

Edgewater Machine Company Inc.

13-20 131st. Street
College Point, NY 11356 U.S.A.

Phone: 718-539-8200

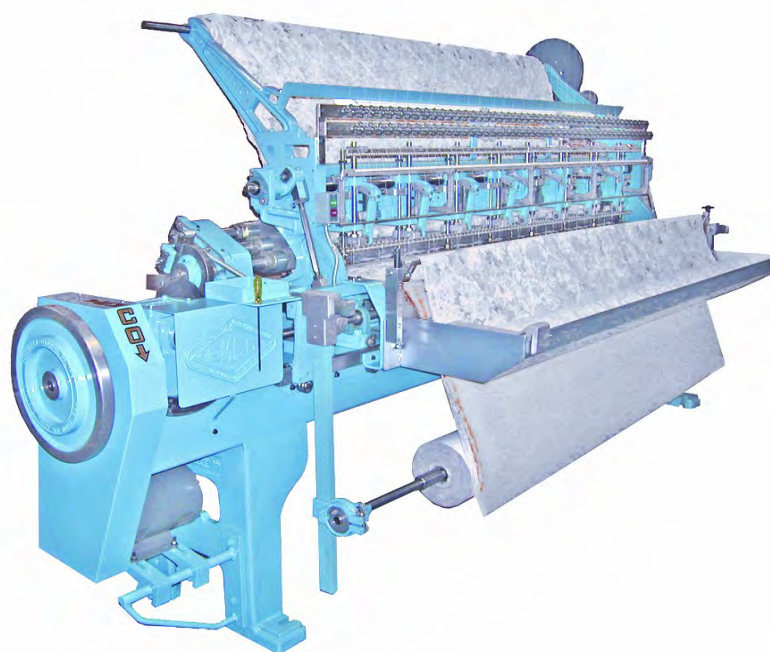
Fax: 718-358-4648

Email: info@edgewatermachine.com

Designers and Manufacturers
of Custom Machinery

The Emco High Speed Lockstitch Quilting Machine Parts Manual

Version 5.16



**The Highest Quality Machines
Built in America Since 1944**

EMCO

**Edgewater Machine Company Inc.
13-20 131st. Street
College Point, N.Y. 11356
U.S.A.**

**Phone: 718-539-8200
Fax: 718-358-4648
Email: info@edgewatermachine.com
Website: www.edgewatermachine.com**

Parts Manual Notice:

Emco products should be used only for the purpose and in the manner intended by their original design. It is recommended that no modifications be made to this product. Any modification of this product will void any expressed or implied warranty and will hold the user responsible.

Carefully read the instructions presented in the Emco Installation and Operating manual. Actions should not be undertaken until all procedures described therein are thoroughly understood.

At the time of writing , this manual was complete and up-to-date. Due to continual design improvements, however, it is possible that the descriptions, specifications, etc. may vary from the product delivered to you. If there are any questions, please contact Edgewater Machine Company for clarification.

Comments concerning this manual and our equipment are welcomed and should be directed to our office for evaluation.

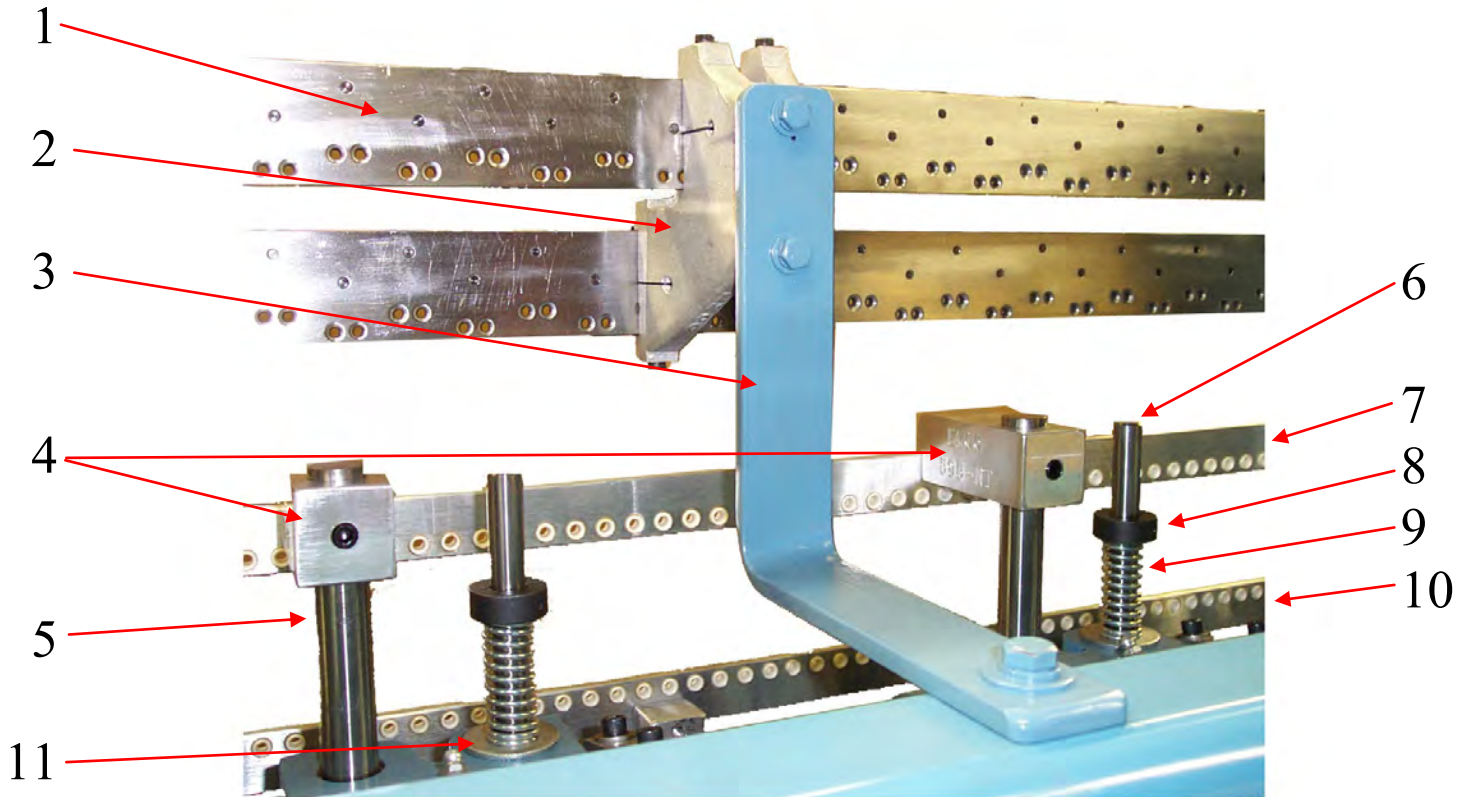
© Copyright Edgewater Machine Company, Inc. 1985-2016

The contents of this manual are the copyright of Edgewater Machine Company, Inc. and may not be reproduced (even extracts), in any form or manner without the written permission from Edgewater Machine Company, Inc.. Every care has been taken to ensure the accuracy in this manual, but no liability can be accepted for any errors or misprints.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	423-BC	Thread Tension Bar Complete and Assembled, specify size
2	423	Tension Bar Support Bracket
3	817-B	Steel Tension Bar Support Bracket
4	595-NT	Shaker Bar Support Block
5	915	3/4" Needle Rod, specify length
6	369H or 869H	1/2" Hardened Presser Foot Rod, specify length or 5/8" Hardened Presser Foot Rod, specify length
7	1059-AL	Aluminum Shaker Bar with porcelain eyelets, specify length
8	369-CT 1/2 or 5/8	1/2" or 5/8" Presser Foot Rod Split type clamping collar, specify size
9	293S	Presser Foot Rod Spring, specify for 1/2" or 5/8" rod
10	1059-AL	Stationary Aluminum thread eyelet bar, specify length
11	293-W	Washer for Presser Foot Spring
12		
13		

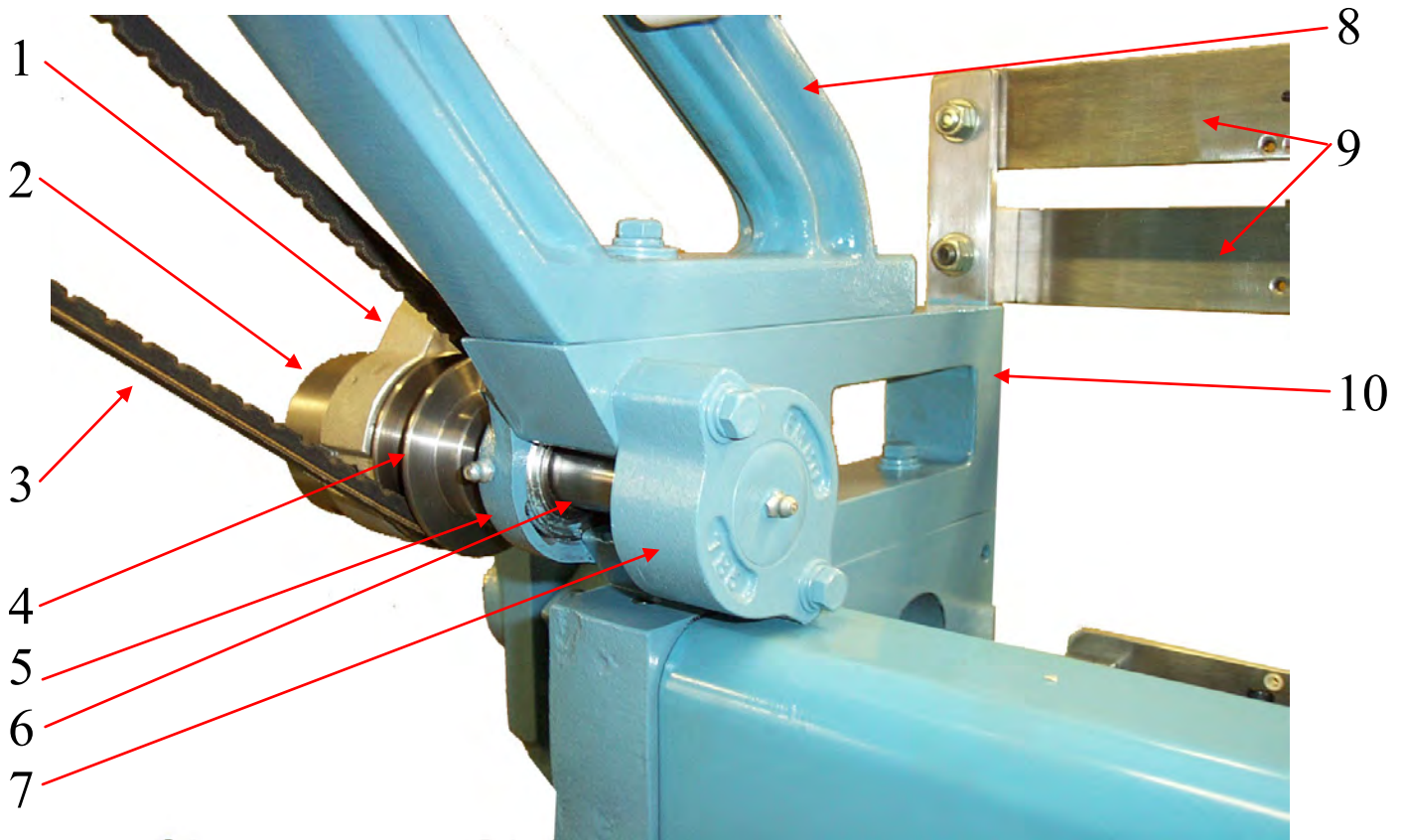
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	793	Forward Clutch Drive Lever
2	789	Intermittent Forward Push Clutch
3	795-NT	Special "V" Belt, specify number on belt – (3VX800)
4	794	Special "V" Belt Pulley with Flat Bottom Groove
5	228	1" Two bolt flange bearing
6	796	1" x 9" Shaft with keyway and one end hardened
7	785	Intermittent Back Stop Clutch Bearing and Housing
8	919N	Upper Grip Roller Support Arm
9	423-BC	Thread Tension Bar Complete and Assembled, specify size
10	679-NT	Side Stand Extension
11		
12		
13		

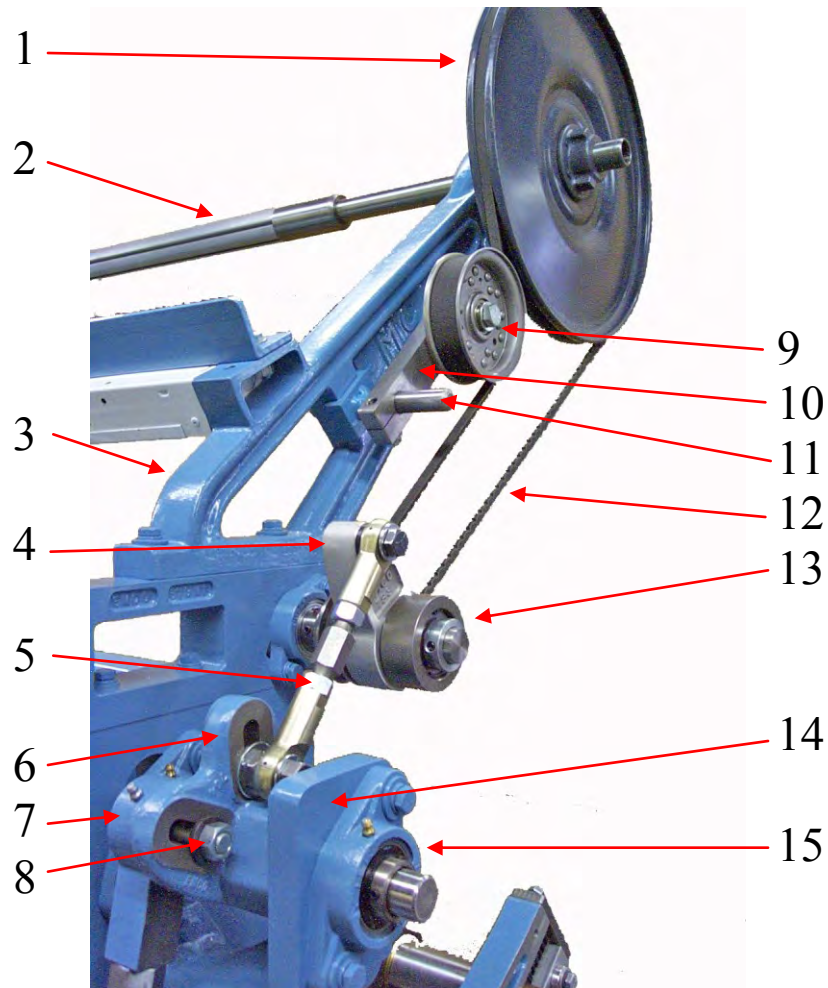
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	386-15	15" Top Take Up Pulley
2	318-NT	Grip Roller, specify for 1.1/2" or 2" tubes and O.A. Length
3	919N	Top Take Up Support Arms
4	793	Forward Push Clutch Lever
5	792 & 788RH	Connecting Rod & Rod Ends, specify length of Connecting Rod and thread type
6	754	Dual Upper Rocker Shaft Drive Lever
7	528R	Top Right Hand Link, specify thread, 5-8-18, 5/8-11, 3/4-16
8	415	Stud for Top Link
9	384-NT	Belt Tensioner Idler Pulley
10	383	Belt Tensioner Arm
11	385	Belt Tensioner Arm Stud

Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

(Continued from previous page)

Item #	Part #	Description
12	795-NT	Special "V" Belt, specify size from belt markings, 3VX800
13	789	Intermittent Top Take Up Forward Push Clutch
14	513	Top Rocker Shaft Outside Support Arm
15	514	1" Two Bolt Flange Bearing

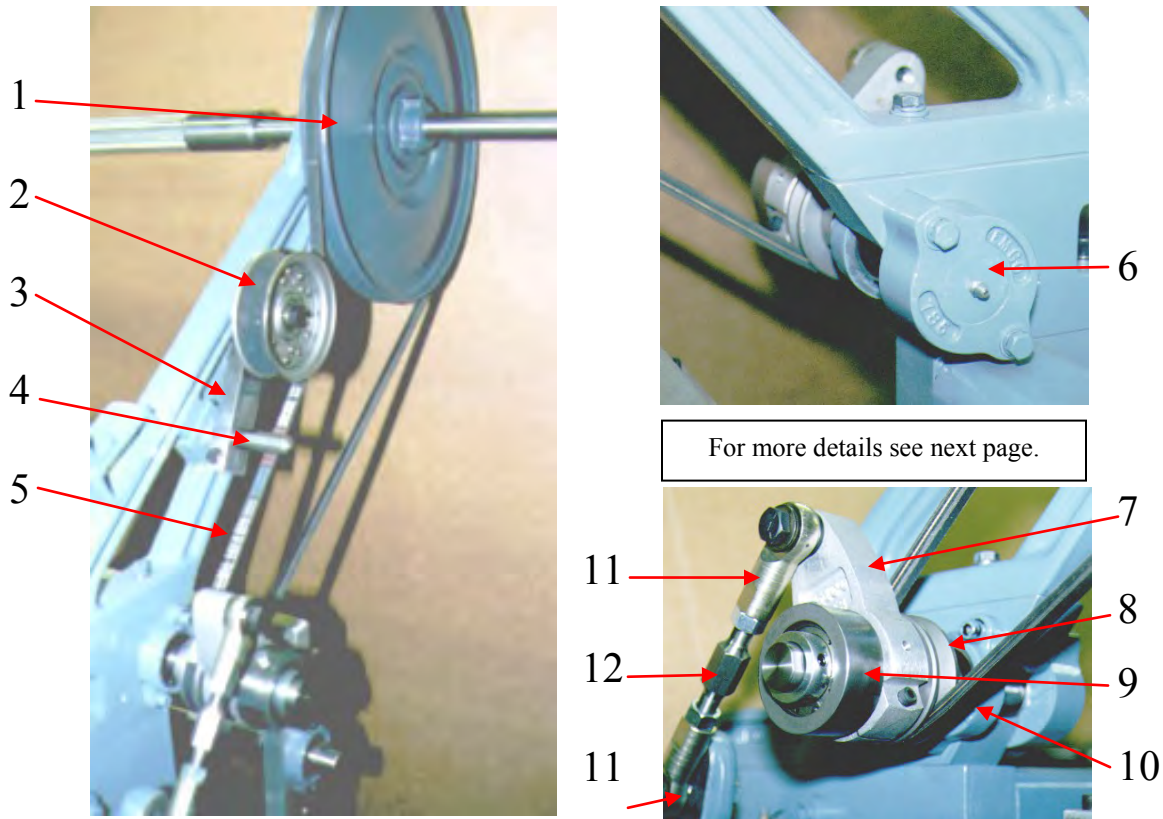
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	386-15	15" Top Take Up Pulley
2	384-NT	Belt Tensioner Idler Pulley
3	383	Belt Tensioner Idler Pulley Arm
4	385	Belt tensioner Arm Stud
5	795-NT	Special "V" Belt, specify size from belt markings, 3VX800
6	785	1" Back Stop Clutch Bearing
7	793	Forward Clutch Drive Lever
8	794	Intermittent Top Take Up Clutch Pulley
9	789	Intermittent Top Take Up Forward Push Clutch
10	795-NT	Special "V" Belt, specify size from belt markings, 3VX800
11	788-RH	Right Hand Link
12	792	Connecting Rod, specify length and thread type
13		

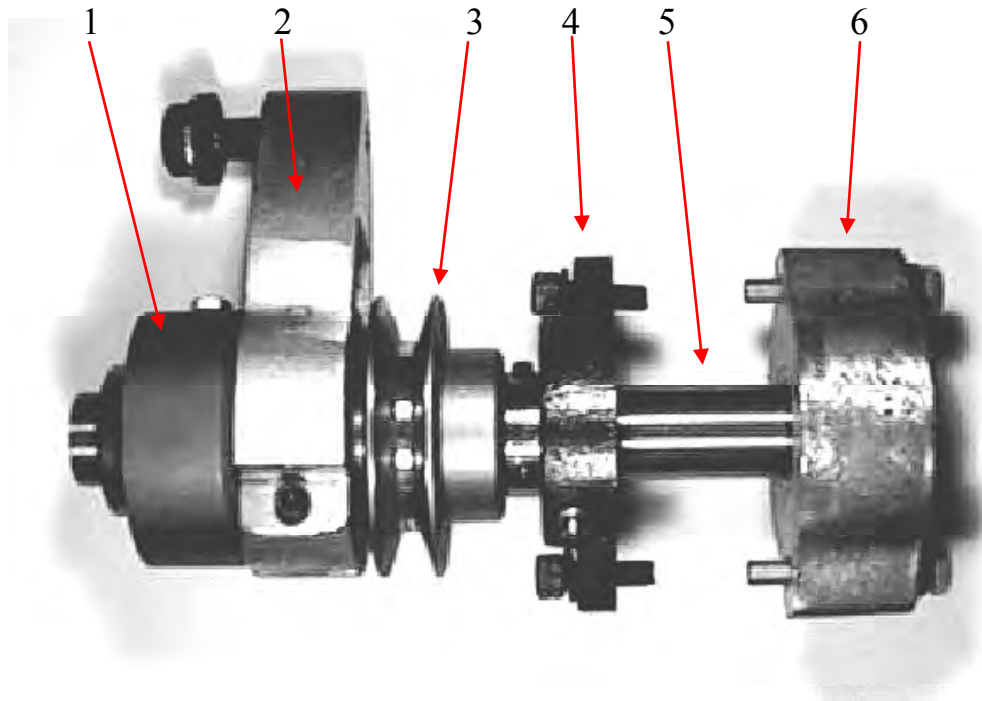
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	789	Intermittent Top Take Up Forward Push Clutch for 1" Shaft
2	793	Forward Push Clutch Drive Lever
3	794	Special Intermittent Top Take Up Clutch Pulley with flat bottom
4	228	1" Two Bolt Flange Bearing
5	796	1" x 9" Shaft with keyway and one end hardened
6	785	1" Back Stop Clutch Bearing
7		
8		
9		
10		
11		
12		
13		

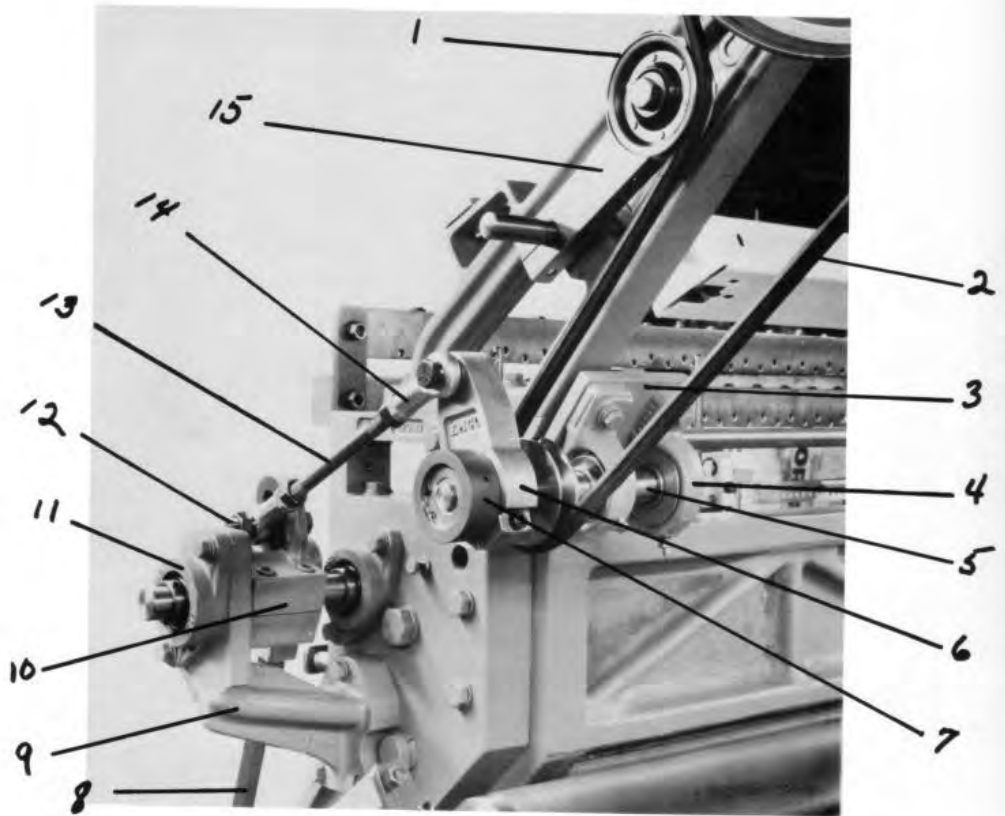
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	384	Top Belt Tensioning Pulley
2	795-OT	Special Belt, specify number on belt, (3VX750)
3	957	Mounting Plate for Intermittent Drive
4	208	Back Stop Clutch, old type
5	796	Special 1" Shaft with hardened end and keyway
6	793	Forward Clutch Drive Lever
7	789	Forward Push Clutch
8	356N	Needle Drive Side Connecting Rod, specify length and thread
9	513	Upper Rocker Shaft Outside Support Casting
10	754	Dual Upper Rocker Shaft Drive Lever
11	514	Two Bolt, 1" Flange Bearing
12	791	Stud
13	792	Round Connecting Rod, specify length and thread
14	788-RH	Links, specify size and thread type, (1/2-20 RH)
15	383	Top Belt Tension Arm

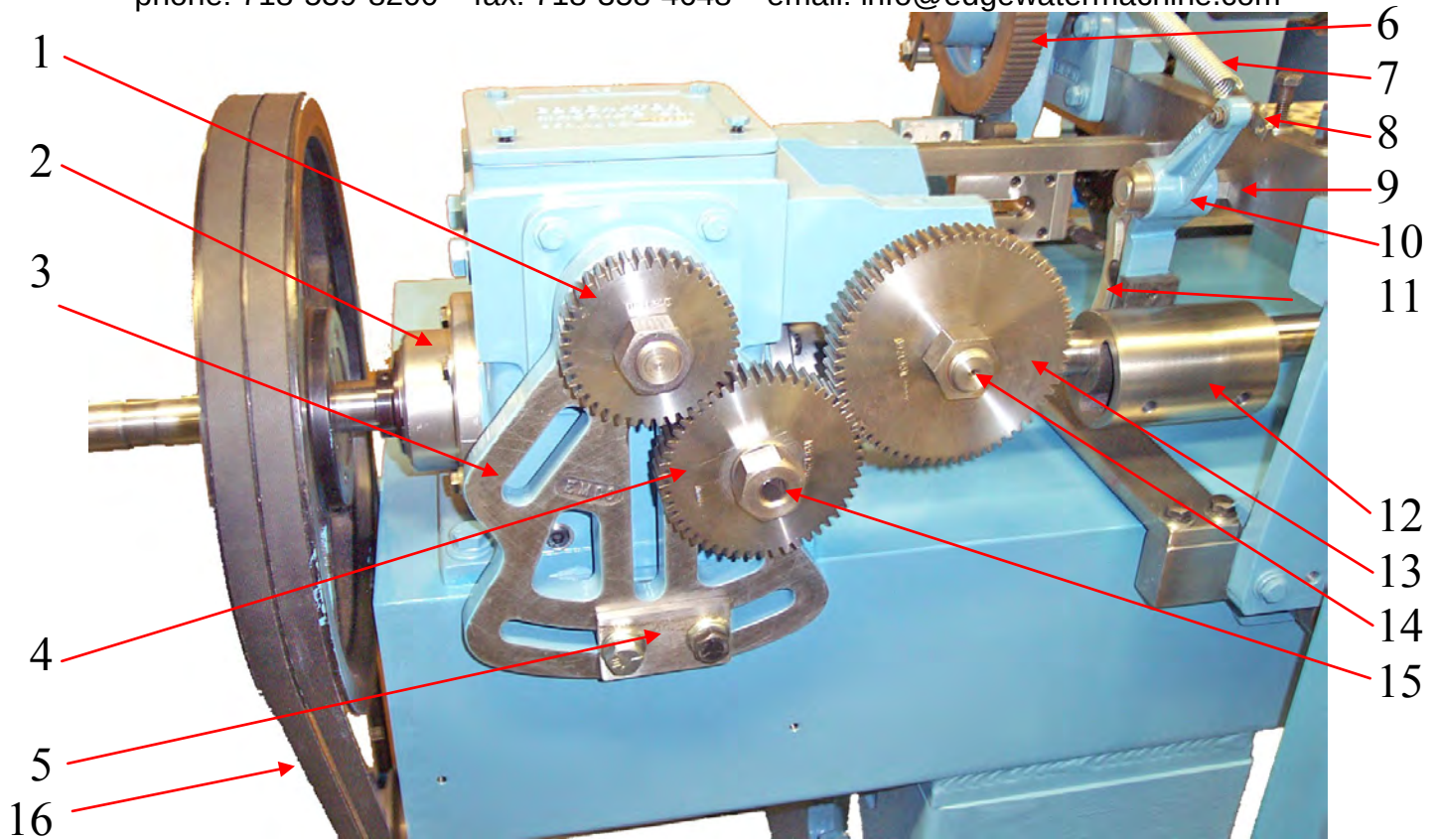
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	457-??	Drive Gear, specify number of teeth in gear, ??= number of teeth
2	373BH	Gear Box main shaft bearing housing
3	888	Idler Sector
4	457-50WB	Idler Gear with ball bearing, 50 tooth in gear
5	877P	Idler sector clamping plate with screws
6	342	Ratchet, specify number of teeth in ratchet
7	449	Ratchet Return Spring
8	449-L	Ratchet return spring link to lever
9	632-S	Stud for 632X, with collar, specify for 2x3 or 1x3x6 machine
10	632X	Barrel Cam Drive Lever
11	632P	Teflon Pad for 632X
12	335	Barrel Cam, specify for 1x3, 1x3x4 or 1x3x6 machine
13	457-??	Driven Gear, specify number of teeth in gear, ??= number of teeth
14	541	Cam Shaft
15	377SB	Idler Stud, specify if you need the Step Washer and Nut
16	B66	Drive Belts, 2 required

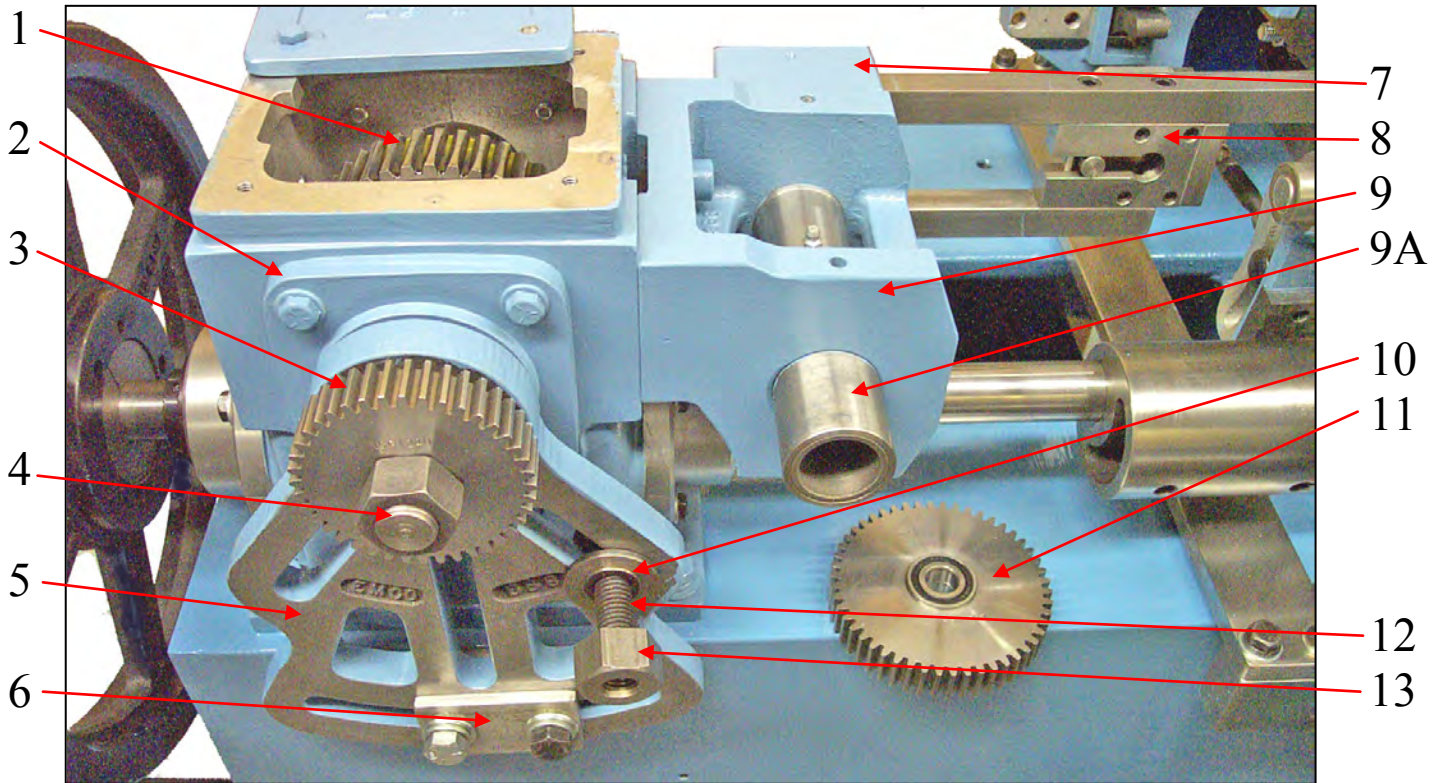
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	456	Intermittent Worm Gear, or #456-CF – Continuous Feed Worm Gear, not shown - #376-CF Continuous Feed Worm
2	374F	Front Gear Box Flange
3	457-??	Drive Gear, specify number of teeth in gear, ??= number of teeth
4	379	Worm gear shaft
5	888	Idler Sector
6	877P	Idler sector clamping plate with screws
7	978	Cam Slide Block, specify 1x3 or 1x3x6 type machine
8	239	Cam Slide, specify 1x3 or 1x3x6 and specify dimensions
9	366NT	Support Casting for Cam Shaft Housing
9A	322	Cam Shaft Housing with bushings, you must specify length
10	377W	Step Washer for Idler Bolt
11	457-50WB	Idler Gear with ball bearing, 50 tooth gear
12	377SB	Bolt, (stud), for Idler Gear
13	377N	Nut for Idler Stud
14	634	Synthetic Gear Box Oil, 1 quart, (not shown)

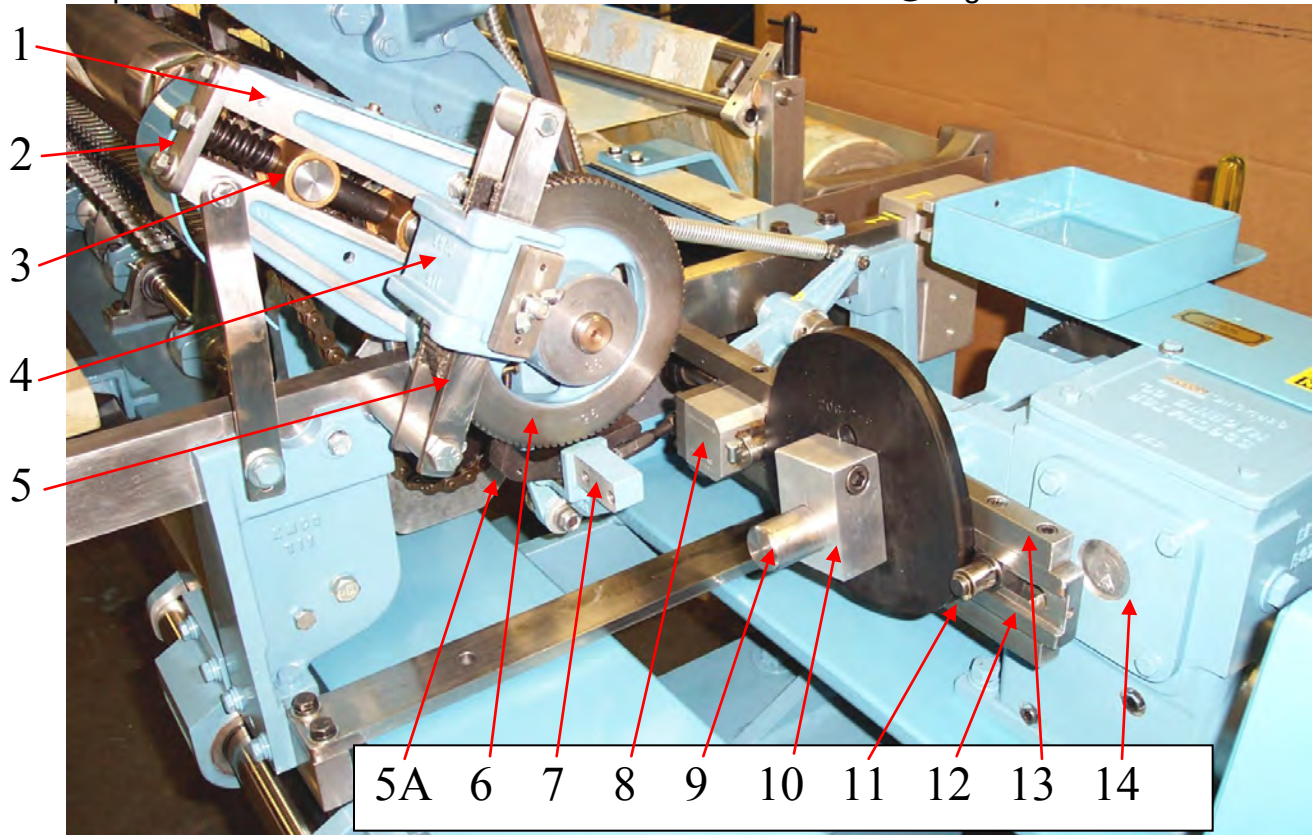
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	947-NT	Feed Roll Bracket, specify 1x3 or 1x3x6
2	947-P	Top Plate for 947-NT feed roll bracket
3	347M	Feed Roll Bushing with flats for second and third feed rolls
4	571	Adjustable Clamp for ratchet brakes
5	570-NT	Ratchet Brakes
5A	7327	Ratchet Pawl
6	342	Ratchet, specify number of teeth in ratchet
7	BB408	Ratchet Drive Lever
8	250	Left Hand Pre-Tensioner Cam Slide Block
9	541	Cam Shaft without Undercut used with squeeze type cam hub
10	944	Squeeze Type Cam Hub
11	329	Cam Roller Stud Complete
12	240-RH	Right Hand Cam Roller Block, specify 1x3 or 1x3x6 machine
13	242 or 243	242 Top Cam slide rail, 243 Lower cam slide rail, specify length
14	374-NTR	Rear Worm Gear Shaft Flange

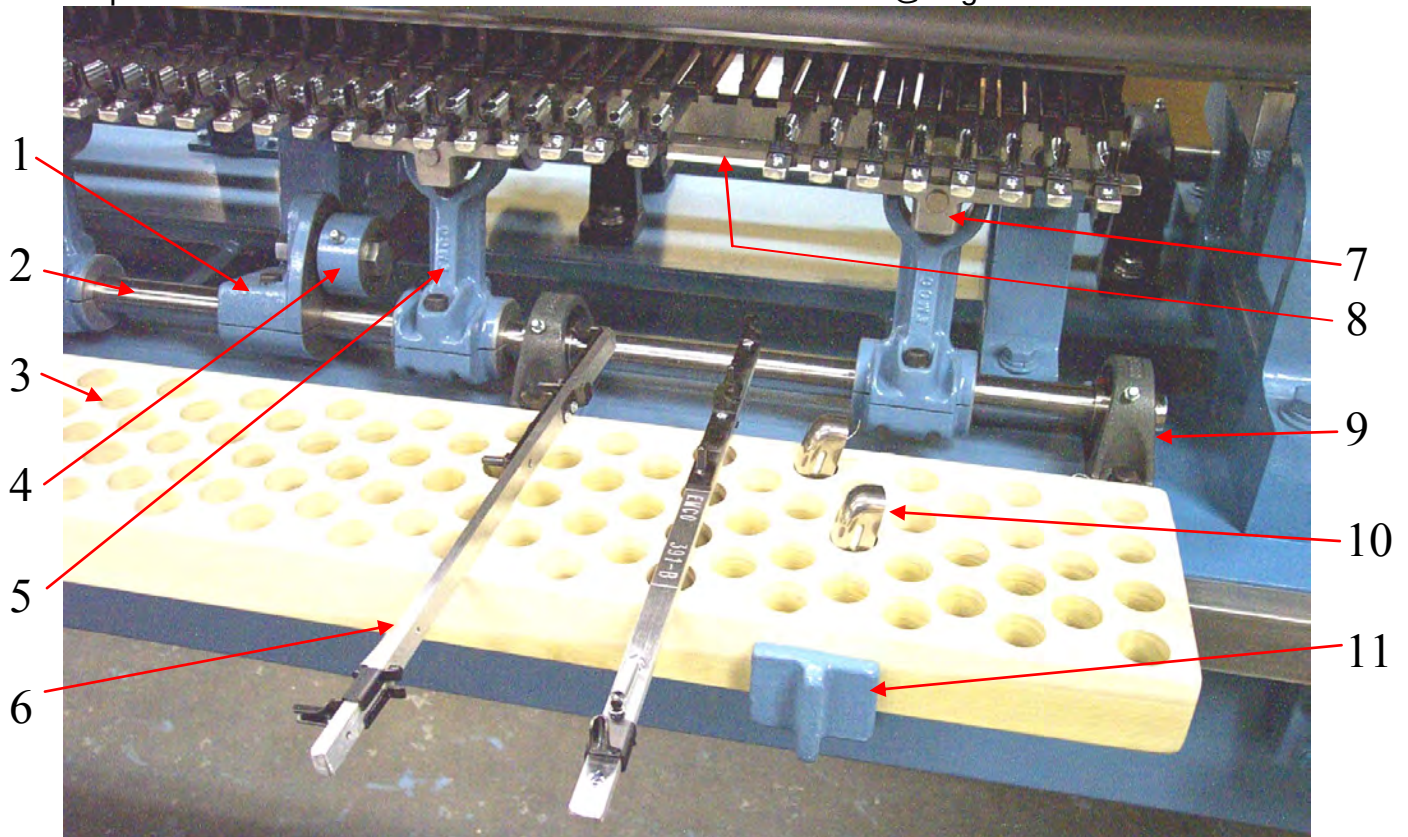
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	752	Rear Rocker Shaft Drive Lever
2	1038	1" Hardened Rear Rocker Shaft
3	430	Wooden Shuttle Tray, specify length
4	528	Right Hand Link, specify 5/8-18, 5/8-11 or 3/4-16 thread
5	7865	Shuttle Drive Lever complete with bearings
6	391-B-xx.xx	Shuttle Holder, (shuttle stick), specify over all length
7	362-R	Rear Shuttle Bar Block
8	394-R	Rear Shuttle Holder Bar, specify length
9	827	Rear Rocker Shaft Pillow Block Bearing
10	429-10B	Large #10B Shuttle
11	7430-B	Shuttle Tray Bracket
12		
13		

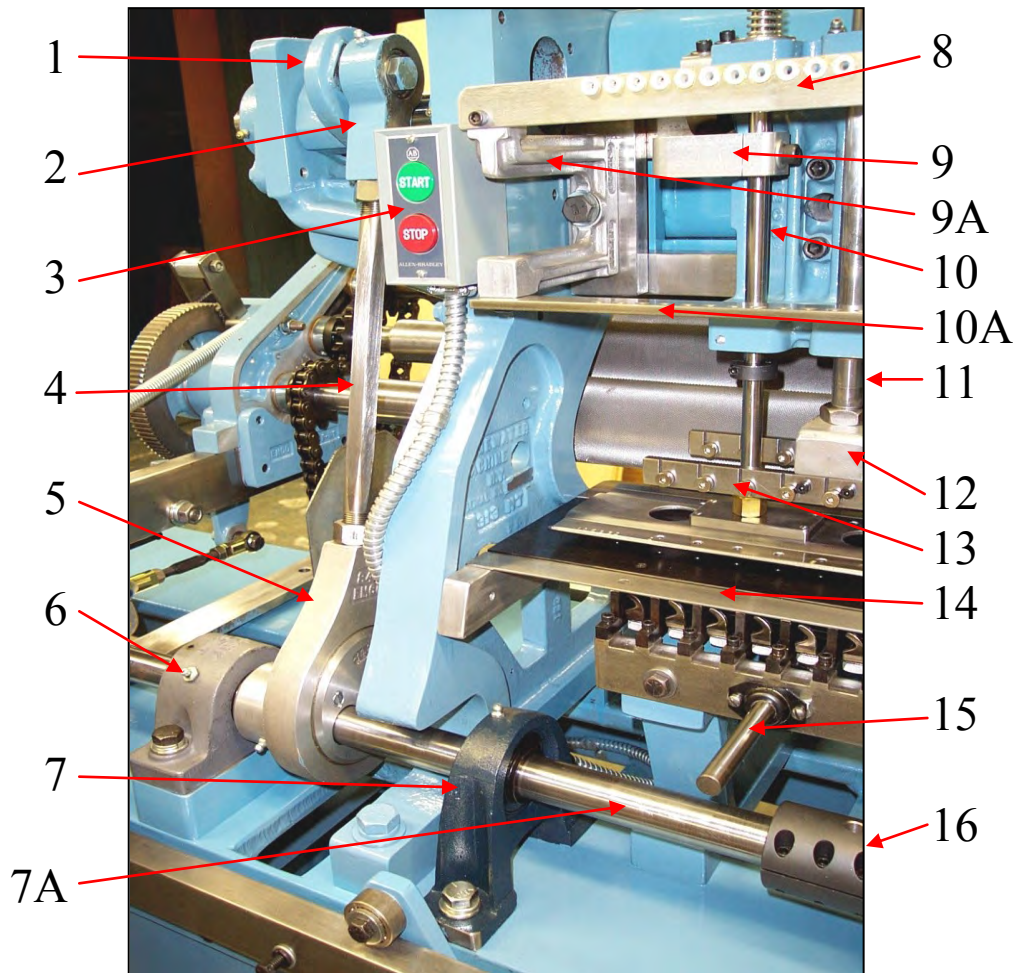
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	7806	Upper Rocker Shaft Drive Lever
2	528R	Top Right Hand Link, specify 5/8-18, 5/8-11 or 3/4-16 thread
3	800S2SA	Start / Stop Push Button Station
4	356	Needle Drive Connecting Rod, specify length and type of thread
5	850	Needle Drive Eccentric, specify 5/8-18, 5/8-11 or 3/4-16 thread
6	938HD	Heavy Duty Pillow Block Bearing
7	S828M	Special Height Main Shaft Pillow Block Bearing
7A	1039	Main Shaft, specify length and dimensions of undercuts
8	1059-AL	Stationary Aluminum thread eyelet bar, specify length
9	930	Presser Foot Rod Lever for Power Down
9A	594-A	Thread Guide Bar Mounting Bracket

Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.
 continued on next page

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

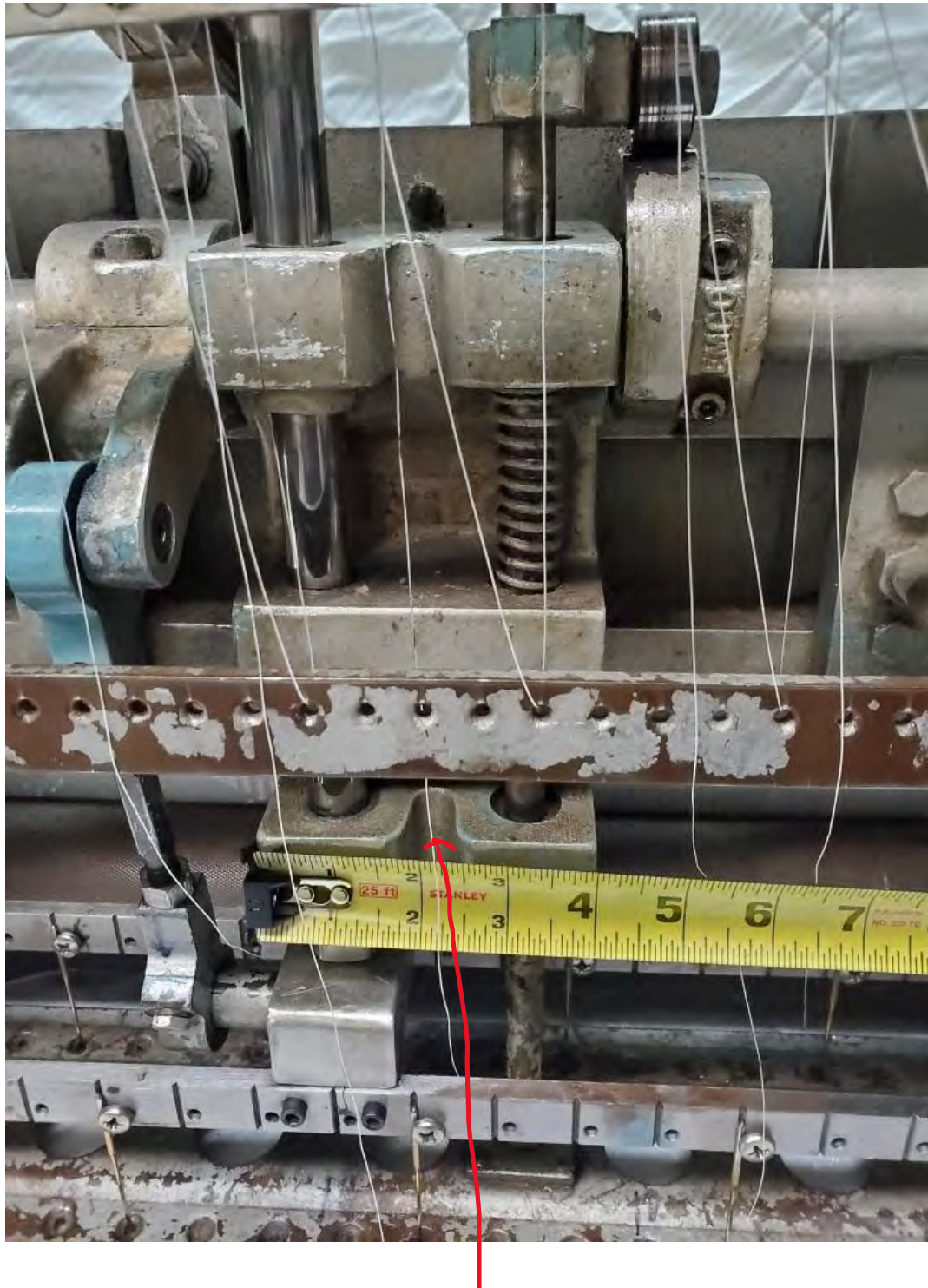
13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

(Continued from previous page)

Item #	Part #	Description
10	369H or 869H	1/2" Presser Foot Rod or 5/8" Presser Foot Rod
10A	1050	Stationary Steel thread eyelet bar, specify length
11	915	3/4" Needle Rod, specify length
12	75	Needle Bar Bridge for 1x3 machine
13	298	Needle Bar, specify steel or aluminum and specify length
14	471-B	Apron Wear Strip, Two pieces
15	367-H	1/2" Shuttle Drive rod, specify length
16	1039-C	Main Shaft Coupling, Clamp Type

Order Parts by Part #, not Item # .

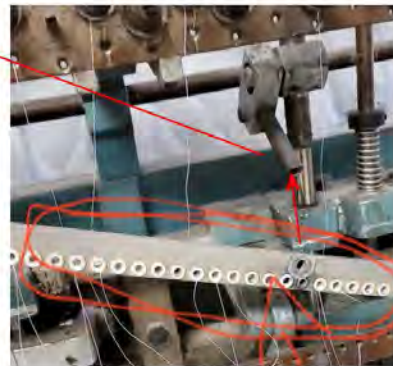
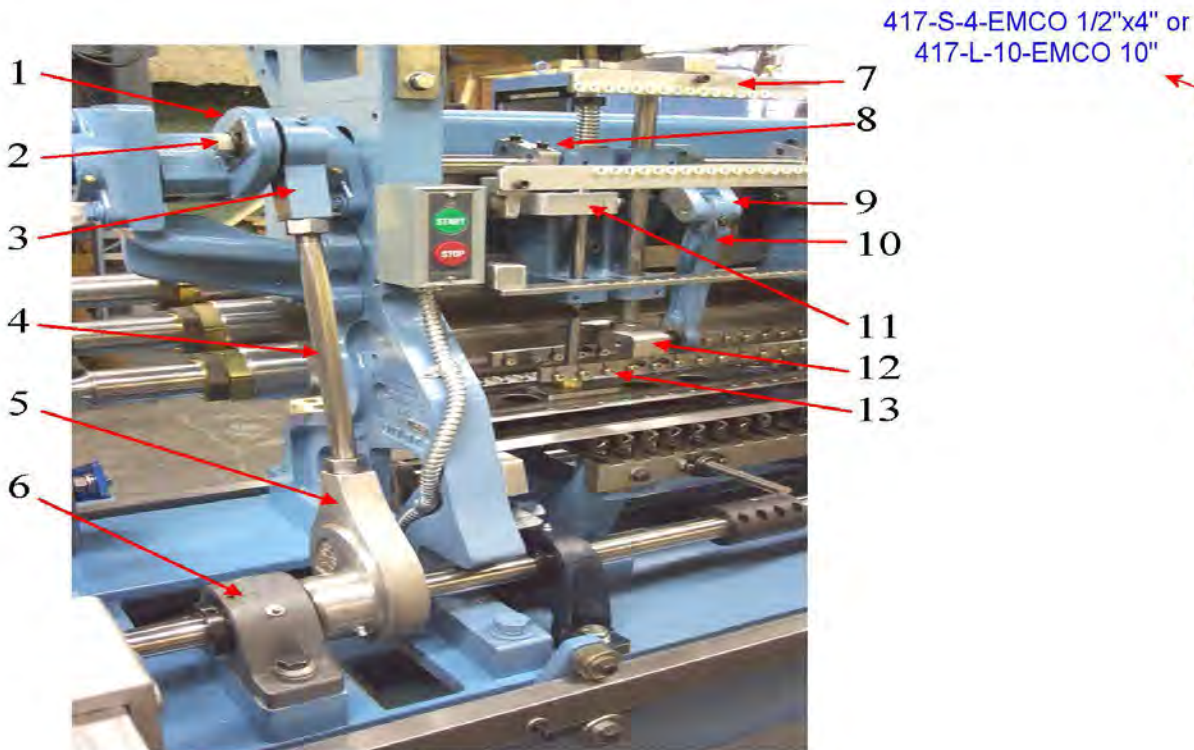
Always include Model # and Serial # of machine when ordering parts.



These parts were installed into the machine when the machine was built.
you can replace all the*bushings in that bracket.
They do not need to replace the bracket, bracket no longer made.

*available bushing in 581-EMCO 3/4X 7/8 L=1-.25" or 581-A-EMCO 3/4X7/8 L=1-1/8"

Emco Lockstitch Part Listing



Item #	Part #	Description
1	7806	Upper Rocker Shaft Drive Lever
2	415	Stud for Top Link
3	528R	Top Right Hand Link, specify thread, 5-8-18, 5/8-11, 3/4-16
4	356	Needle Drive Connecting Rod
5	850	Needle Drive Eccentric for 1x3 machine
6	938HD	Heavy Duty Pillow Block Bearing for main shaft
7	1059	Aluminum Shaker Bar with porcelain Eyelets, specify length
8	931	Power Down Presser Foot Cam
9	7204 or 8304	Needle Bar Lift Link Lever, (7204 for 1x3 / 8304 for 1x3x6)
10	904	Needle Bar Lift Link
11	930	Presser Foot Rod Lever
12	75	1x3 Needle Bar Bridge
13	314 or 414NT	Needle Bar screw, Phillips type head or Hex head type

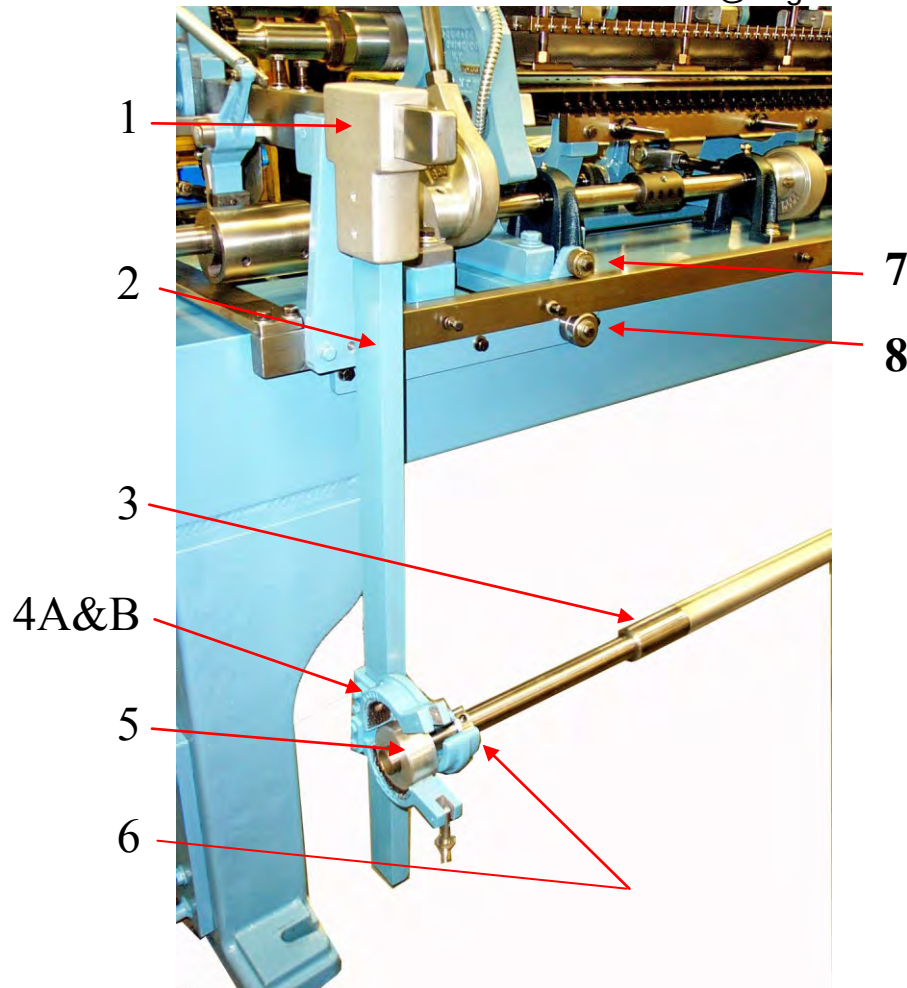
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	498	Straight Type Front Arm Support Bracket
2	339-S	Front Steel Channel Support Arm
3	318-NT	Grip Roller, specify length and diameter, 1.1/2" or 2" dia.
4A	3367	Grip Roller Hook
4B	7389NT	Brake Tension Control for grip roller
5	942	Hub for brake tension control
6	318-C	Collar for Grip Roller
7	438	Carriage Hold down bearing
8	381-2	Carriage Support Bearing, 2 required at each location
9		

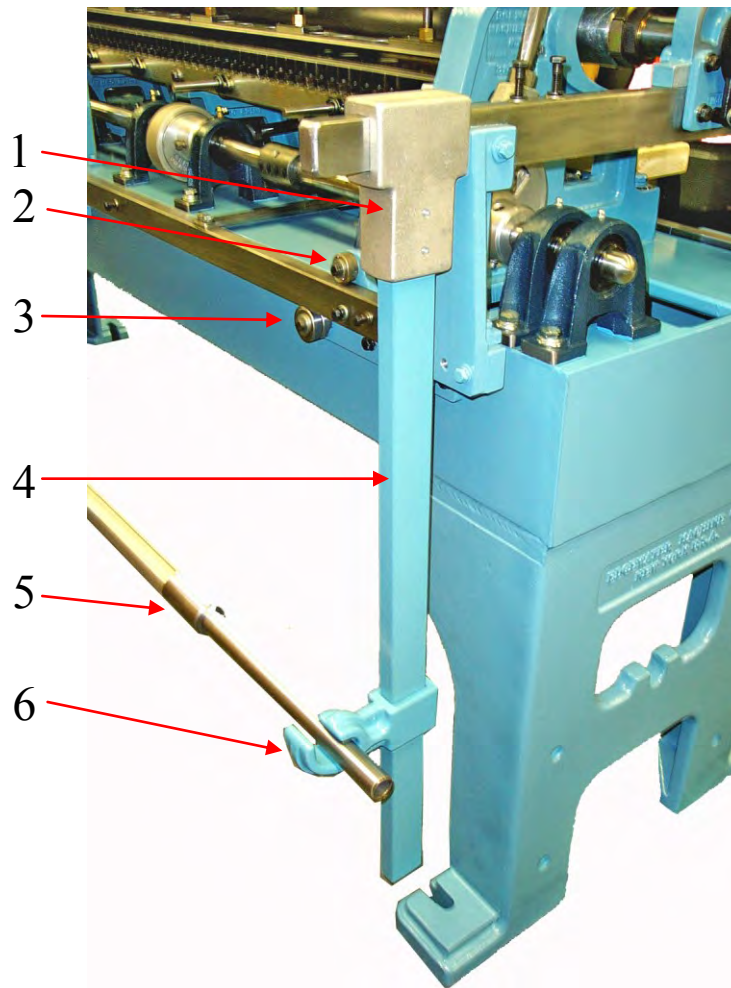
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	498	Straight Type Front Arm Support Bracket
2	438	Carriage Hold down bearing
3	381-2	Carriage Support Bearing, 2 required at each location
4	339-S	Front Steel Channel Support Arm
5	318-NT	Grip Roller, specify length and diameter, 1.1/2" or 2" dia.
6	3367	Grip Roller Hook for Front Steel Channel Support Arm
7		
8		
9		
10		

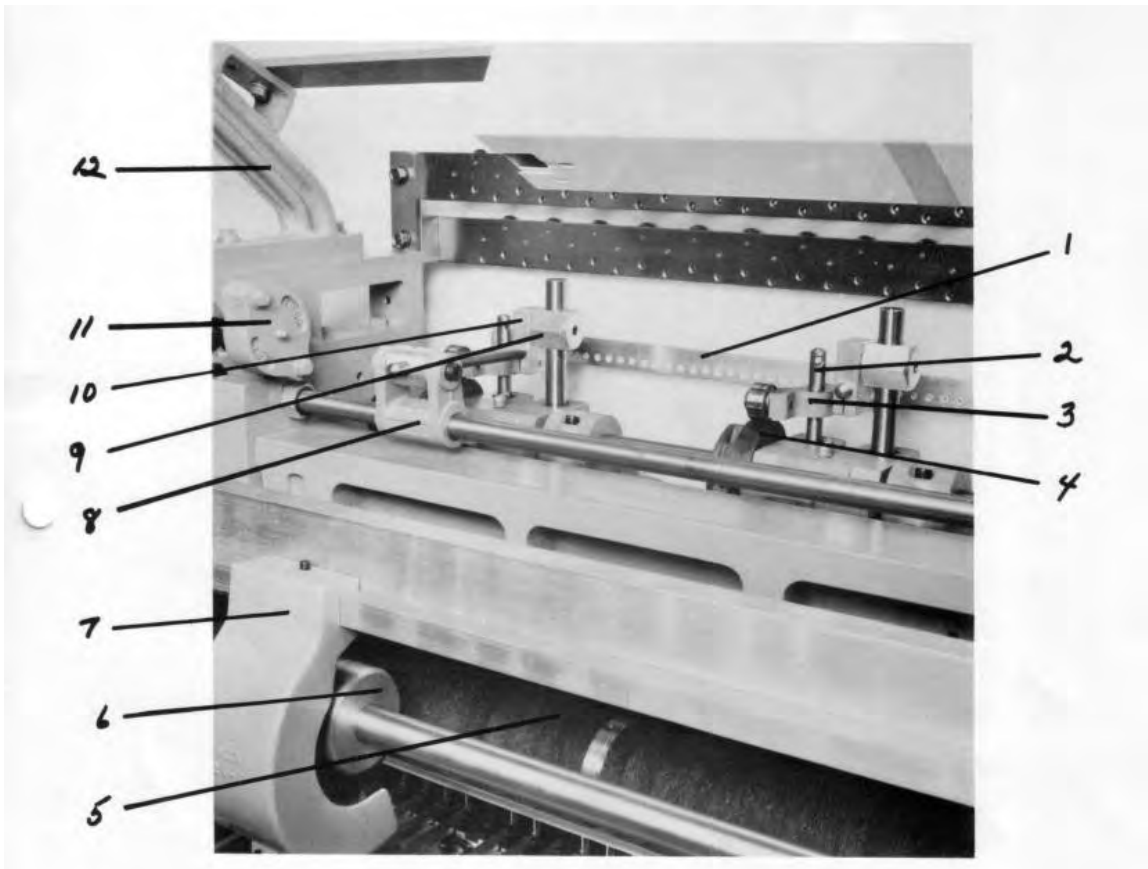
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	1059	Aluminum Shaker Bar with porcelain eyelets, specify length
2	369H or 869H	1/2" Presser Foot Rod or 5/8" Presser Foot Rod, specify length
3	1107	Presser Foot Lifter
4	815	Presser Foot Lift Cam. old type
5	227	18" Felt Roller Section for trimming attachment use
6	223	Knife Hub only, (knife blade for this hub - #222-5.5)
7	224-C	Old type Knife Guard, New type #225
8	1816NT	Rear Take Up Support
9	918	Front Hex Take Up Support Block
10	418	Take Up Block , Split
11	785	Intermittent Back Stop Clutch Bearing and Housing
12	919N	Upper Grip Roller Support Arm
13		

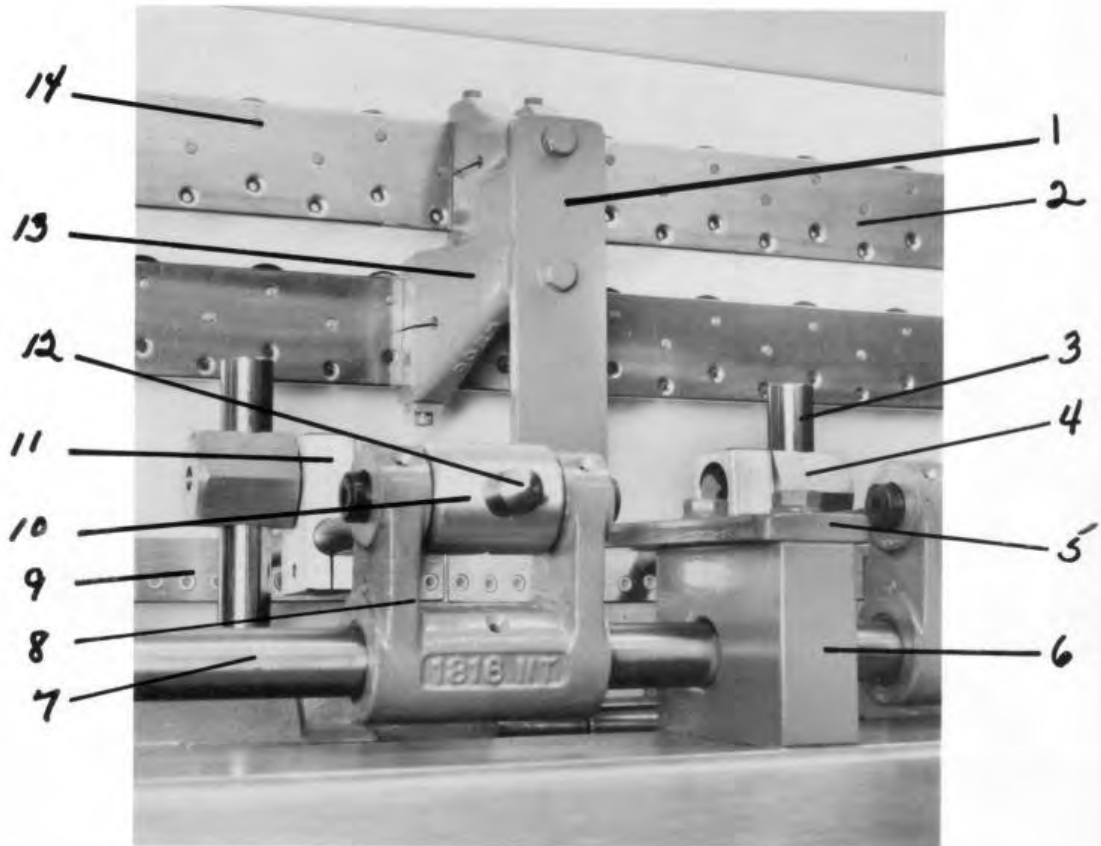
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	817-B	Steel Support Bar Bracket for Thread Tension Bars
2	423-BC	Thread Tension Bar Complete and Assembled, specify length
3	915	3/4" Needle Drive Rod
4	918	Front Hex Take Up Support Block
5	817P	Steel Tension Bar Support Bracket
6	817	Steel Take Up Rod Support Block
7	1033	Rear Take Up Support Rod
8	1816NT	Rear Take Up Support
9	1059	Aluminum Shaker Bar with porcelain eyelets, specify length
10	1819	Take Up Rod Rear Support
11	418	Take Up Block , Split
12	417L	Take Up Rod, long, specify length
13	423	Tension Bar Support Bracket
14	420	Thread Tension Stud, on front side of thread tension bar

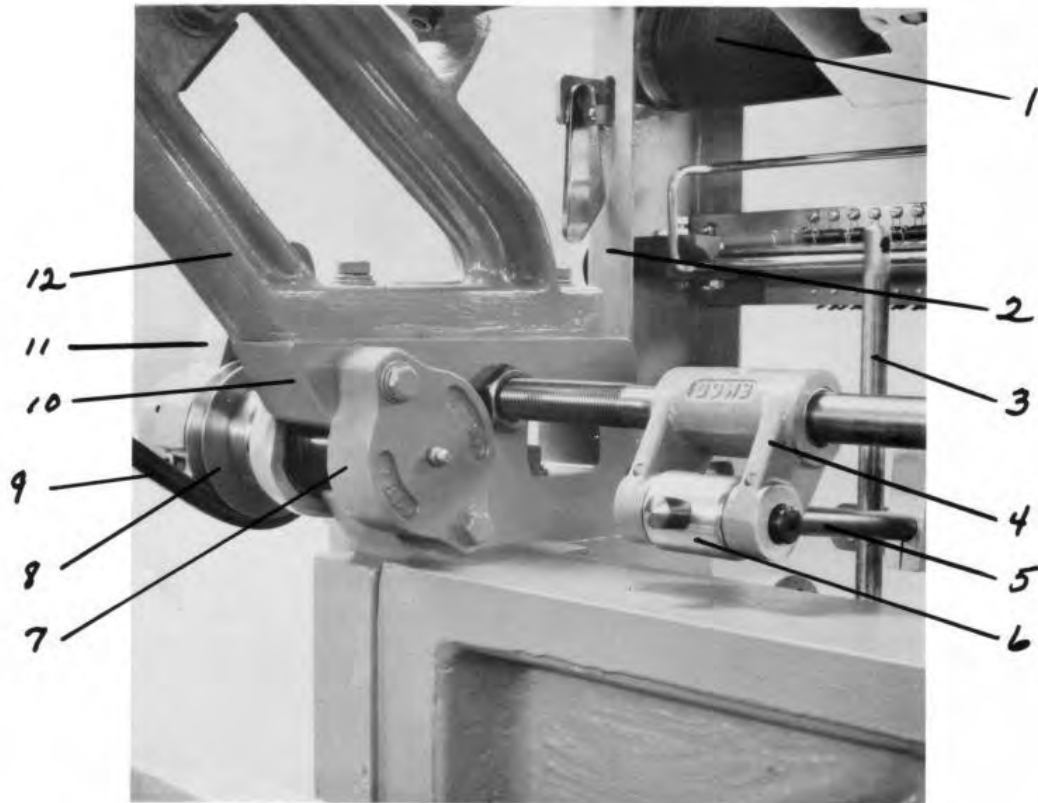
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1		Thread Tension Roller, part of Electronic Thread Break Device
2		Frame of Electronic Thread Break Device
3	369H or 869H	1/2" Presser Foot Rod or 5/8" Presser Foot Rod, specify length
4	1816NT	Rear Take Up Support
5	417L	Take Up Rod, long type, you must specify length of rod
6	1819	Take Up Rod Rear Support
7	785	Intermittent Back Stop Clutch Bearing
8	794	Special "V" Belt Pulley with flat bottom
9	795-NT	Special "V" Belt, specify number on belt, (3VX800)
10	679-NT	Side Stand Extension
11	793	Forward Clutch Drive Lever
12	919N	Upper Grip Roller Support Arm
13		

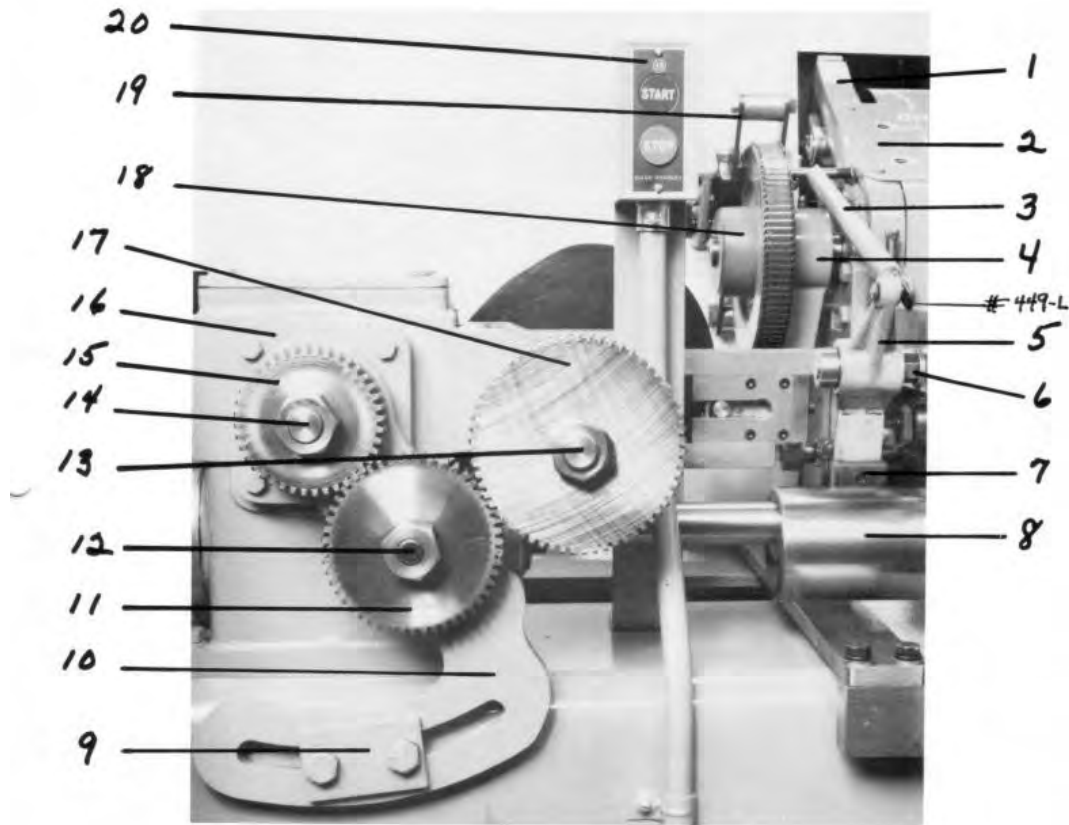
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	947-NT	Feed Roll Bracket, specify for 1x3 or 1x3x6 machine
2	951	Feed Roll Chain Guard
3	449	Ratchet Return Spring, (#449-L Spring to Lever Link)
4	BB408	Ratchet Drive Lever
5	632X	Barrel Cam Drive Lever
6	632S	Stud for above with collar, specify 1x3 or 1x3x6 machine
7	632P	Teflon Pad for 632X
8	335	Barrel Cam, specify 1x3 or 1x3x6 machine
9	877P	Idler Sector Locking Plate with screws
10	877	Idler Sector
11	457	Idler Gear, specify number of teeth in gear
12	377SB	Idler Stud
13	541	Cam Shaft

(Continued on next page)

Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

(Continued from previous page)

Item #	Part #	Description
14	379	Worm Gear Shaft
15	457	Drive Gear, specify number of teeth in gear
16	374F	Front Gear Box Flange
17	457	Driven Gear, specify number of teeth in gear
18	342	Ratchet, specify number of teeth in ratchet
19	570NT	Ratchet Brakes
20	800S2SA	Start / Stop Push Button Station

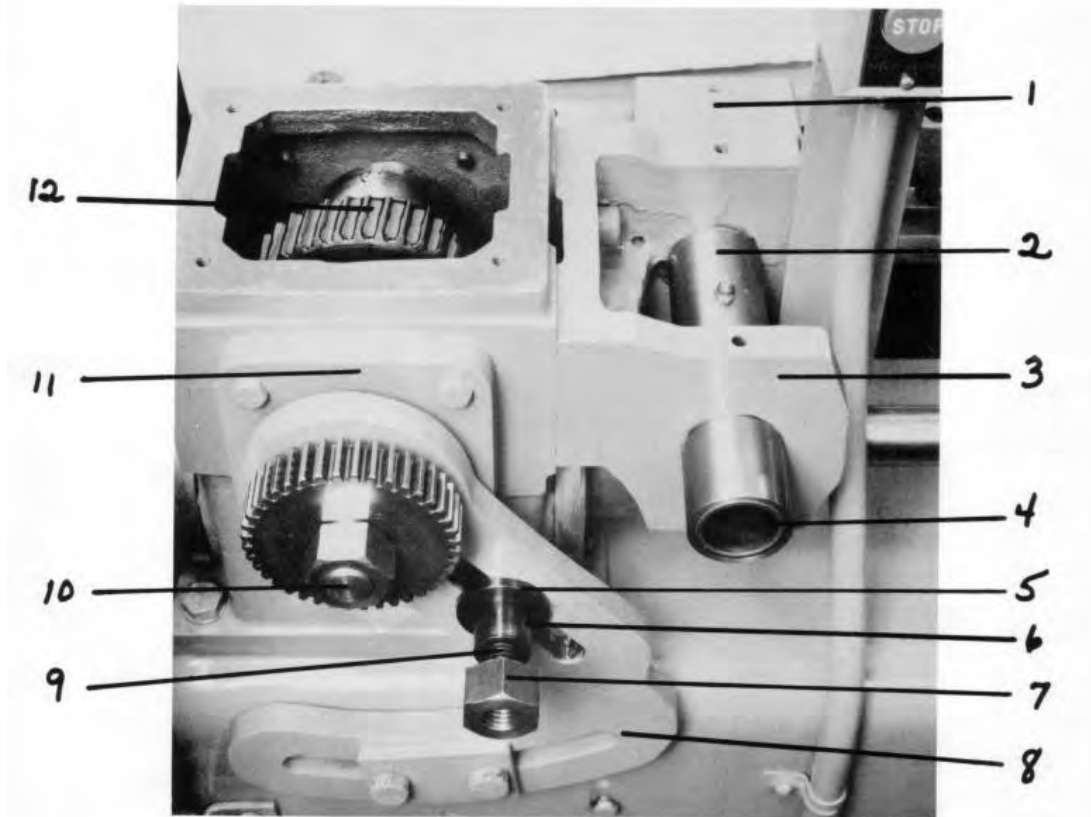
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	987	Cam Slide Block, specify 1x3 or 1x3x6 machine
2	322	Cam Shaft Housing
3	366NT	Support Casting for Cam Shaft Housing
4	322B	Cam Shaft Bushing, (x2)
5	377W	Washer for Idler Bolt
6	377B	Idler Bushing
7	377N	Nut for Idler Bolt
8	877	Idler Sector
9	377SB	Bolt for Idler Gear
10	379	Worm Gear Shaft
11	374F	Front Gear Box Flange
12	456	Intermittent Worm Gear, #456-CF – Continuous Feed Worm Gear, not shown - #376-CF Continuous Feed Worm
13	360	1 Quart Synthetic Gear Box Oil, (Not shown in picture)

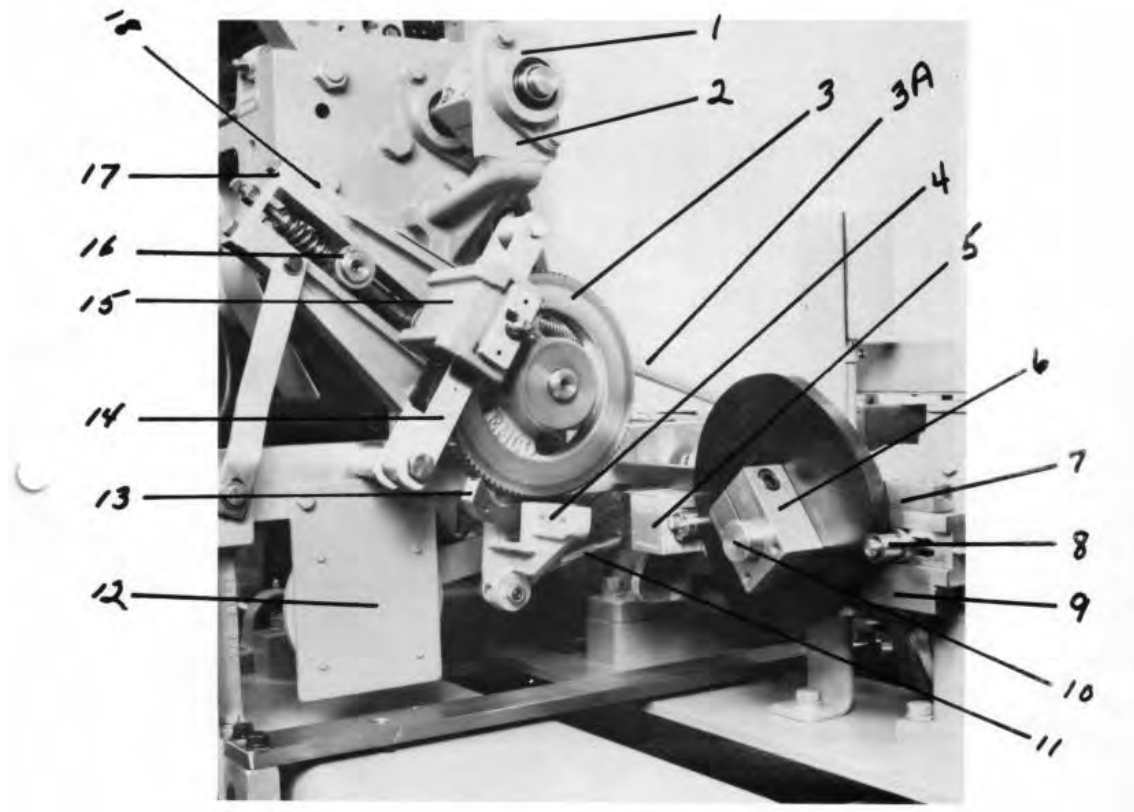
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	514	Two bolt flange bearing
2	513	Upper Rocker Shaft Outside Support Casting
3	342	Ratchet, specify number of teeth in ratchet
3A	449	Ratchet Return Spring
4	BB408	Ratchet Drive Lever
5	250	Left Hand Pretensioner Cam Slide Block
6	944	Squeeze Type Cam Hub
7	242	Top Cam Slide Bar, specify length, specify 1x3 or 1x3x6 mach.
8	329	Cam Roller Stud Complete
9	243	Lower Cam Slide Bar, specify length, specify 1x3 or 1x3x6 mach
10	541	Cam Shaft without Undercut used with squeeze type cam hub
11	834NT	Ratchet Drive Connecting Rod with fasteners
12	275	Mounting Plate for old type Feed Roll Chain Tensioner
13	7327	Ratchet Pawl

Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

(Continued from previous page)

Item #	Part #	Description
14	570NT	Ratchet Brakes
15	571	Adjustable Clamp for Ratchet Brakes
16	347M	Feed Roll Bushing, with flats for second and third feed rollers
17	947P	Top Plate for 947NT Feed Roll Bracket
18	947NT	Feed Roll Bracket, specify 1x3 or 1x3x6 machine

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	345-3	Knurled Feed Roller, specify all dimensions
2	362-R	Rear Shuttle Bar Block
3	7865	Shuttle Drive Lever complete with bearings
4	528	Right Hand Link, specify 5/8-18, 5/8-11 or 3/4-16 thread
5	827	1" Rear Rocker Shaft Pillow Block Bearing
6	429-10B	Large #10B Shuttle
7	391-B-xx.xx	Shuttle Holder Stick, specify length and number of baskets
8	399-L	Slide Lock
9	391-RS	Rear Stud
10	7430-B	Shuttle Tray Support Bracket, two required for shuttle tray
11	430	Shuttle Tray, specify dimensions
12	565	Basket Stud
13	B-391-10B	# 10 Shuttle Basket
14	362-R	Rear Shuttle Bar Block
15	394-R	Rear Shuttle Holder Bar, specify length
16	394-DS	Not shown, front shuttle holder bar with dual slots

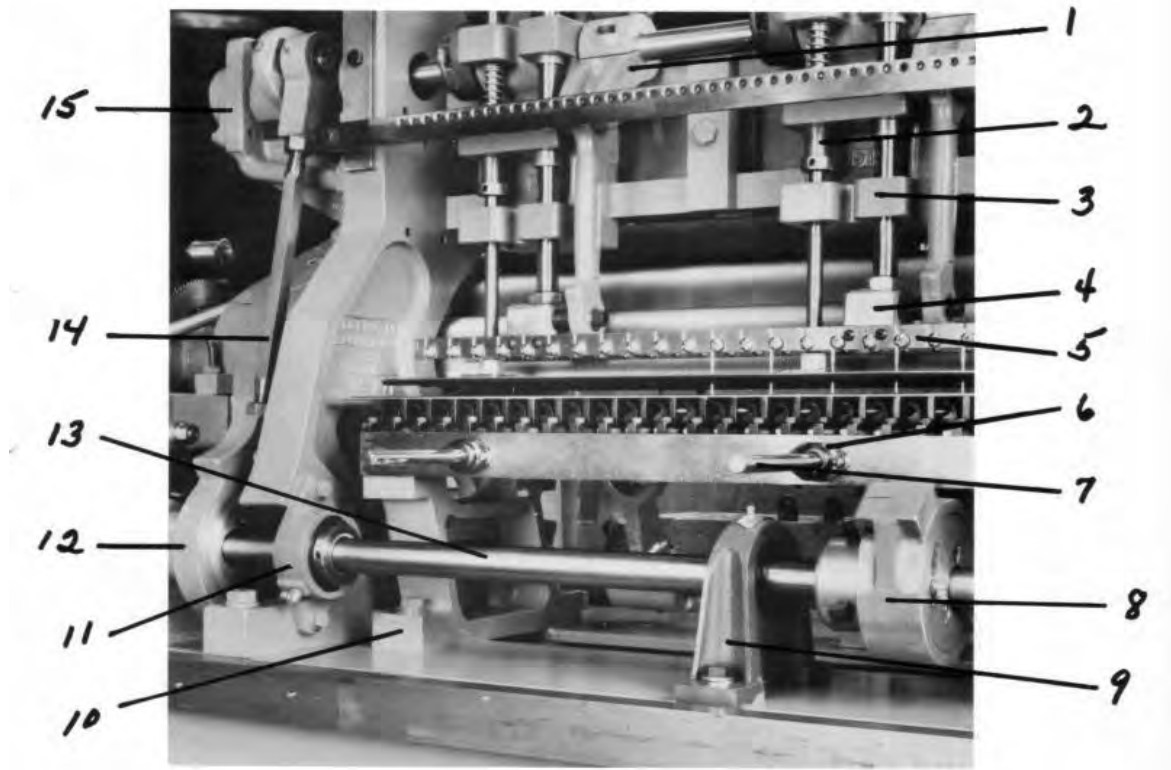
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	7204 or 8304	Needle Bar Lift Link Lever, (7204 for 1x3 / 8304 for 1x3x6)
2	369B	Presser Foot Rod Bushing, specify I.D. , O.D. and length
3	911D	Presser Foot and Needle Rod Bracket
4	75	Needle Bar Bridge for 1x3 machine
5	298	Needle Bar, specify steel or aluminum and specify length
6	1129	Metal retainer for shuttle rod oil felts
7	367-H	1/2" Shuttle Drive rod, specify length
8	859	Shuttle Drive Eccentric
9	S828M	Special height 1.3/16" Main Shaft Pillow Block Bearing
10	821-NT 7321-NT	821-NT, Race Bed Stand for 1x3 machine or 7321-NT, Race Bed Stand for 1x3x6 machine
11	303BH	Main Shaft Bearing Housing
12	850	Needle Drive Eccentric
13	1039	1.3/16" Front Main Shaft, specify length and undercuts
14	356N	Side Needle Drive Connecting Rod, Specify thread, length
15	513	Upper Rocker Shaft Outside Support Casting

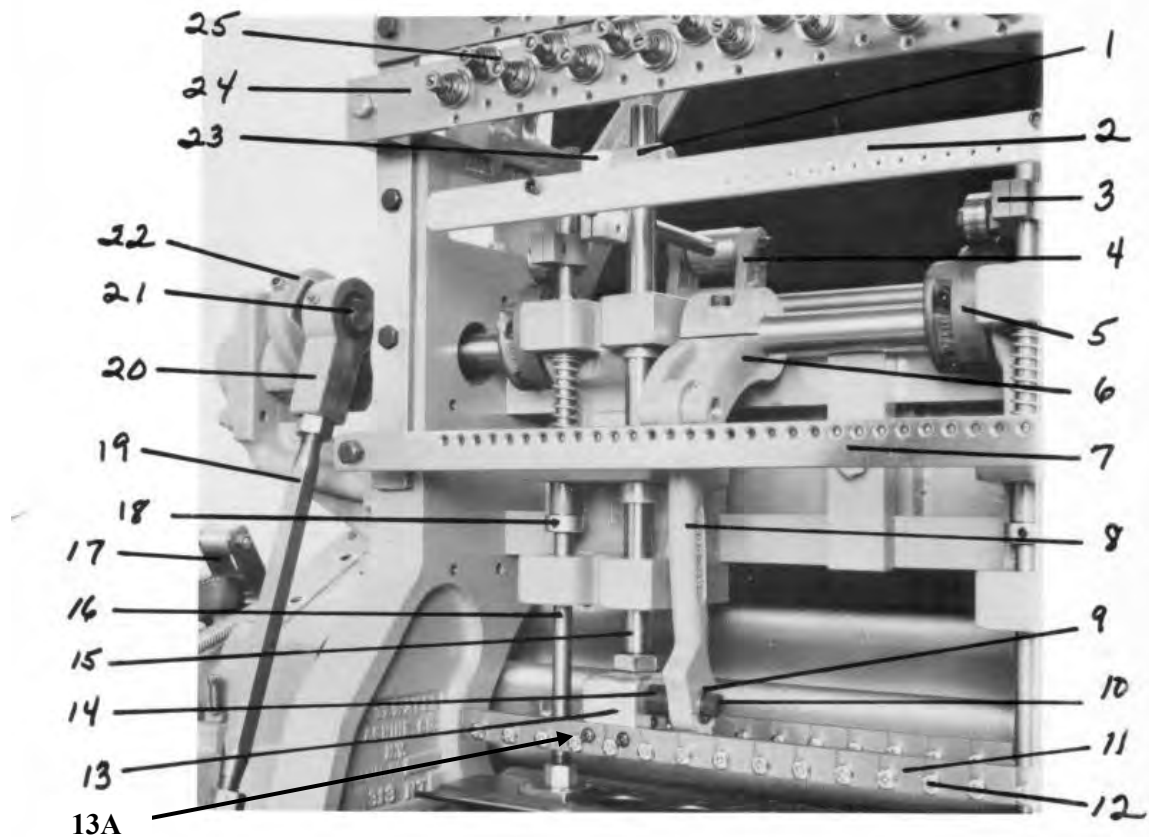
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	918	Front Hex Take Up Support Block
2	1059	Aluminum Shaker Bar with porcelain Eyelets, specify length
3	1107	Presser Foot Lifter
4	1816-NT	Rear Take Up Support
5	815	Old Type Presser Foot Cam
6	7204 or 8304	Needle Bar Lift Link Lever, (7204 for 1x3, 8304 for 1x3x6)
7	1050	Thread Guide Bar, lower
8	803 / 904	Needle Bar Lift Link with Bearings, (803 old #, 904 new #)
9	805AA	Bearing
10	805CS	Connecting Screw
11	298	Needle Bar, specify steel or aluminum and length
12	314 or 414NT	Needle Bar screw, Phillips type head or Hex head type
13	75	1x3 Needle Bar Bridge
13A	10-32 x 3/4 special screw	10-32 x 3/4" long, Special Socket Head Cap screw

Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

(Continued from previous page)

Item #	Part #	Description
14	804	Spacer
15	915	3/4" Needle Drive Rod
16	369-H or 869 -H	1/2" Presser Foot Rod, specify length, 5/8" Presser Foot Rod, specify length
17	570NT	Ratchet Brakes
18	369-C	Collar, specify 1/2" or 5/8"
19	356N	Needle Drive Connecting Rod
20	528R	Top Right Hand Link, specify 5/8-18, 5/8-11 or 3/4-16 thread
21	415	Stud for Top Link
22	7806	Upper Rocker Shaft Lever
23	418	Take Up Block Split
24	423-BC	Thread Tension Bar Complete and Assembled, specify size
25	420N 420 421 422	Tensioner Nut Tensioner Stud Tensioner Discs, (x2) Tensioner Spring

Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	367-H	1/2" Shuttle Drive Rod, specify length
2	859	Shuttle Drive Eccentric, specify thread, 5/8-18, 5/8-11 or 3/4-16
3	303-BH	Bearing Housing
4	318-NT	Grip Roller, specify length and diameter, 1.1/2" or 2"
5	3367	Grip Roller Hook
6	7389NT	Brake Tension Control for grip roller
7	942	Hub for brake tension control
8	7389NT	Brake Tension Control for grip roller
9	339-S	Front Support Arm
10	339-L	Left Support
11	442	Front Tool Tray
12		
13		

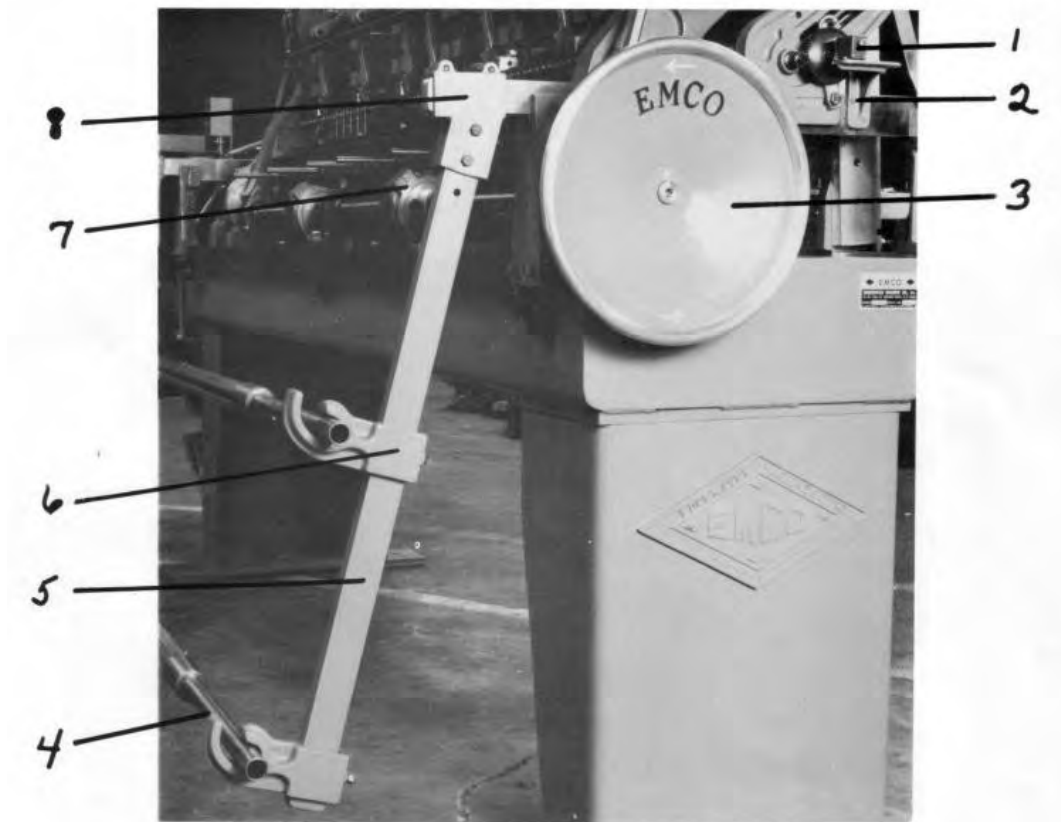
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	460	Yardage Counter
2	465	Bracket for yardage counter
3	948	Right Hand dished type Hand Wheel
4	318-NT	Grip Roller, specify length and diameter, 1.1/2" or 2"
5	339-S	Front Support Arm
6	3367	Grip Roller Hook
7	859	Shuttle Drive Eccentric
8	338	Right Hand Support for front arm
9		
10		
11		
12		
13		

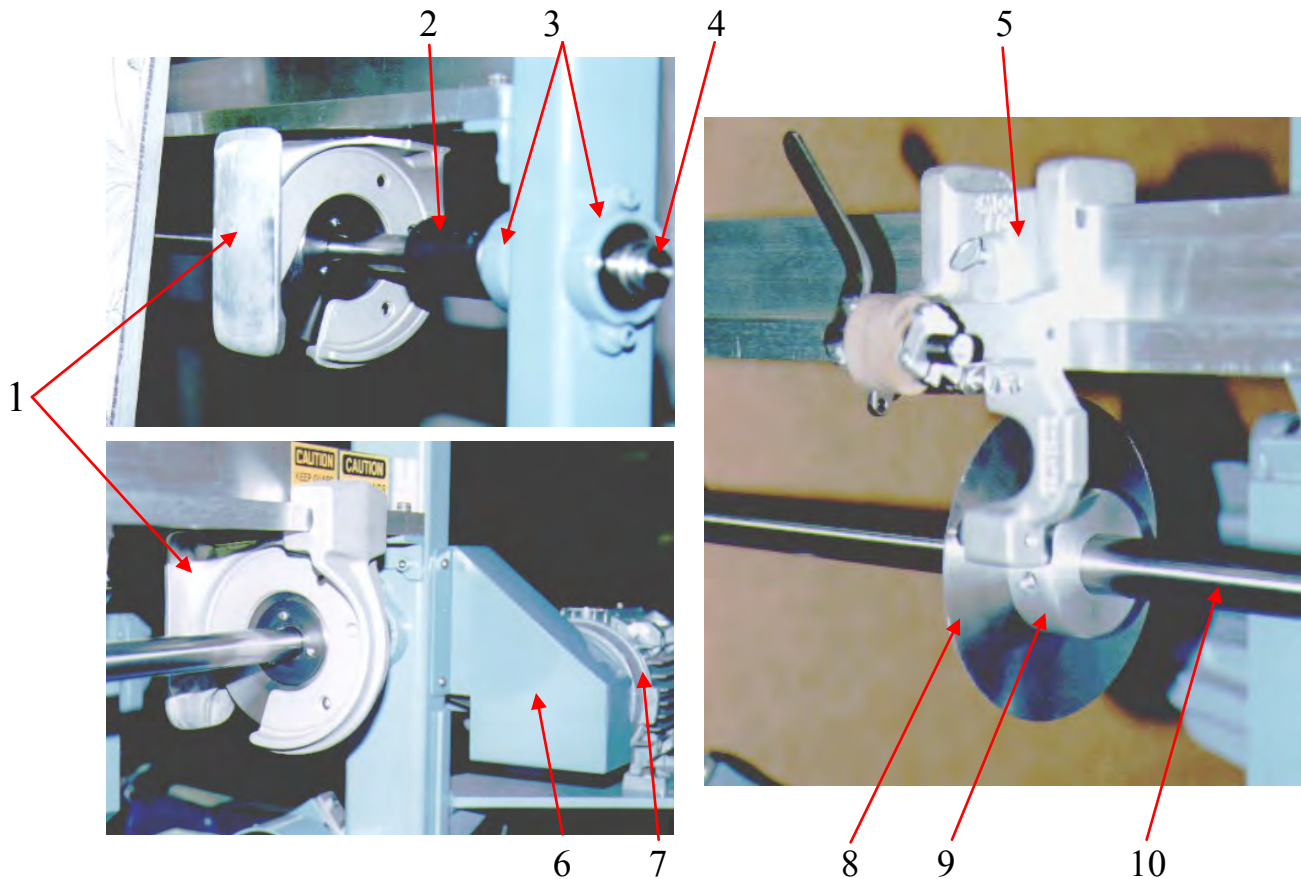
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



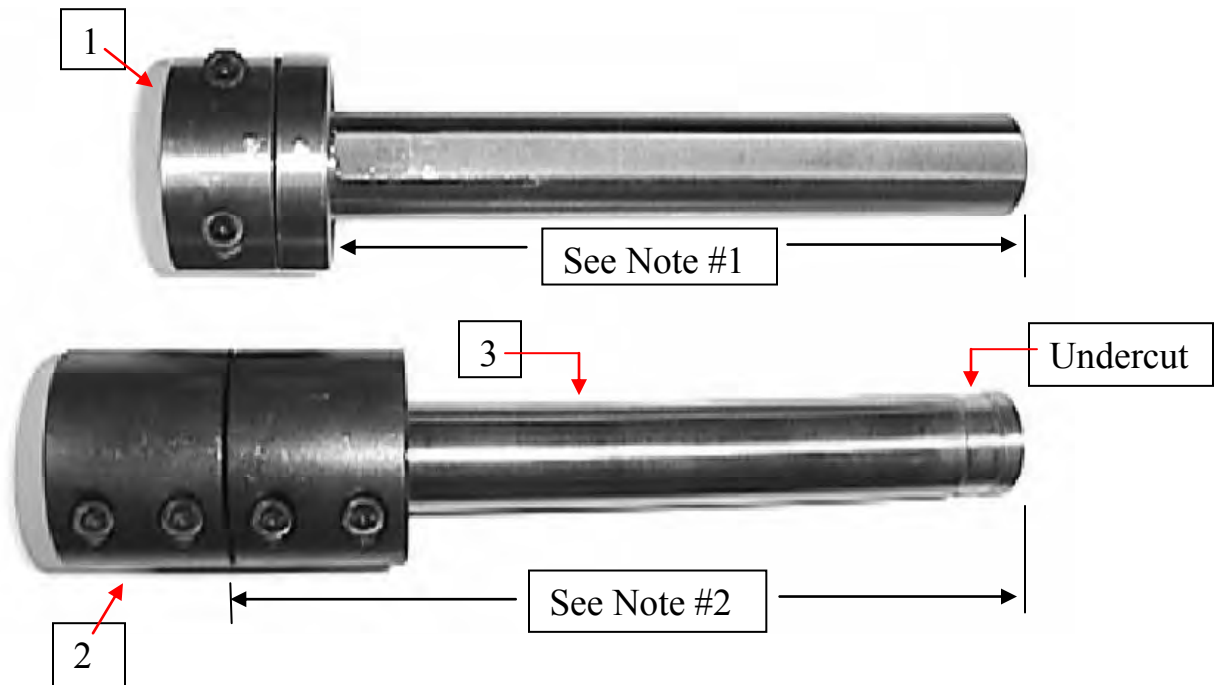
Item #	Part #	Description
1	180 or 225 or 190	Combination Guard and Cloth Guide - #180 Or older style Guard only - #225 Or style # 190 guard, not shown, used for downward cloth travel
2	233-C	Knife Shaft Coupling
3	228	1" two bolt flange bearing
4	233L or 233S	(233L) - Long Stub Shaft @ 5.1/2" long or (233S) - Short Stub Shaft @ 4.3/4" long
5	770U	Knife Sharpener, complete unit
6	229	Belt Guard
7	213-1	1 H.P. , Three Phase 220 – 440 volt motor
8	222	Knife Blade
9	223	Knife Hub
10	233	Hardened 1" Knife Shaft, you must specify length

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



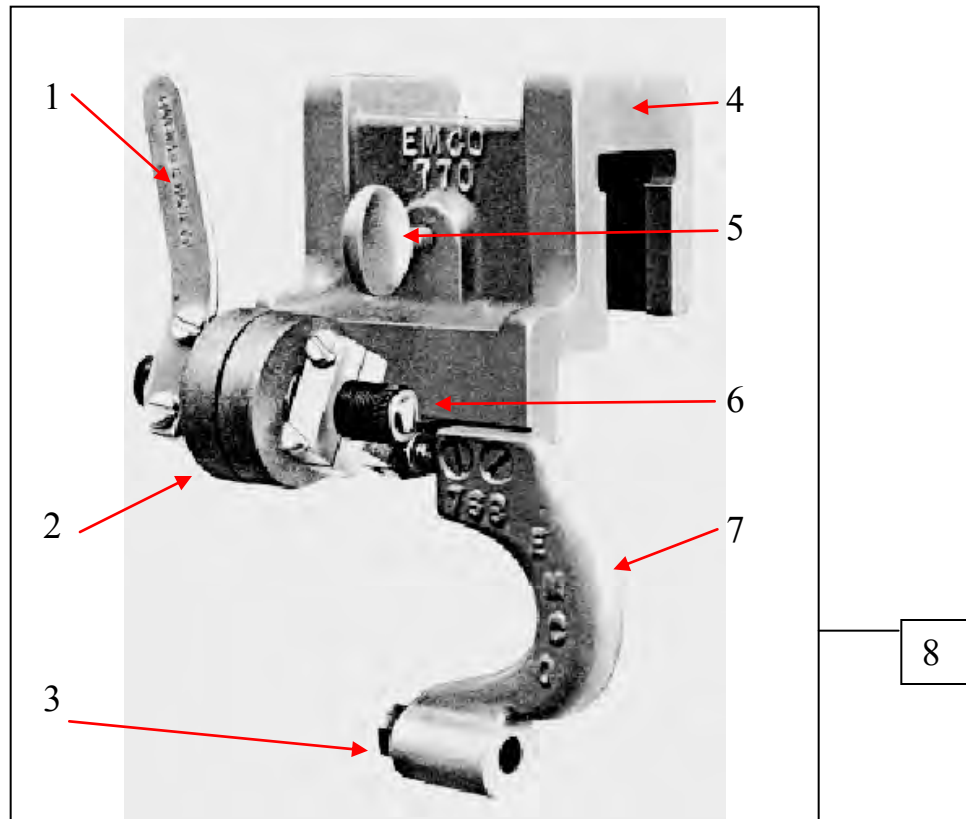
Item #	Part #	Description
1	791	Old Style Trimming Knife Shaft Receiver, Note #1 , you must specify shaft length
2	233-HC	New Type Shaft Coupling for trimming Knife Shaft
3	233-S - 4.3/4" or 233-L - 5.1/2"	Stub Shaft for New Type Knife Shaft and Coupling, Note #2 , you must specify shaft length and if has an under cut, as shown above
4		
5		
6		
7		
8		
9		
10		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



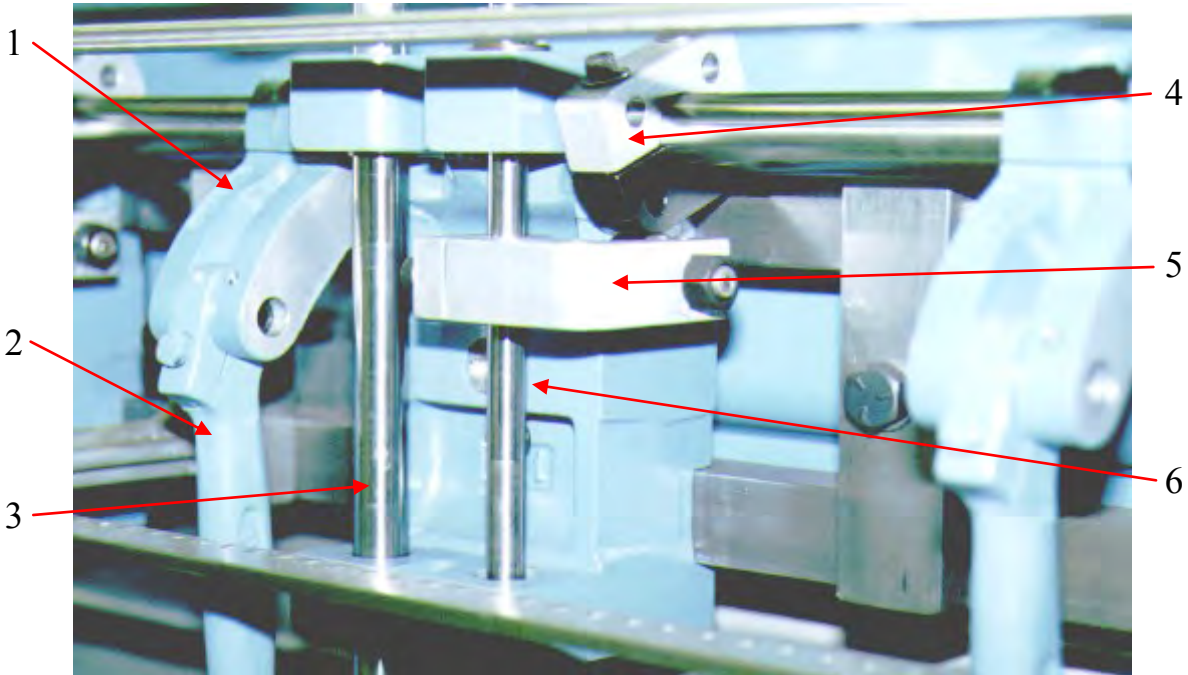
Item #	Part #	Description
1	767	Steel Handle For Knife Sharpener
2	770-S	Grinding Stones, sold individually
3	238WN	Brass Tipped Screw with Nut
4	770	Aluminum Mounting Bracket
5	766TS	1/4-20 x 3/4" long Thumb Screw
6	773-A	Complete Grinding Stone Spindle Assembly
7	768	Positioning Arm
8	770-U	Complete Knife Sharpener Unit
9		
10		
11		
12		
13		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



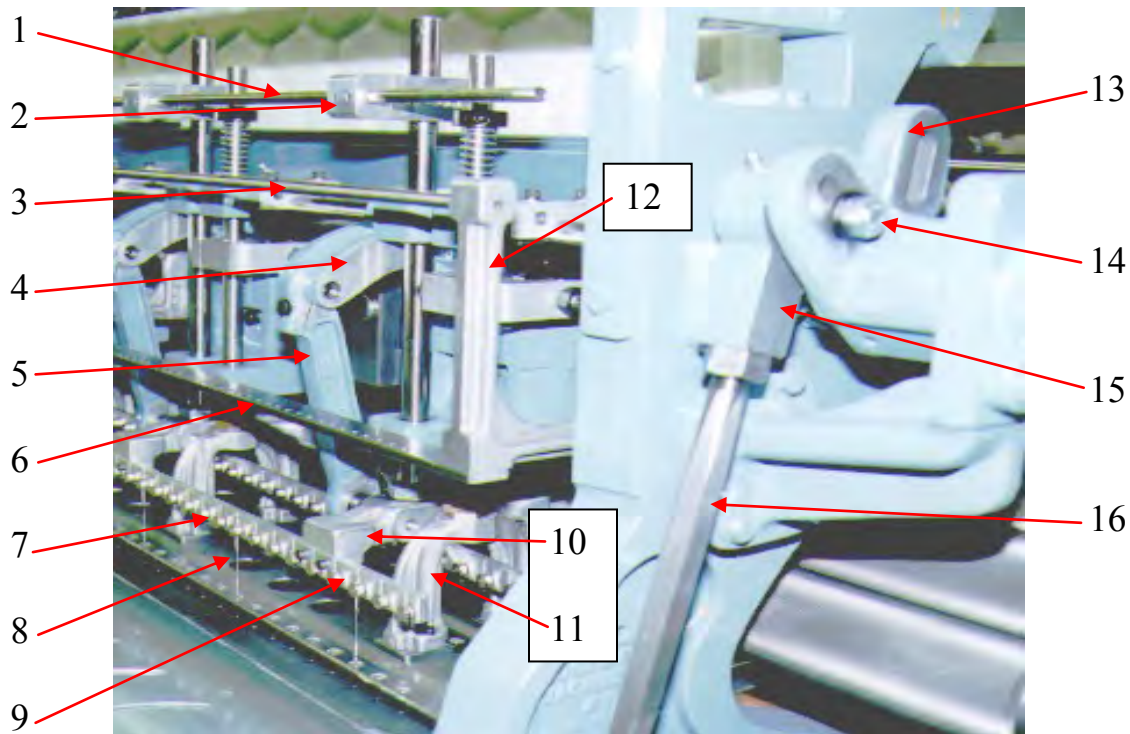
Item #	Part #	Description
1	7204-NT or 8304	Needle Bar Lift Link Lever, (7204-NT for 1x3 / 8304 for 1x3x6)
2	803 or 904	Needle Bar Lift Link, specify number from casting
3	915	3/4" Needle Rod, specify length
4	931	Posi-Down Presser Foot Cam
5	930	Posi-Down Presser Foot Rod Lever, specify 1/2" or 5/8"
6	369H or 869H	1/2" Presser Foot Rod, or 5/8" Presser Foot Rod
7		
8		
9		
10		
11		
12		
13		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



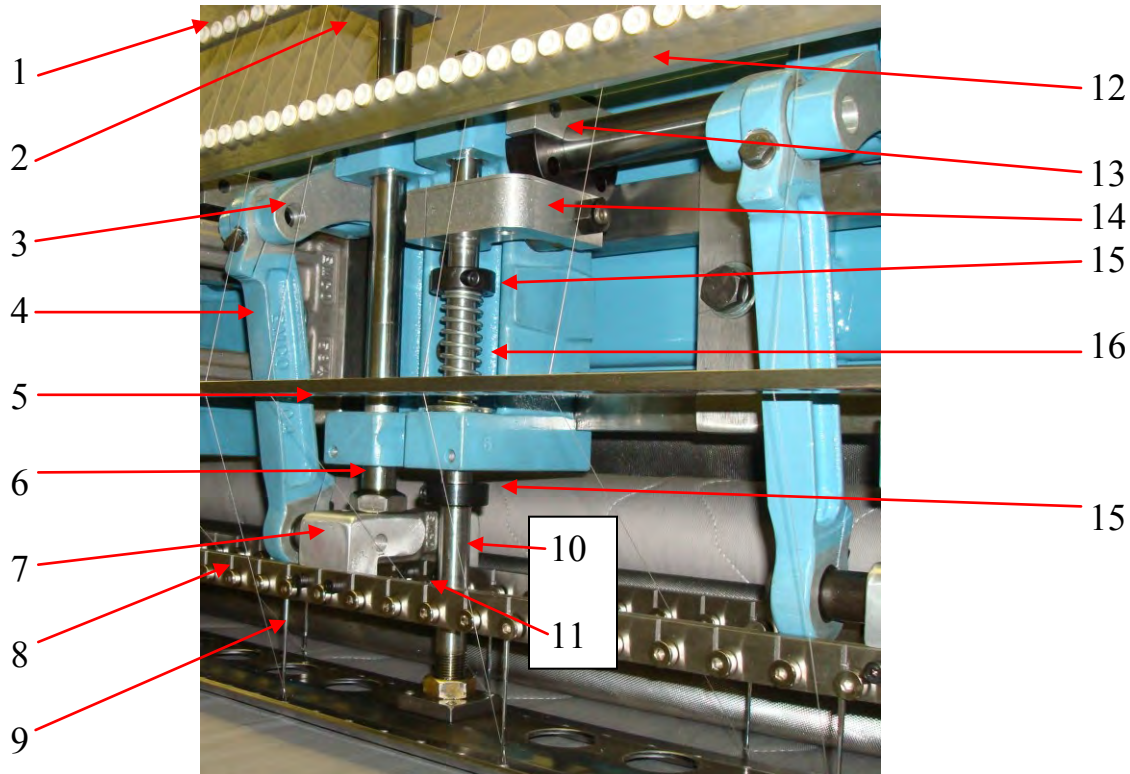
Item #	Part #	Description
1	592	3/8" Stainless Steel Thread Guide Rod, specify length
2	595	Shaker Rod Support Block
3	592	3/8" Stainless Steel Thread Guide Rod, specify length
4	7204NT or 8304	Needle Bar Lift Link Lever, (7204NT for 1x3 / 8304 for 1x3x6)
5	904	Needle Bar Lift Link with bearings
6	1050	Stationery Steel Lower Thread Eyelet Guide Bar
7	314 or 414NT	Needle Bar Screws, specify Phillips head or Hex allen head
8	160/23	Lockstitch Needles, smaller and larger needles available
9	298	Needle Bar, specify steel or Aluminum, specify length
10	1346	1x3x6 Needle Bar Bridge, specify casting number
11	550	1x3x6 Presser Foot Bridge
12	594	Old Type Thread Guide Bar Mounting Bracket
13	754Dual	Dual Right Hand Upper Rocker Shaft Drive Lever
14	415	Stud for Top Link
15	528R	Right Hand Top Link, specify thread, 5/8-18, 5/8-11, 3/4-16
16	356N	Needle Drive Connecting Rod, specify length and thread

Order Parts by Part #, not Item # .Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	1059-XX	Shaker Bar with Porcelain Eyelets, specify length (XX)
2	595-NT	Shaker Bar Support Block, only partially seen
3	7204-NT or 8304	Needle Bar Lift Lever, (7204-NT for 1x3 or 8304 for 1x3x6)
4	904	Needle Bar Lift Link with bearings
5	1050	Stationery Steel Lower Thread Eyelet Guide Bar
6	915-H	3/4" Needle Rod, specify length
7	75	1x3 Needle Bar Bridge
8	314 or 414NT	Needle Bar Screws, specify Phillips head or Hex allen head
9	160/23	Lockstitch Needles, smaller and larger needles available
10	369H or 869H	1/2" Presser Foot Rod, or 5/8" Presser Foot Rod
11	298-XX	Needle Bar, specify Steel or Aluminum, specify length (XX)
12	1059-A-XX	Stationery Aluminum Eyelet Guide Bar, specify length (XX)
13	931	Presser Foot Posi Down Cam
14	930	Presser Foot Rod Lever, specify 1/2 " or 5/8 "
15	369-C	Clamp Type Collar, specify 1/2 " or 5/8 "
16	293-S	Presser Foot Lift Spring

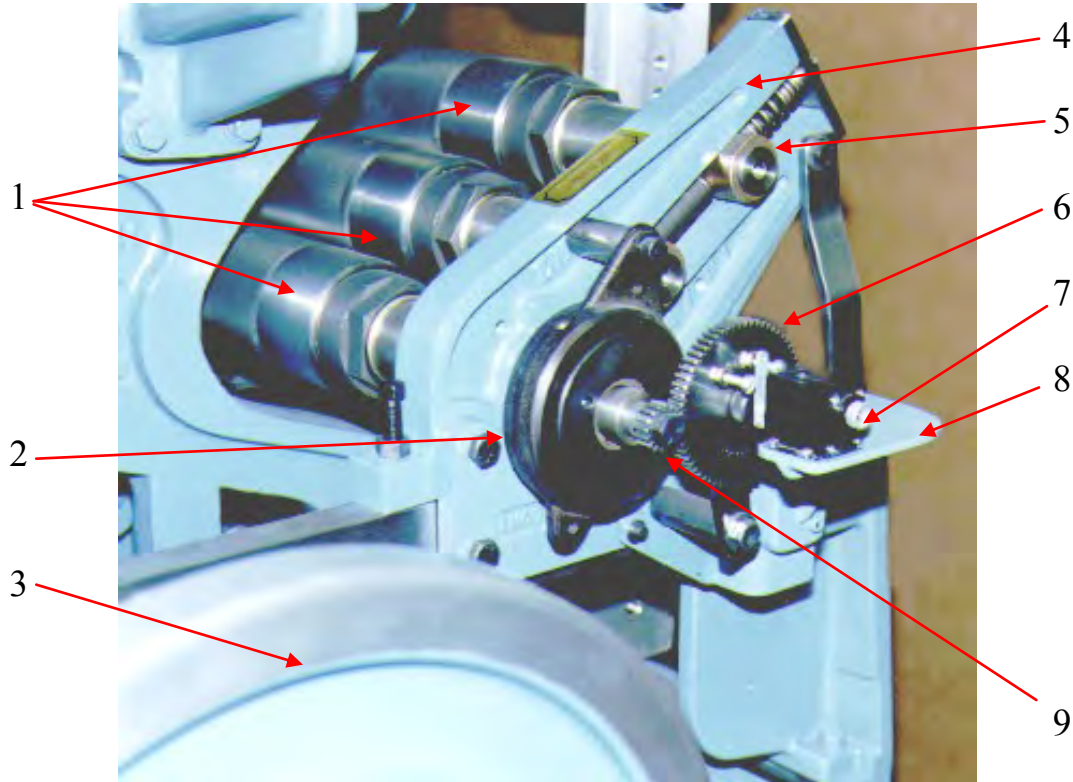
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



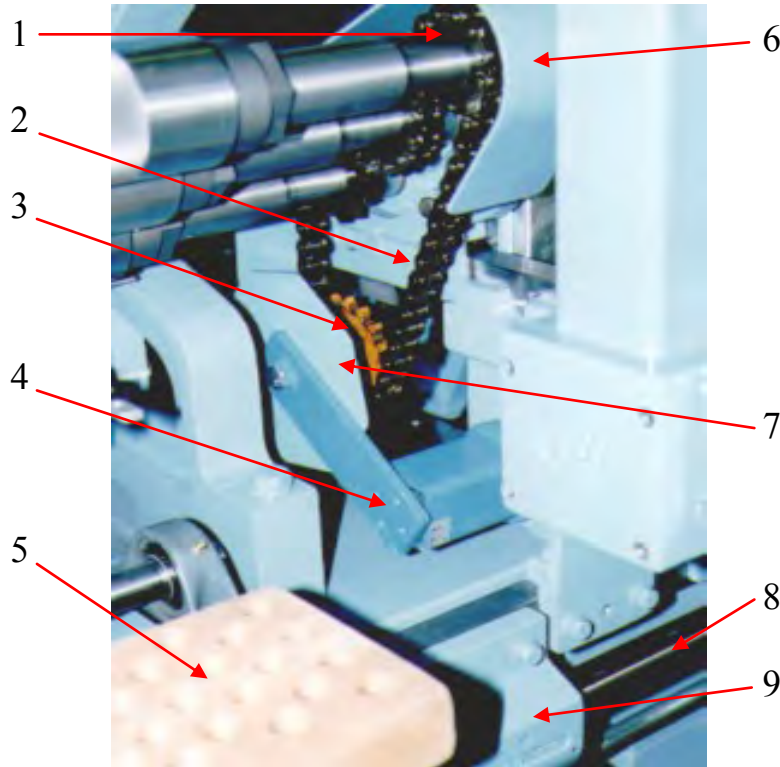
Item #	Part #	Description
1	345-3	Feed Rolls, 3" Knurled, full dimensions must be submitted
2	349	Back Stop Clutch for Feed Rolls
3	90	Handwheel
4	947-NT	Feed Roll Bracket, specify 1x3 or 1x3x6 machine
5	347-M	Feed Roll Bushing with flats, specify RH or LH
6	462	Yardage Counter Large Gear
7	460	Yardage Counter, 1 yard count
8	465	Yardage Counter Mounting Bracket
9	463	Yardage Counter Small Gear
10		
11		
12		
13		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



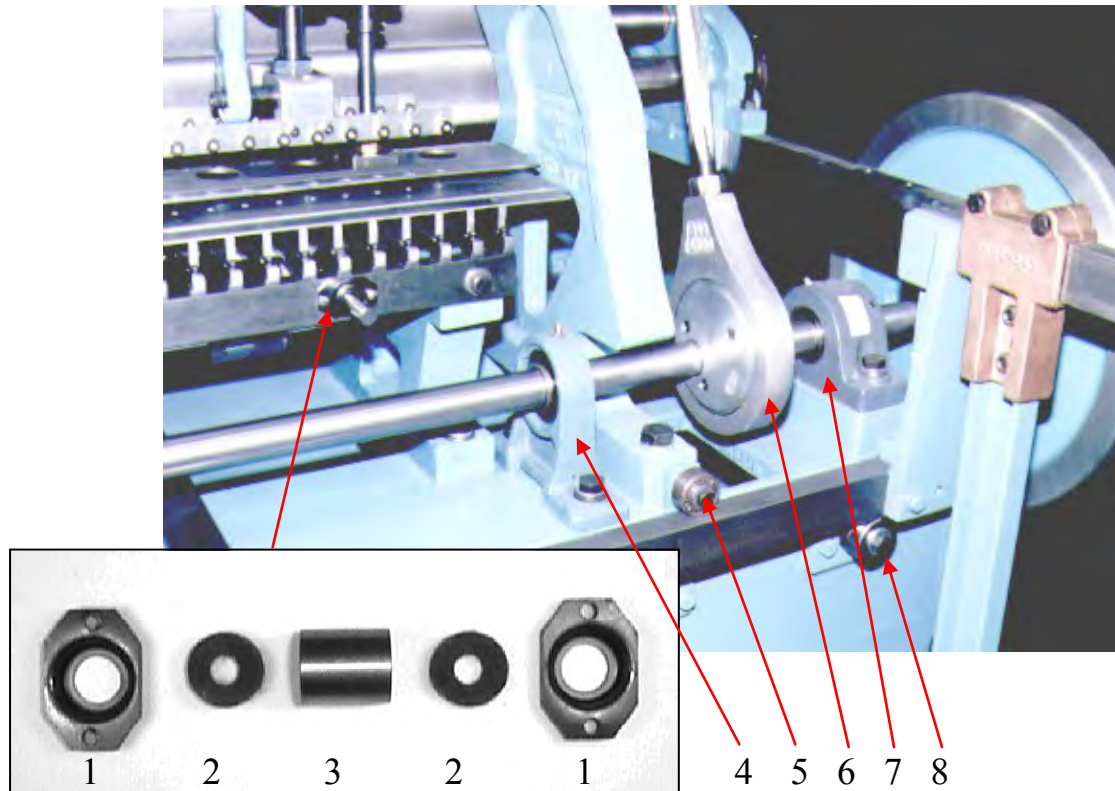
Item #	Part #	Description
1	266	12 Tooth Sprocket, specify 1" bore or 1.1/8" bore
2	268	Roller Chain, specify length
3	266	Idler Sprocket with bearing for chain tensioner, specify bore
4	269	Feed Roll Chain Drive tensioner
5	430	Wooden Shuttle Tray, specify length
6	741	Feed Roll Chain Guard
7	271	Octagonal Guard for Chain Tensioner Idler Sprocket
8	818	1.1/2" Hardened Linear Rod, specify length
9	813	Carriage Rear Support Housing
10		
11		
12		
13		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	1129	Retainer, two pieces used per bushing
2	1130L	Oil Retaining Felt Washer, two pieces used per bushing
3	577	Sintered Bushing
4	S828M	Special Height Main Shaft Pillow Block Bearing
5	438	Carriage Hold Down Bearing
6	849/850	Needle Drive Eccentric, check casting for part numbers
7	938-HD	Heavy Duty Main Shaft Roller Bearing
8	381-2	Front Carriage Support Bearing, Two bearings required for each support
9		
10		
11		
12		
13		

Order Parts by Part #, not Item # .

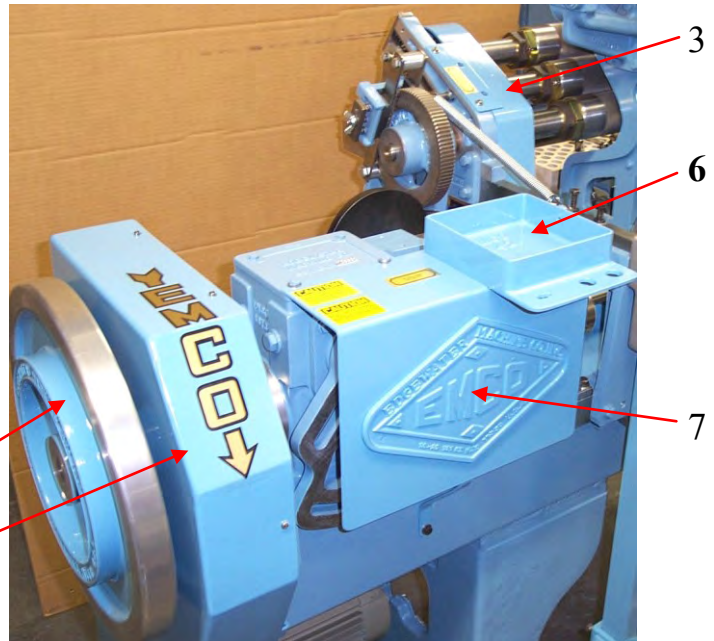
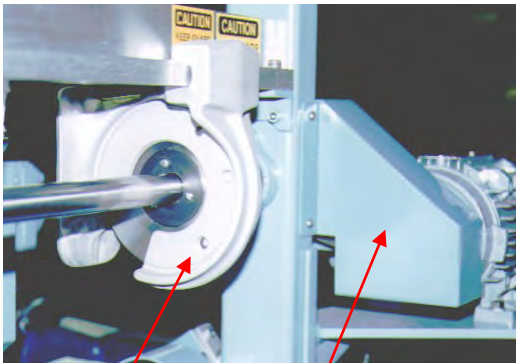
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

Safety Guards

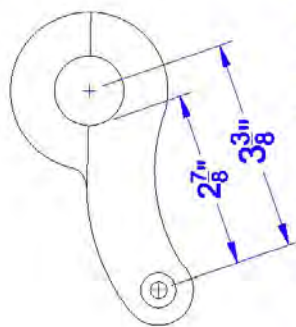


Item #	Part #	Description
1	180	Combination Cloth Guide and Knife Blade Guard
2	229	Trimming Attachment Motor Belt Guard
3	741	Feed Roll Drive Chain Guard
4	90	Smooth Surface Safety Handwheel, no spokes
5	93A & 93B	Belt Guard for Main Shaft Drive Belts, large guard and inside guard
6	442	Tool Tray
7	469C 469	Change Gear Guard on Gear Box, complete with Tool Tray Change Gear Guard on Gear Box, without Tool Tray
8		
9		
10		
11		
12		

Order Parts by Part #, not Item # .

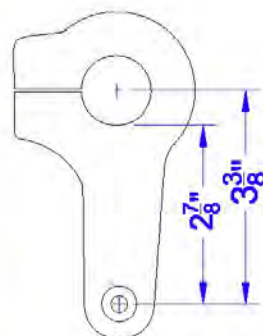
Always include Model # and Serial # of machine when ordering parts.

NEEDLE BAR LIFT LINK LEVERS



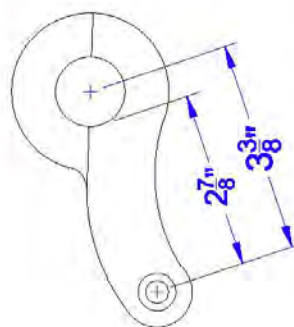
PART # 7204 - OLD TYPE

USED ON OLD
2 NEEDLE BAR MACHINES
WITH 5/16 X 3/8 SHOULDER SCREW.
LIFT LINK USES A BUSHING OR NEEDLE BEARING.
**ALWAYS HAVE CUSTOMER CHECK
CENTER TO CENTER DIMENSION**



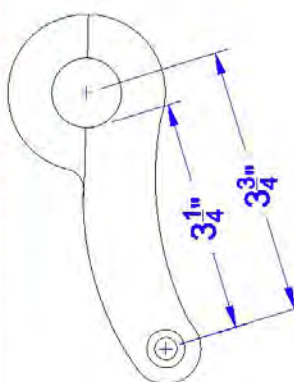
PART # 7004

No longer available
USED ON OLD 2 AND 3 NEEDLE BAR MACHINES
WITH 5/16 X 3/8 SHOULDER SCREW.
LIFT LINK USES A BUSHING OR NEEDLE BEARING.
**ALWAYS HAVE CUSTOMER CHECK
CENTER TO CENTER DIMENSION**



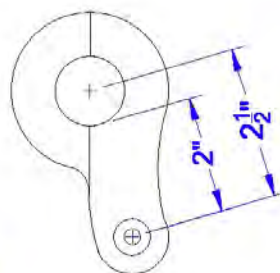
PART # 7204 - NEW TYPE

USED ON NEW
2 NEEDLE BAR MACHINES
WITH SPECIAL 3/8 SOCKET HEAD CAP SCREW
HEAD OF SCREW TURNED DOWN TO .530".
**CAN ALSO BE USED ON OLD 1X3X6 MACHINES
THAT PREVIOUSLY USED THE 7004 LEVERS.
ALWAYS HAVE CUSTOMER CHECK
CENTER TO CENTER DIMENSION.**



PART # 8304 - NEW TYPE

USED ON NEW
3 NEEDLE BAR MACHINES
WITH SPECIAL 3/8 SOCKET HEAD CAP SCREW
HEAD OF SCREW TURNED DOWN TO .530".
**ALWAYS HAVE CUSTOMER CHECK
CENTER TO CENTER DIMENSION**



PART # 7404

USED ON OLD
2 NEEDLE BAR MACHINES
WITH 5/16 X 3/8 SHOULDER SCREW.
LIFT LINK USES A BUSHING OR NEEDLE BEARING.
**ALWAYS HAVE CUSTOMER CHECK
CENTER TO CENTER DIMENSIONS**



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE: Needle Bar Lift Link Levers
7004 - 8304

SCALE: TOLERANCE: (INCHES) X.XX ±0.01
None UNLESS OTHERWISE SPECIFIED X.XXX ±0.002
ANGLE ±1°

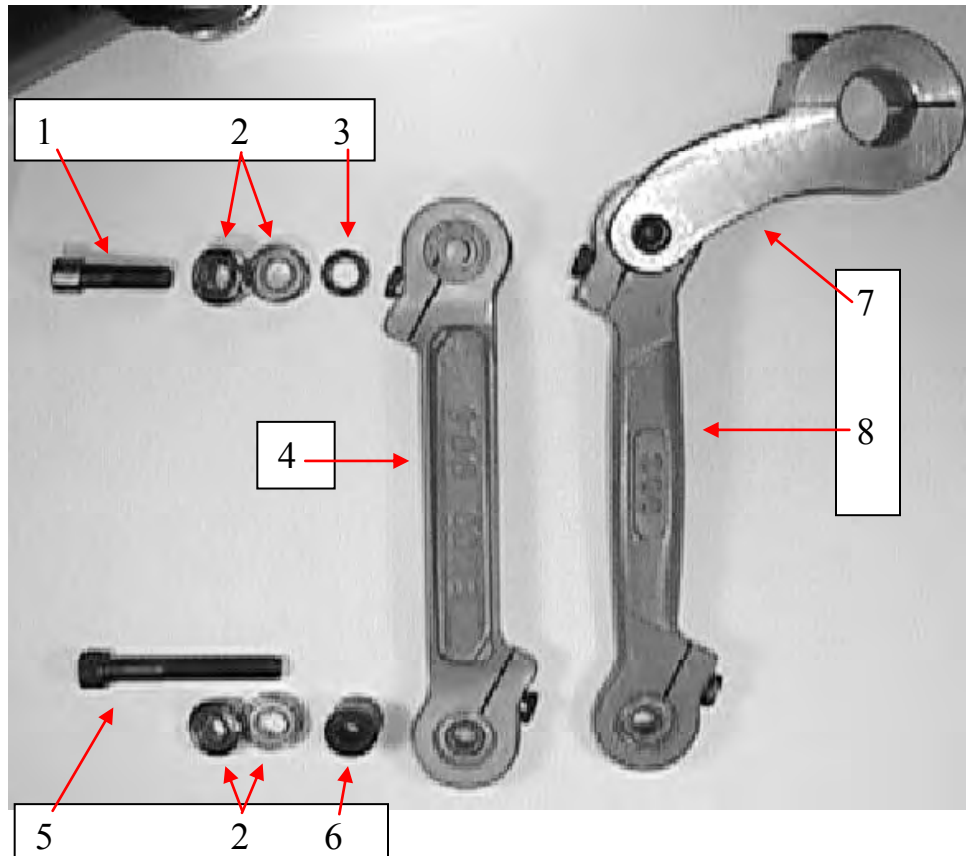
DATE: 02/08/00
DRAWN BY: Roy S.
PART #: 7004 - 8304

REV. DATE: FILE NAME:
04/13/07 Needle Bar Lift Link Levers
7004 - 8304

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



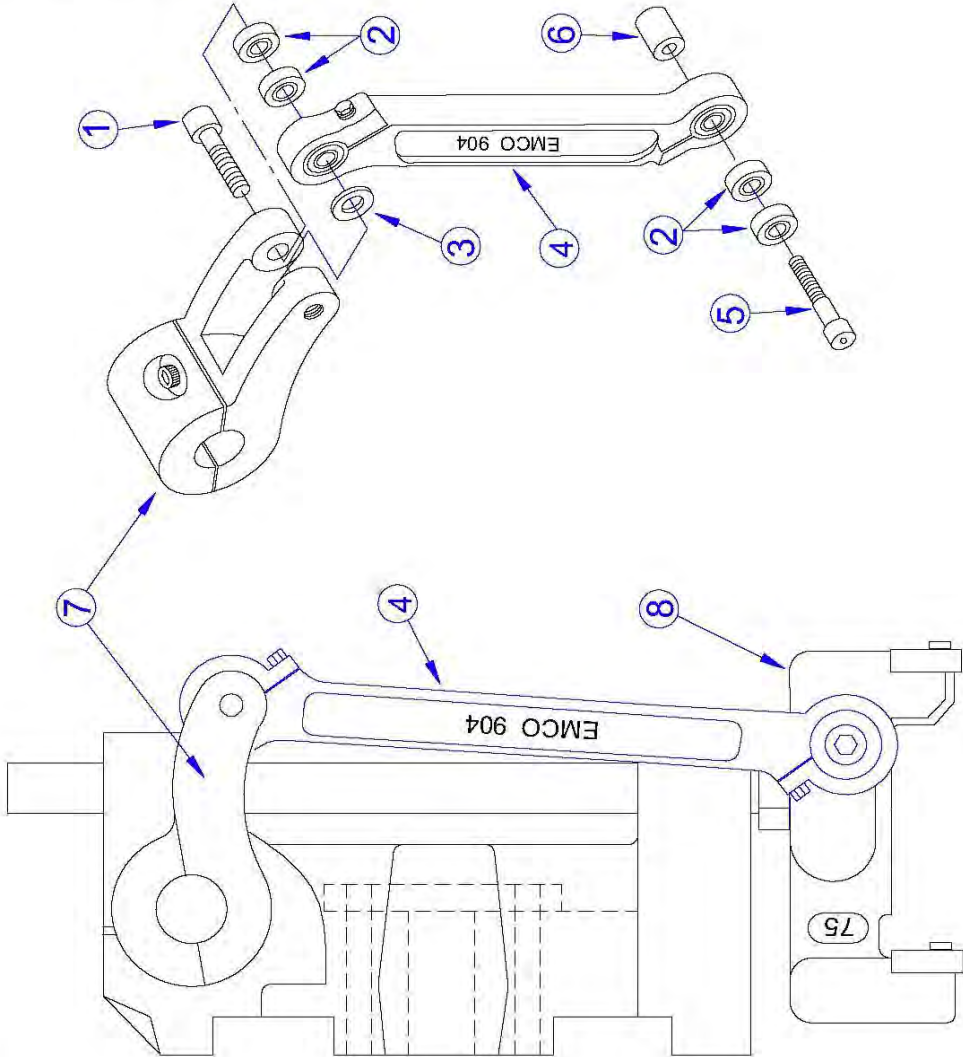
Item #	Part #	Description
1	802	Top Needle Bar Lift Link Screw
2	806B	Bearings, Two each required for both the top and bottom
3	807-S	Spacer Washer
4	904	Needle Bar Lift Link with bearings installed
5	805-CS	Lower connecting screw
6	804	Spacer, use the sharp edge against the needle bar bridge
7	7204 or 8304	Needle Bar Lift Link Lever, (7204 for 1x3 / 8304 for 1x3x6)
8	803	Needle Bar Lift Link with bearings installed, this is the old type, New type replacement is #904, shown as item 4 above User must use #7204-NT Lever with the #904 Lift Link.
9		
10		
11		

Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	802	SPECIAL TOP NEEDLE BAR LIFT LINK SCREW 3/8-16 x 1.1/4" long with head turned down to .530"
2	806-B	BEARINGS, 2 REQUIRED
3	807-S	SPECIAL SPACER WASHER
4	904	NEEDLE BAR LIFT LINK
5	805-CS	LOWER CONNECTING SCREW, 3/8-24 x 2.1/2"
6	804	SPACER, (NOTE - SHARP EDGE AGAINST NEEDLE BAR BRIDGE)
7	7204	NEEDLE BAR LIFT LINK LEVER
8	75	NEEDLE BAR BRIDGE FOR 1x3 MACHINES

EXPLODED VIEW

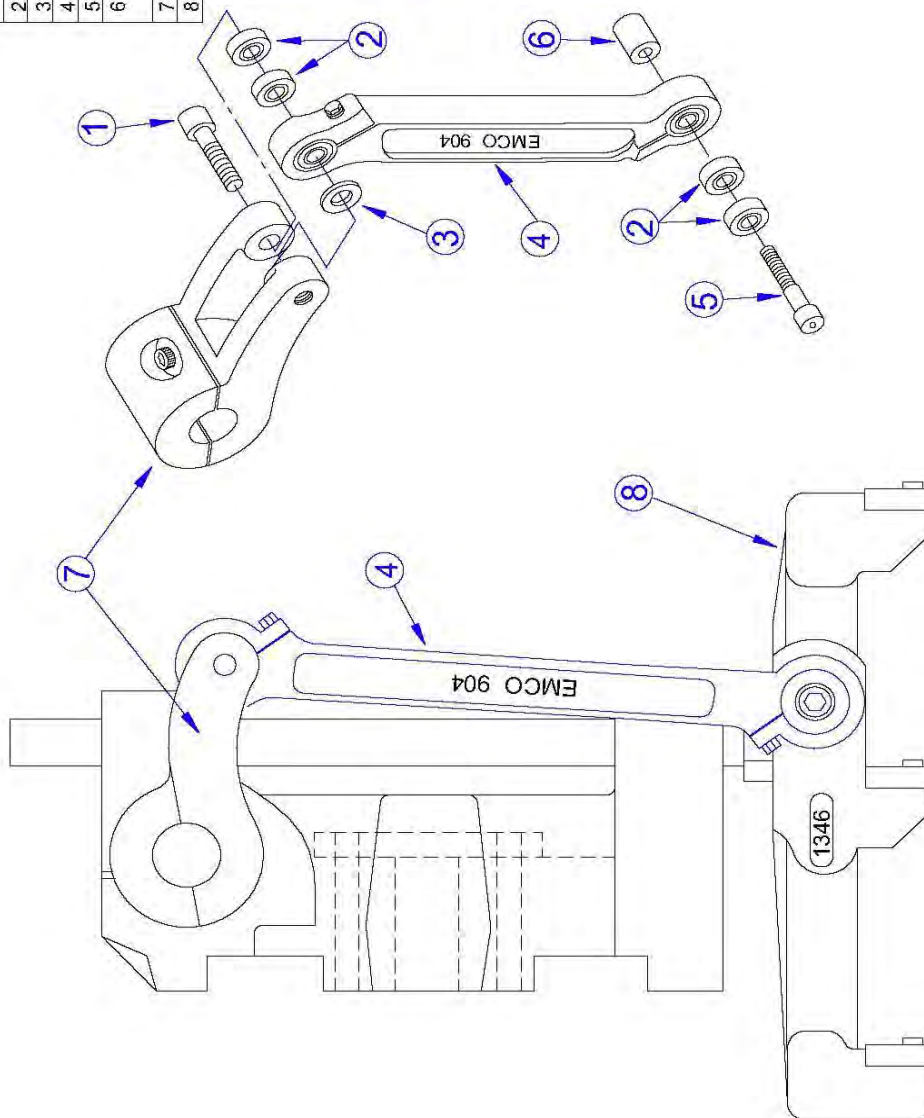


EDGEWATER MACHINE CO., INC.
 13-20 131st. STREET
 COLLEGE POINT, NY 11356 U.S.A.
 Phone: 718-539-8200 Fax: 718-358-4648
 Email: info@edgewatermachine.com

DRAWING TITLE:		Needle Bar Lift Link Assembly - 7204 & 904	
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
None	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.002
DATE:	DRAWN BY:	PART #:	ANGLE ±1°
02/07/00	Roy S.	7204 & 904	
REV. DATE:	FILE NAME:	Needle Bar Lift Link Assembly	
01/10/11		7204 & 904	

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	802	SPECIAL TOP NEEDLE BAR LIFT LINK SCREW 3/8-16 x 1-1/4" long with head turned down to .530"
2	806-B	BEARINGS, 2 REQUIRED
3	807-S	SPECIAL SPACER WASHER
4	904	NEEDLE BAR LIFT LINK
5	805-CS	LOWER CONNECTING SCREW, 3/8-24 x 2 1/2"
6	804	SPACER, (NOTE - SHARP EDGE AGAINST NEEDLE BAR BRIDGE)
7	8304	NEEDLE BAR LIFT LINK LEVER
8	1346	NEEDLE BAR BRIDGE FOR 1X3x6 MACHINES



**EXPLODED
VIEW**



EDGEWATER MACHINE CO., INC.

13-20 131st STREET
COLLEGE POINT, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE:

Needle Bar Lift Link Assembly - 8304 & 904

SCALE:	TOLERANCE:	(INCHES)
None	UNLESS OTHERWISE SPECIFIED	X.XX ±0.01 X.XXX ±0.002 ANGLE ±1°

DATE: 02/07/00 DRAWN BY: Roy S. PART #: 8304 & 904

REV. DATE: 01/10/11 FILE NAME: Needle Bar Lift Link Assembly

01/10/11

8304 & 904

EXPLODED VIEW

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	297	SHOULDER SCREW
2	805-B	BUSHING
3	805-N-RH	3/8-24 RIGHT HAND NUT
4	805-N-LH	3/8-24 LEFT HAND NUT
5	804	SPACER, (SHARP EDGE AGAINST NEEDLE BAR BRIDGE)
6	805-CS	LOWER CONNECTING SCREW
7	806-B	BEARINGS, 2 REQUIRED
8	7204	NEEDLE BAR LIFT LEVER, LONG TYPE
9	805-RH	TOP LINK, 3/8-24 RIGHT HAND THREAD
10	805-C	LIFT LINK CONNECTING ROD, 3/8-24 RH & LH THREAD
11	805-LH	LOWER LINK, LEFT HAND THREAD
12	75	NEEDLE BAR BRIDGE FOR 1x3 MACHINES

EDGEWATER MACHINE CO., INC.
13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4848
Email: info@edgewatermachine.com

DRAWING TITLE: Needle Bar Link / Lever Assy.
(7204 with Connecting Rod Assy.)

SCALE:	TOLERANCE: (INCHES)	X.XX ±0.01	X.XXX ±0.002	X.XXX ±0.002
None	UNLESS OTHERWISE SPECIFIED			ANGLE ±1°
DATE:	DRAWN BY:	PART #:		
02/07/00	Roy S.	7204		
REV. DATE:	FILE NAME:			
01/10/11	Needle Bar Link-Lever 7204 CR			

EXPLODED VIEW

BILL OF MATERIAL

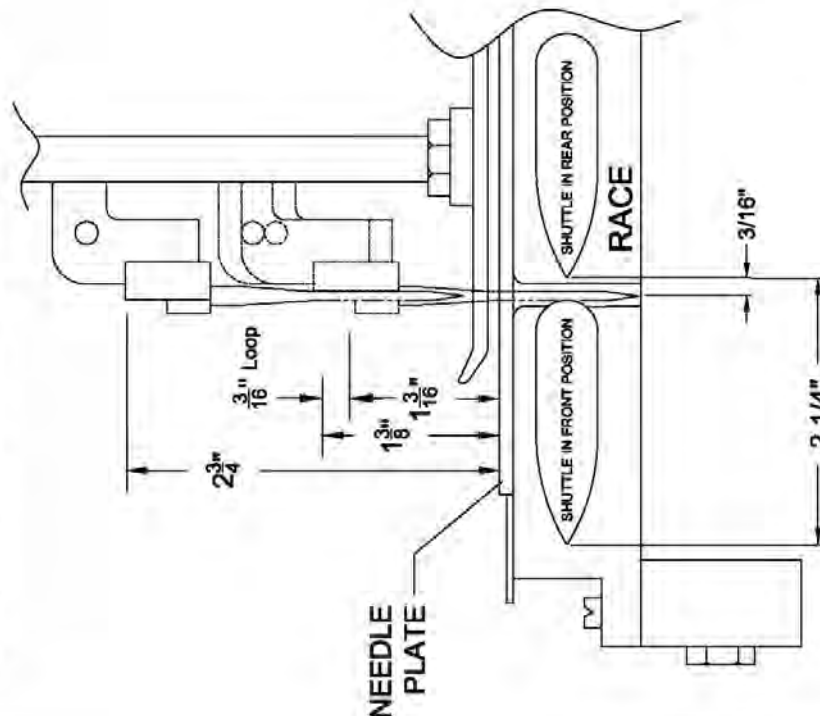
ITEM#	PART#	DESCRIPTION
1	297	SHOULDER SCREW
2	805-B	BUSHING
3	805-N-RH	3/8-24 RIGHT HAND NUT
4	805-N-LH	3/8-24 LEFT HAND NUT
5	804	SPACER, (SHARP EDGE AGAINST NEEDLE BAR BRIDGE)
6	805-CS	LOWER CONNECTING SCREW
7	806-B	BEARINGS, 2 REQUIRED
8	7404	NEEDLE BAR LIFT LEVER, SHORT TYPE
9	805-RH	TOP LINK, 3/8-24 RIGHT HAND THREAD
10	805-C	LIFT LINK CONNECTING ROD, 3/8-24 RH & LH THREAD
11	805-LH	LOWER LINK, LEFT HAND THREAD
12	75	NEEDLE BAR BRIDGE FOR 1x3 MACHINES

EDGEWATER MACHINE CO., INC.
 13-20 131st STREET
 COLLEGE POINT, NY 11356 U.S.A.
 Phone: 718-539-8200 Fax: 718-358-4648
 Email: info@edgewatermachine.com

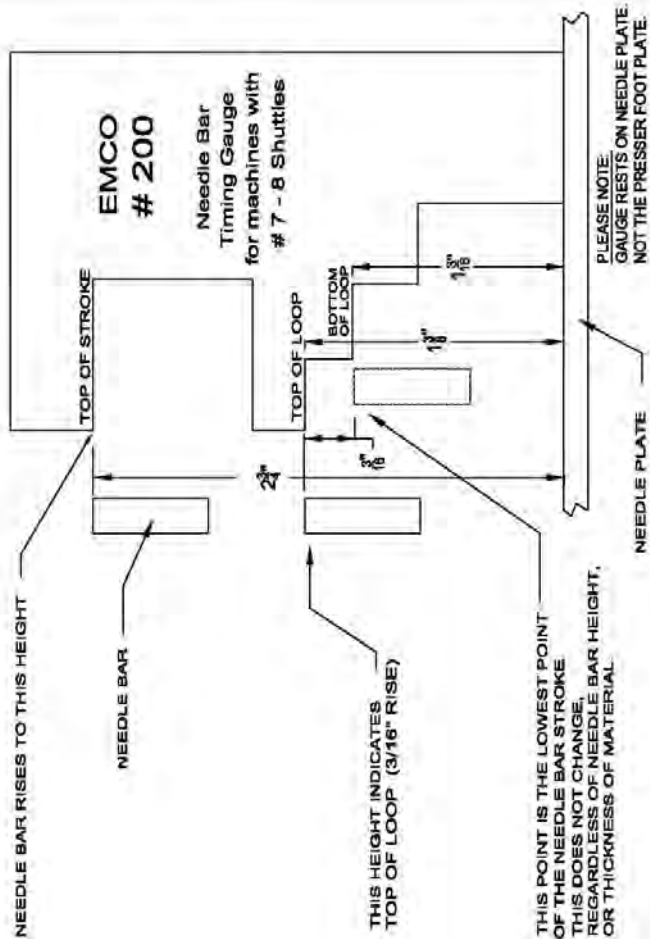
DRAWING TITLE: Needle Bar Link / Lever Assy.
 (7404 with Connecting Rod Assy.)

SCALE:	TOLERANCE: (INCHES)	XXX ±0.01
None	UNLESS OTHERWISE SPECIFIED	XXX ±0.002
DATE:	DRAWN BY:	PART #:
02/07/00	Roy S.	7404
REV. DATE:	FILE NAME:	
01/10/11	Needle Bar Link-Lever 7404 CR	

"S"- STANDARD - #7-8 SHUTTLE MACHINE



FULL STROKE OF #7-8 SHUTTLE - $2\frac{1}{4}$ "

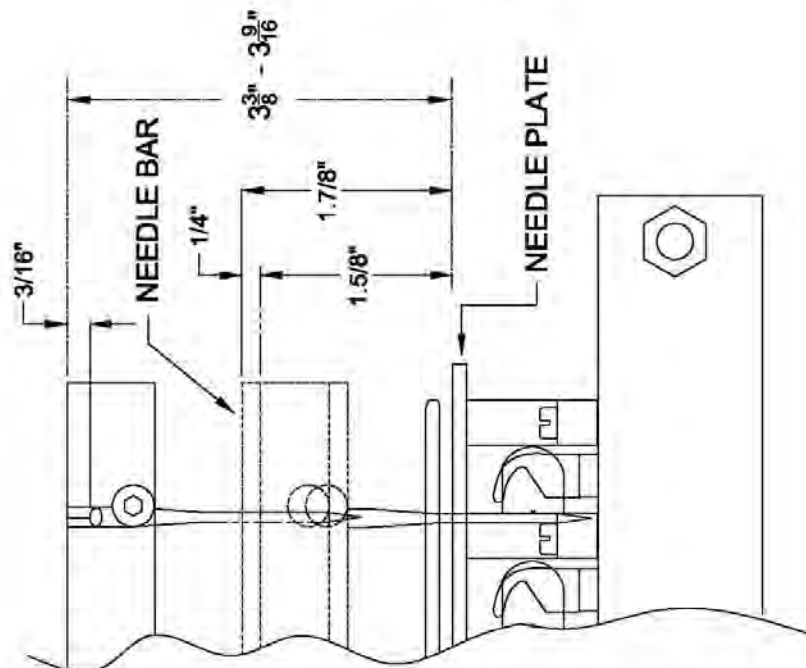


EDGEWATER MACHINE CO., INC.
13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648

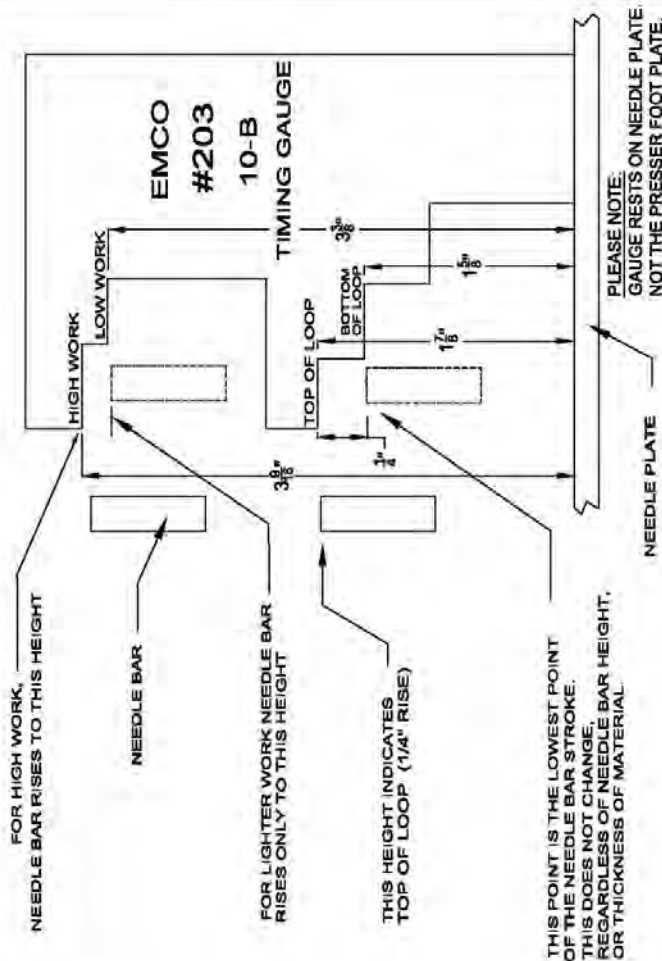
DRAWING TITLE: Needle Bar Timing Gauge for #7 Shuttle Machines	
SCALE: (UNIT) X.XX ±0.01	TOLERANCE: (UNIT) X.XX ±0.01
DATE: 06/30/04	REV. DATE: 05/12/05
DRAWN BY: Roy S.	FILE NAME: 200 Timing Gauge
PART #: 200	



"M"- MATTRESS - #10-B SHUTTLE MACHINE



FULL STROKE OF #10-B SHUTTLE - 2 3/4"



PLEASE NOTE:
GAUGE RESTS ON NEEDLE PLATE
NOT THE PRESSER FOOT PLATE.



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET

COLLEGE POINT, NY 11356 U.S.A.

PHONE: 718-539-8200

FAX: 718-358-4648

DRAWING TITLE: Needle Bar Timing Gauge for

#10B Shuttle Machines

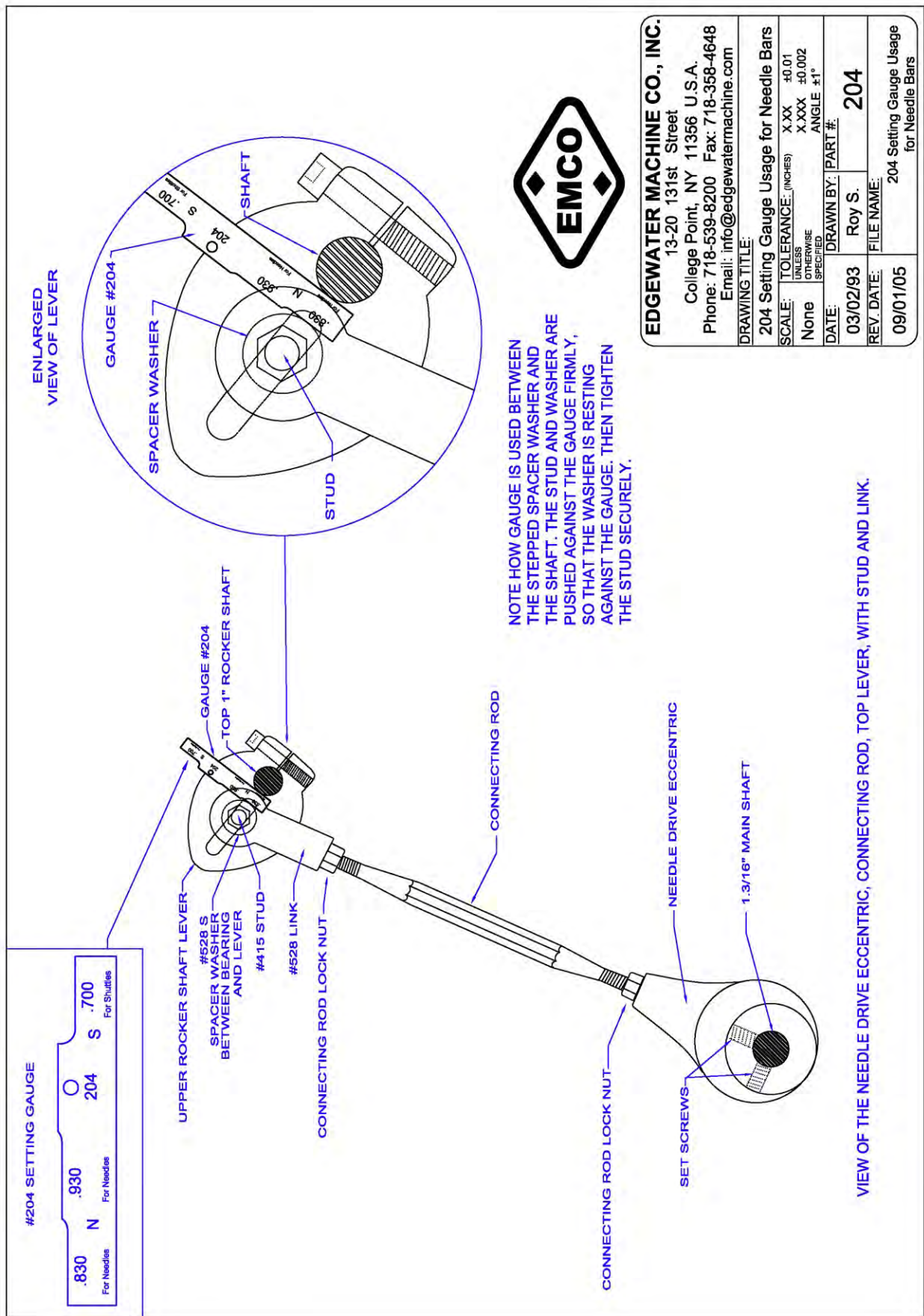
SCALE: TOLERANCE: (INCHES) X.XX ±0.01

UNLESS OTHERWISE SPECIFIED X.XXX ±0.002

DATE: DRAWN BY: Roy S. PART #: 203

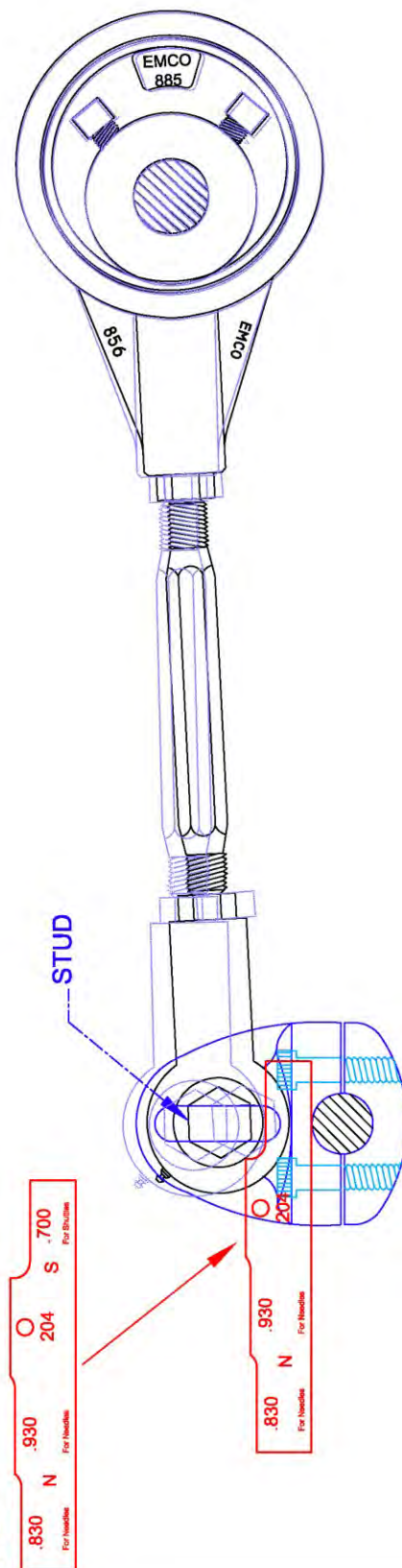
REV. DATE: FILE NAME: 203 Timing Gauge

05/12/05



Shuttle Stroke, changing the amount of stroke

The #204 timing gauge fits between the shaft and the step washer. The step washer is between the bearing and the lever.



Moving the stud downward in the slotted lever will increase the amount of shuttle stroke.

Moving the stud upward in the slotted lever will decrease the amount of shuttle stroke.

Moving this stud in the slotted lever does not change the position of the stroke, only the amount of stroke.

Caution: Moving the stud up and down is very sensitive. When the stud is moved even a few thousands of an inch, this makes a big change in the amount of stroke.

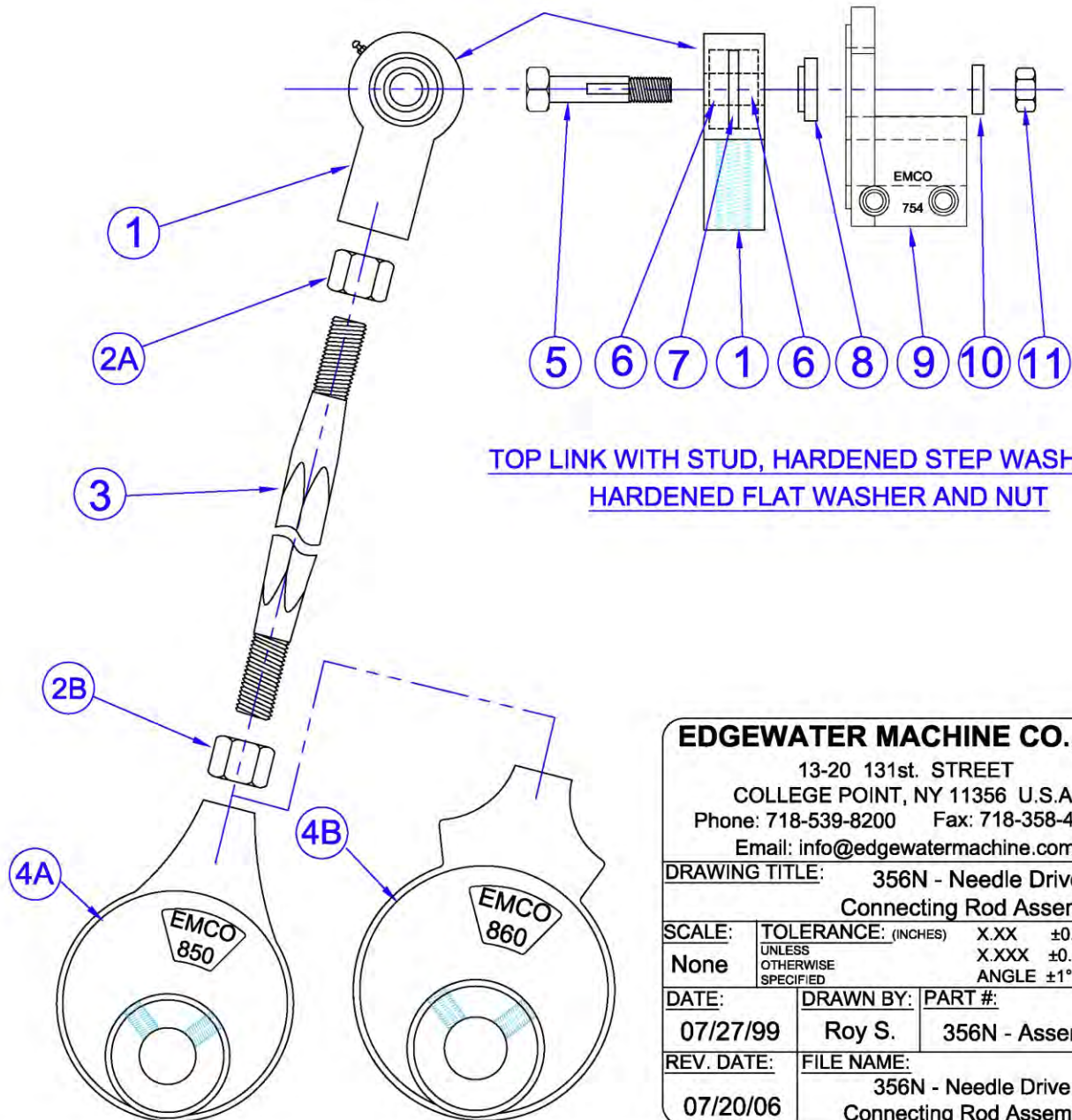


EDGEWATER MACHINE CO., INC.
13-20 131st Street
College Point, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE: Shuttle Stroke,	
changing the amount of stroke	
SCALE: TOLERANCE: (INCHES)	X.XX ±0.01
None UNLESS OTHERWISE SPECIFIED	X.XXX ±0.002
DATE: 06/19/05	DRAWN BY: PART #:
REV. DATE: 06/19/05	FILE NAME: Shuttle Stroke,
changing the amount of stroke	

BILL OF MATERIAL

ITEM	PART No.	DESCRIPTION
1	528	TOP LINK, R.H. THREAD, (SPECIFY THREAD TYPE: 5/8-18, 5/8-11, or 3/4-16)
2A	358N	RIGHT HAND NUT (SPECIFY THREAD TYPE: 5/8-18, 5/8-11, or 3/4-16)
2B	357N	LEFT HAND NUT (SPECIFY THREAD TYPE: 5/8-18, 5/8-11, or 3/4-16)
3	356N	NEEDLE DRIVE CONNECTING ROD (SPECIFY LENGTH AND THREAD TYPE)
4A	850	NEEDLE DRIVE ECCENTRIC (USED WITH 1 x 3 MACHINE)
4B	860	NEEDLE DRIVE ECCENTRIC (USED WITH 1 x 3 x 6 MACHINE)
5	415	STUD
6	528B	BEARING (2 REQUIRED)
7	528BS	BEARING SPACER
8	528SW	STEP WASHER, IMPORTANT: STEP ON WASHER MUST FACE BEARING
9	754 or 7806	DUAL TOP ROCKER SHAFT DRIVE LEVER (#754) OR SINGLE LEVER (#7806)
10		1/2" HARDENED WASHER
11		1/2-20 RIGHT HAND NUT



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE: 356N - Needle Drive
Connecting Rod Assembly

SCALE:	TOLERANCE: (INCHES)	X.XX ±0.01
None	UNLESS OTHERWISE SPECIFIED	X.XXX ±0.002
		ANGLE ±1°

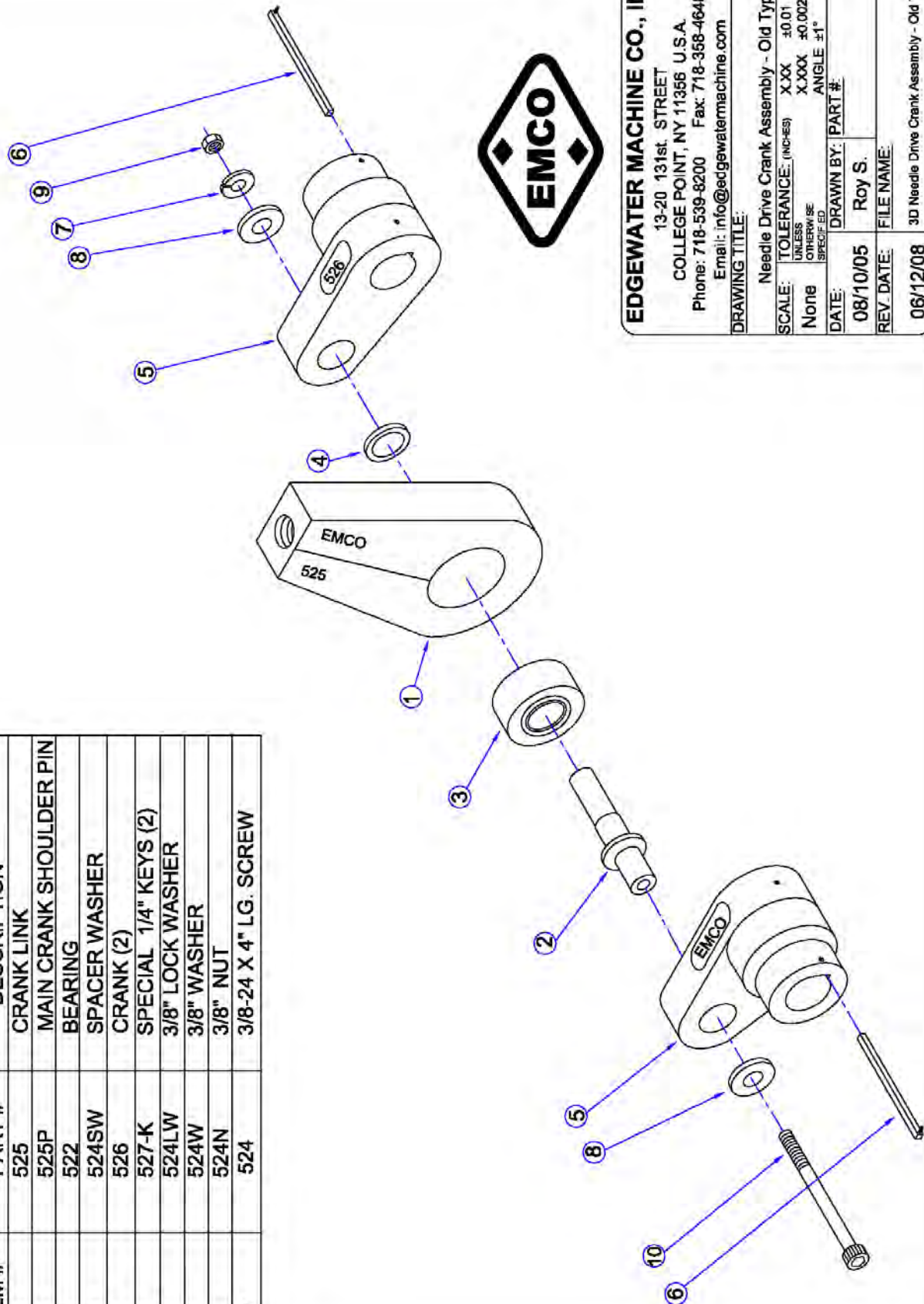
DATE:	DRAWN BY:	PART #:
07/27/99	Roy S.	356N - Assembly

REV. DATE:	FILE NAME:
07/20/06	356N - Needle Drive Connecting Rod Assembly

Jul 20 2006 - 1:14 pm

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	525	CRANK LINK
2	525P	MAIN CRANK SHOULDER PIN
3	522	BEARING
4	524SW	SPACER WASHER
5	526	CRANK (2)
6	527-K	SPECIAL 1/4" KEYS (2)
7	524LW	3/8" LOCK WASHER
8	524W	3/8" WASHER
9	524N	3/8" NUT
10	524	3/8-24 X 4" LG. SCREW



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET

COLLEGE POINT, NY 11358 U.S.A.

Phone: 718-539-8200 Fax: 718-358-4648

Email: info@edgewatermachine.com

DRAWING TITLE:

Needle Drive Crank Assembly - Old Type

SCALE: TOLERANCE: (INCHES) XXX ±0.01

None UNLESS OTHERWISE SPECIFIED XXX ±0.002

DATE: 08/10/05

REV. DATE: 06/12/08

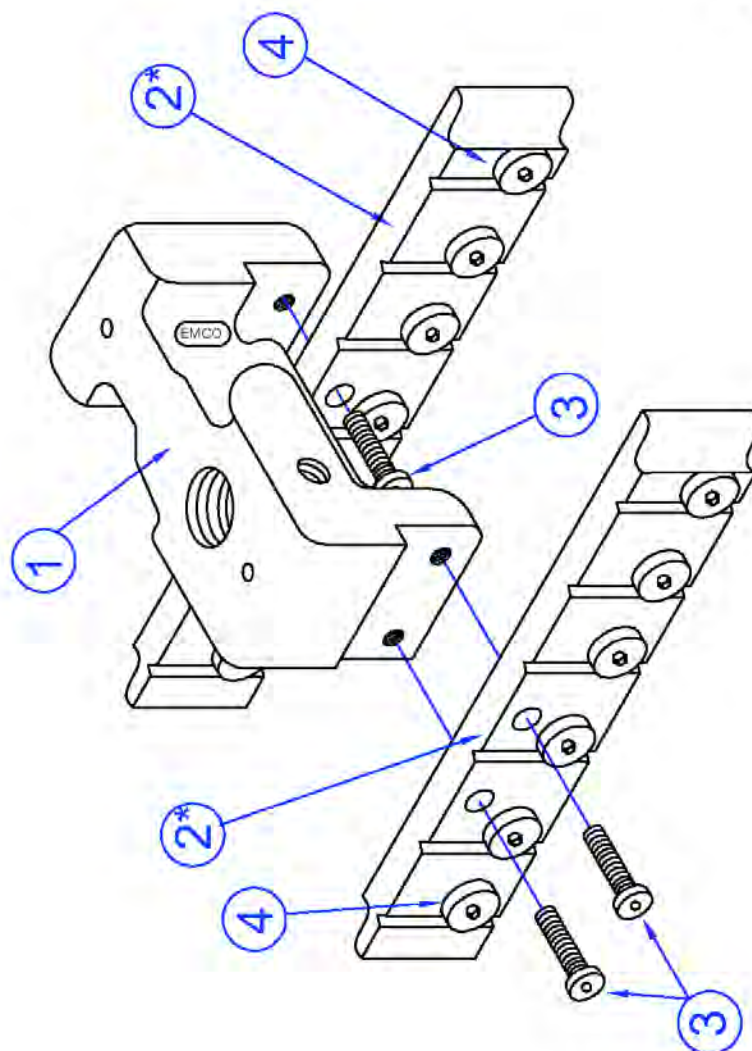
DRAWN BY: Roy S.

FILE NAME:

3D Needle Drive Crank Assembly - Old Type

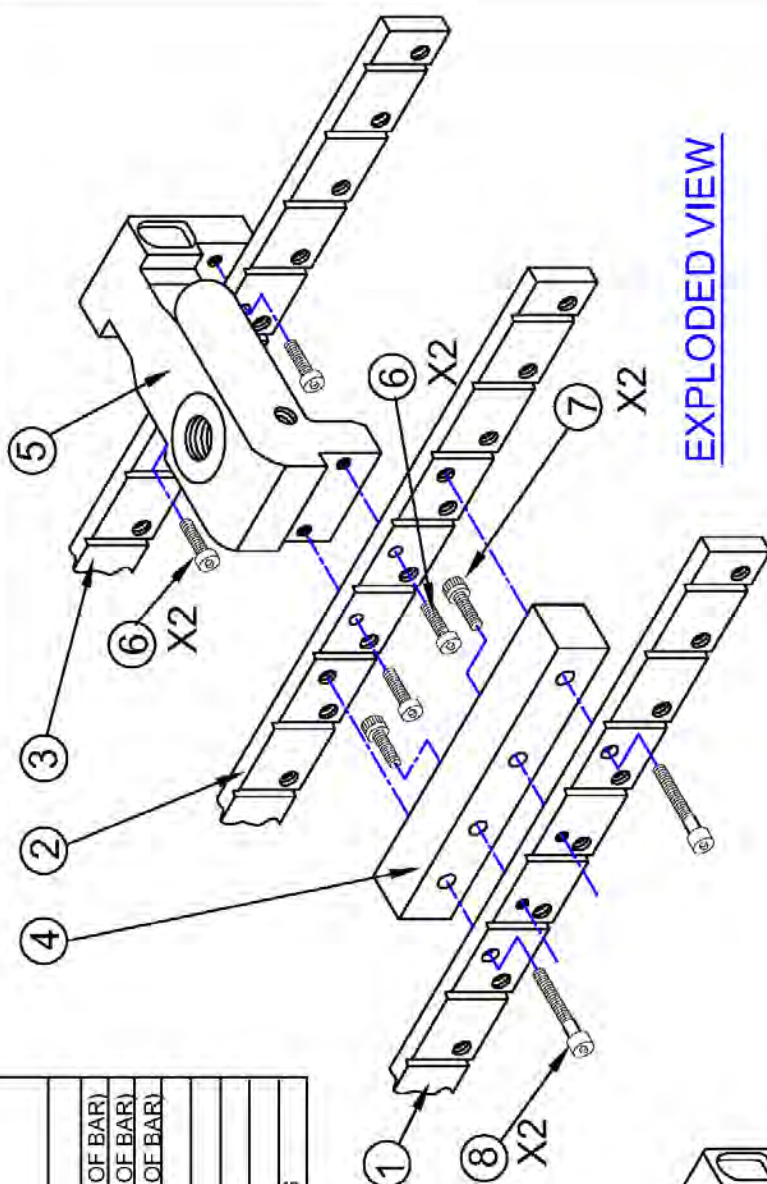
BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	75	NEEDLE BAR BRIDGE
2	298 - ??	NEEDLE BAR, SPECIFY LENGTH AND THICKNESS OF BAR
3	10-32 x 3/4 SHC	10-32 x 3/4" LG. SOCKET HD. CAP NEEDLE BAR MOUNTING SCREWS
4	314 (OLD TYPE) 414-NT (NEW TYPE)	NEEDLE SCREWS, OLD TYPE = Phillips Head, NEW TYPE = Hex Allen Key Head

"Note: 2* - Needle bars come in different thicknesses, lengths and they can be made from steel or aluminum. When ordering needle bars always supply the model and serial number of the machine. Then give the length and thickness of the needle bar. The thickness can be 1/4" thick for some very old machines and most newer machines will be 5/16" thick. Some older machines will require the customer to drill their own mounting holes by copying their old needle bar. For newer machines the needle bar will be fully drilled.

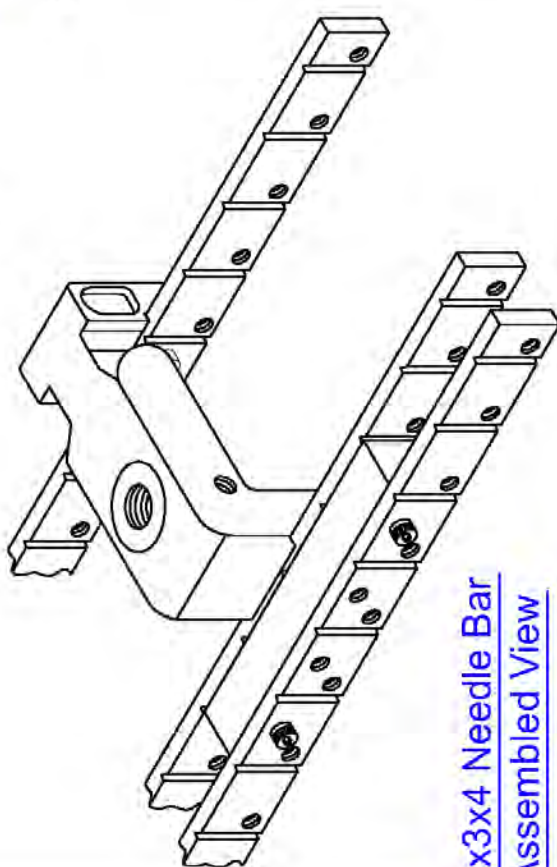


EDGEWATER MACHINE CO., INC.	
13-20 131st STREET COLLEGE POINT, NY 11356 U.S.A. PHONE: 718-538-8200 FAX: 718-358-4648 EMAIL: info@edgewatermachine.com	
DRAWING TITLE: #75 - 1x3 Needle Bar Bridge	
SCALE: TOLERANCE: X.XX ±0.01	UNLESS OTHERWISE SPECIFIED
NONE	ANGLE: 41°
DATE: 08/02/99	DRAWN BY: Roy S.
REV DATE: 01/02/11	FILE NAME: 3D 75 - 1x3 Needle Bar Bridge

BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	298-??-1	NEEDLE BAR (??= LENGTH OF BAR)
2	298-??-2	NEEDLE BAR (??= LENGTH OF BAR)
3	298-??-3	NEEDLE BAR (??= LENGTH OF BAR)
4	134	SPACER
5	75	NEEDLE BAR BRIDGE
6		SCREW 10-32 X 3/4" LONG
7		SCREW 10-32 X 5/8" LONG
8		SCREW 10-32 X 1-1/4" LONG



EXPLODED VIEW



1x3x4 Needle Bar
Assembled View

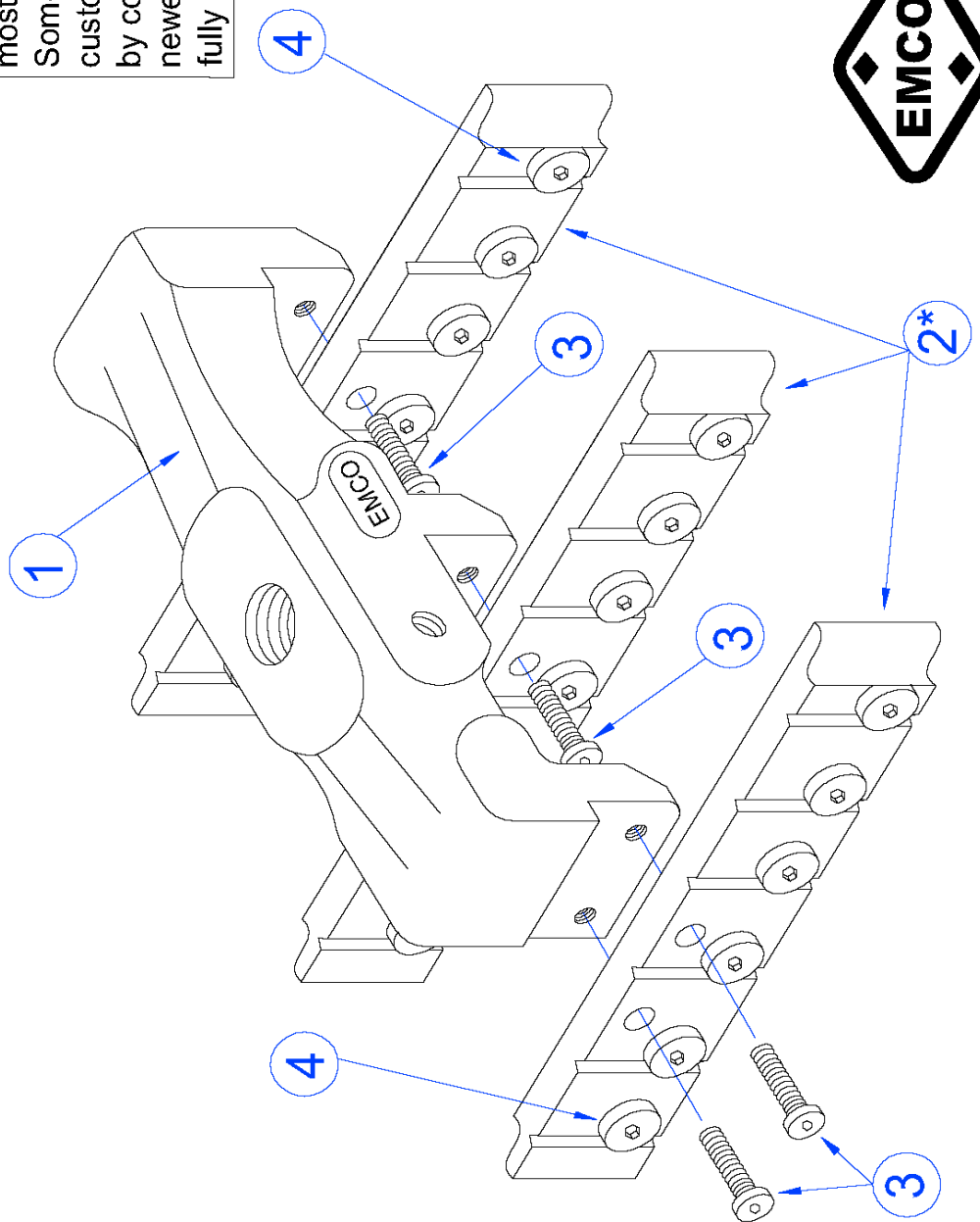


EDGEWATER MACHINE CO., INC.			
13-20 131st STREET COLLEGE POINT, NY 11356 U.S.A. Phone: 718-539-8200 Fax: 718-358-4648 Email: roy@edgewatermachine.com			
DRAWING TITLE: 3D - 1x3x4 Needle Bar Assembly			
SCALE: None	TOLERANCE: UNLESS OTHERWISE SPECIFIED	INCHES: X.XX ±0.01 X.XXX ±0.002	ANGLE: ±1°
DATE: 05/15/00	DRAWN BY: Roy S.	PART #: XXXXXX	FILE NAME:
REV. DATE: 07/17/09	3D - 1x3x4 Needle Bar Assy.		

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	1346	NEEDLE BAR BRIDGE FOR 1x3x6 MACHINE
2	298-??	NEEDLE BAR, SPECIFY LENGTH
3	10-32 x 3/4 SHC	10-32 x 3/4" SOCKET HD. CAP NEEDLE BAR MOUNTING SCREWS
4	314 (OLD TYPE) 414-NT (NEW TYPE)	NEEDLE SCREWS, OLD TYPE = Phillips Head, NEEDLE SCREWS, NEW TYPE = Hex Allen Key Head

"Note: 2* - Needle bars come in different thicknesses, lengths and they can be made from steel or aluminum. When ordering needle bars always supply the model and serial number of the machine. Then give the length and thickness of the needle bar. The thickness can be 1/4" thick for some very old machines and most newer machines will be 5/16" thick. Some older machines will require the customer to drill their own mounting holes by copying their old needle bar. For newer machines the needle bar will be fully drilled.



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200 FAX: 718-358-4648
EMAIL: info@edgewatermachine.com

DRAWING TITLE:

#1346 - 1x3x6 Needle Bar Bridge

SCALE: TOLERANCE: (INCHES) X.XX ±0.01
UNLESS OTHERWISE SPECIFIED X.XXX ±0.005

DATE: 08/02/99 DRAWN BY: Roy S. PART #: 1346

REV. DATE: 01/28/11 FILE NAME: 3D 1346 - 1x3x6 Needle Bar Bridge

BILL OF MATERIAL	
ITEM #	PART # DESCRIPTION
1	1/4-20 x 2-1/4 HH
2	7386 1/4" x 3/4" x 1-3/4"
3	7389 BRAKE TENSIONER PADS
4	3/8" Flat Washer
5A / 5B	3/8" Wing Nut / 7389-S 3/8" Wing Nut / Brake Clamp Stud
6	1/8" Split Pin x 1-1/4" LONG
7	7387 PLATE 1/4" x 1-3/4" x 3"
8	3367 GRIP ROLLER HOOK FOR 2" CHANNEL
9	1/4-20 x 1" LONG HEX HEAD CAP SCREW
10	1/4" Lock Washer
11	3/8-16 x 1-1/2 SQH
12	318-C 3/8-16 x 1-1/2" LONG SQUARE HEAD SET SCREW
13	942 COLLAR 1-1/4" BORE
14	7389-NT BRAKE HUB 1-3/16" BORE
COMPLETE ASSEMBLY, EVERYTHING SHOWN	

EDGEWATER MACHINE CO., INC.
 13-20 131st. STREET
 COLLEGE POINT, NY 11356 U.S.A.
 Phone: 718-539-8200 Fax: 718-358-4648
 Email: info@edgewatermachine.com

DRAWING TITLE:
 Brake Tension Assembly Complete with Hook

SCALE:	TOLERANCE: (INCHES)	X.XX ±0.01
	UNLESS OTHERWISE SPECIFIED	X.XXX ±0.002
DATE:	DRAWN BY:	PART #:
03/13/00	Roy S.	3367 & 7389-NT
REV. DATE:	FILE NAME:	
07/31/09	3D 3367 & 7389-NT	

EDGEWATER MACHINE CO., INC.

13-20 131st. STREET

COLLEGE POINT, NY 11356 U.S.A.

Phone: 718-539-8200 Fax: 718-358-4648

Email: roy@edgewatermachine.com

DRAWING TITLE:**3D - 7389-NT Brake Tension Control****SCALE:**

UNLESS OTHERWISE SPECIFIED

X.XX ±0.01

X.XXX ±0.002

ANGLE ±1°

None

DATE:

05/02/00

REV. DATE:

07/17/09

DRAWN BY:

Roy S.

FILE NAME:

3D - 7389-NT

3D - 7389-NT

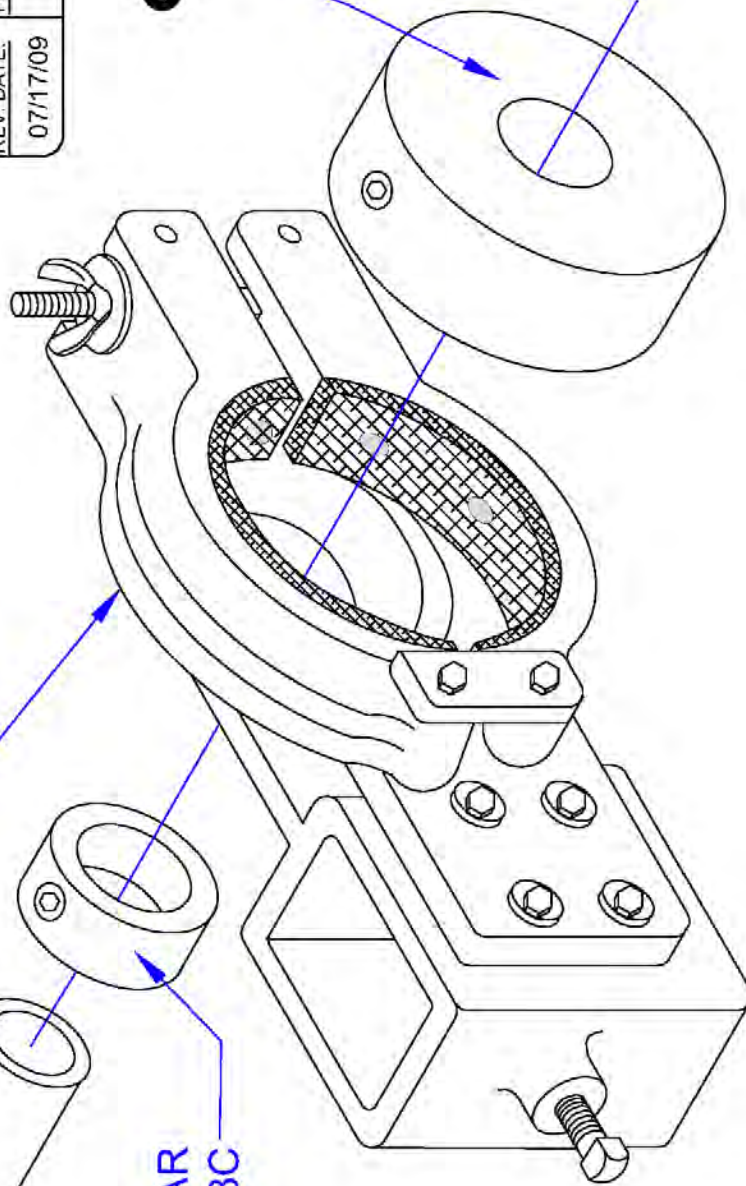


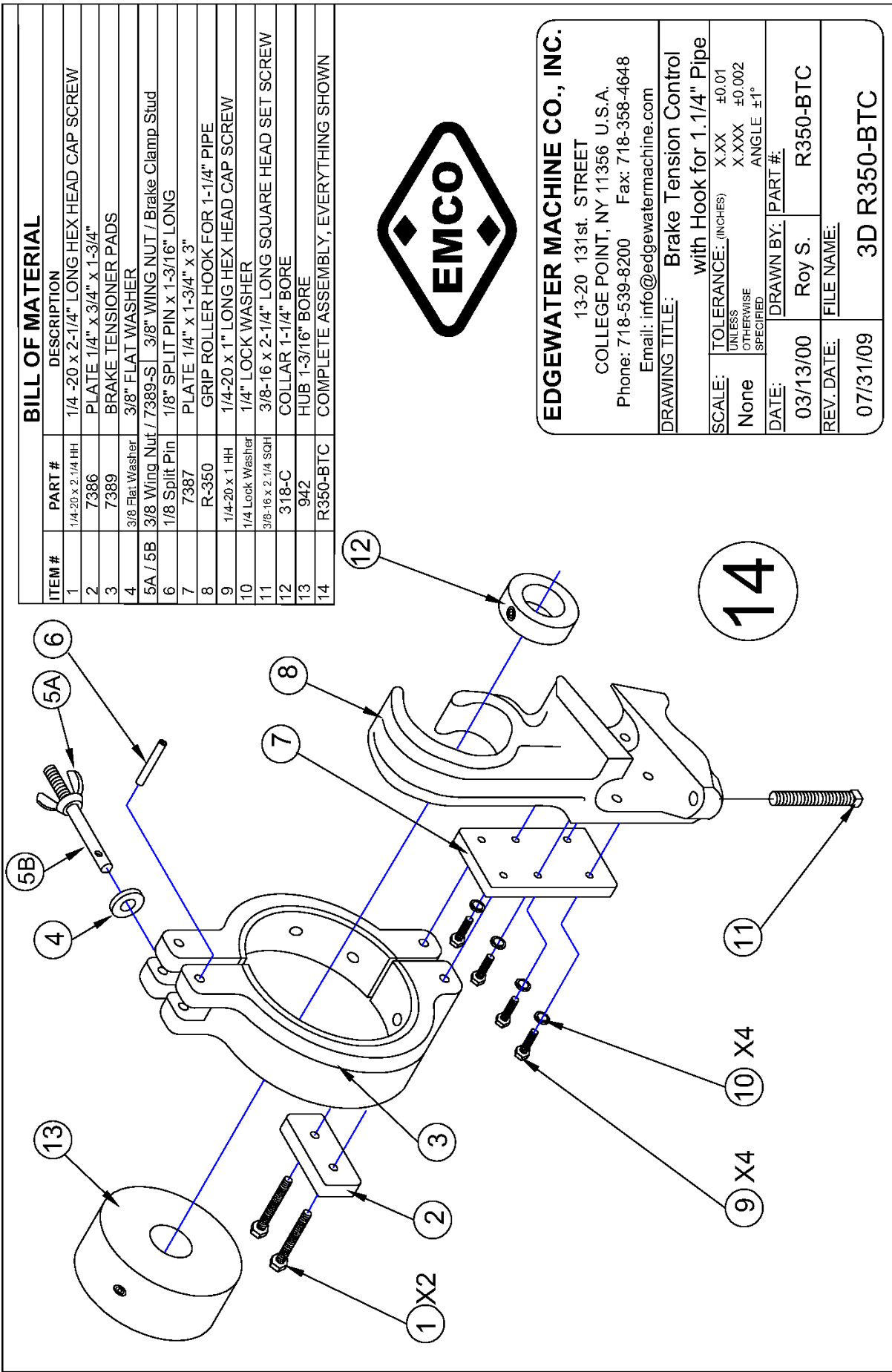
GRIP ROLLER
PART # 318-NT

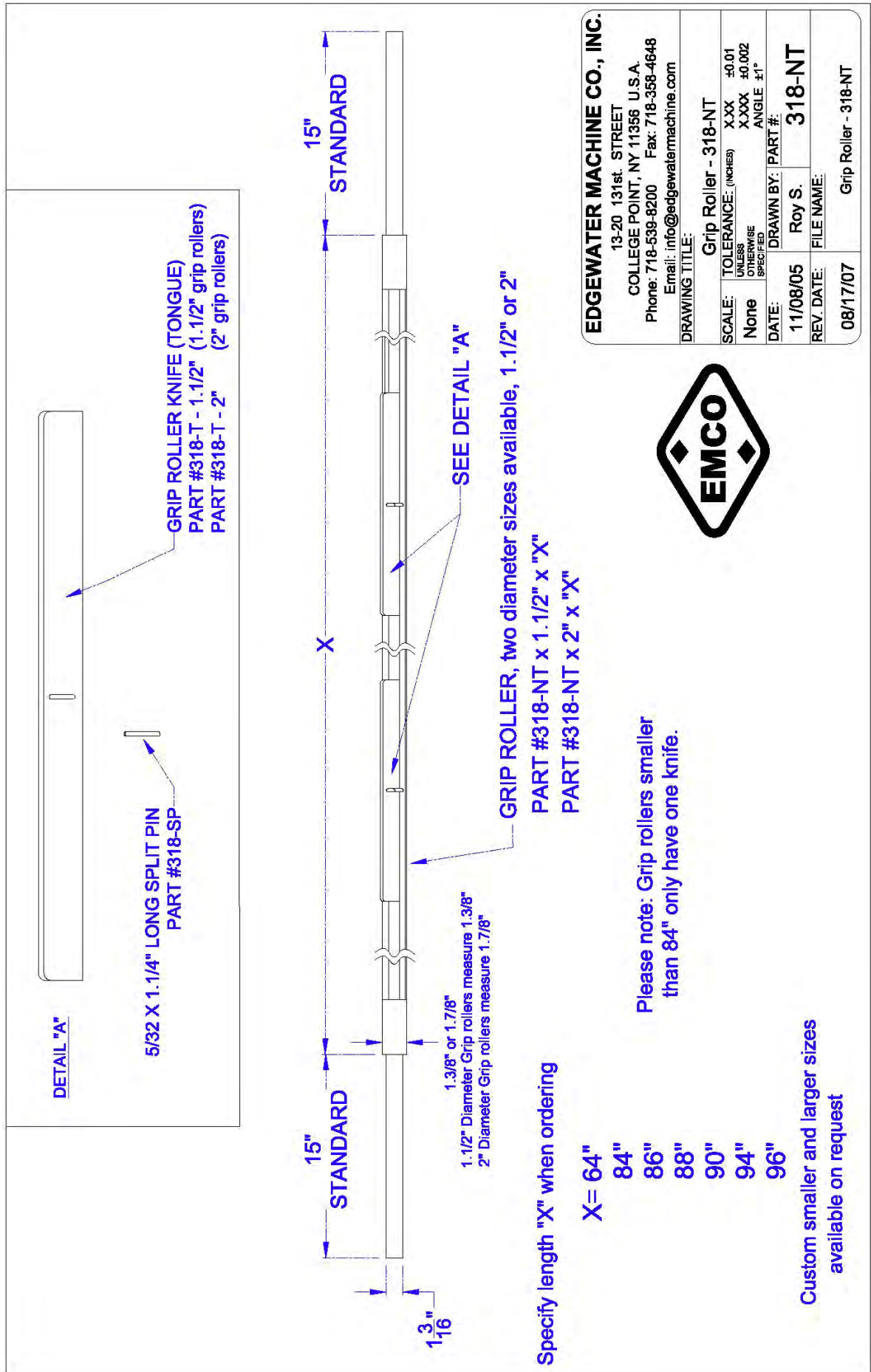
BRAKE TENSION AND
HOOK ASSEMBLY
PART # 7389-NT

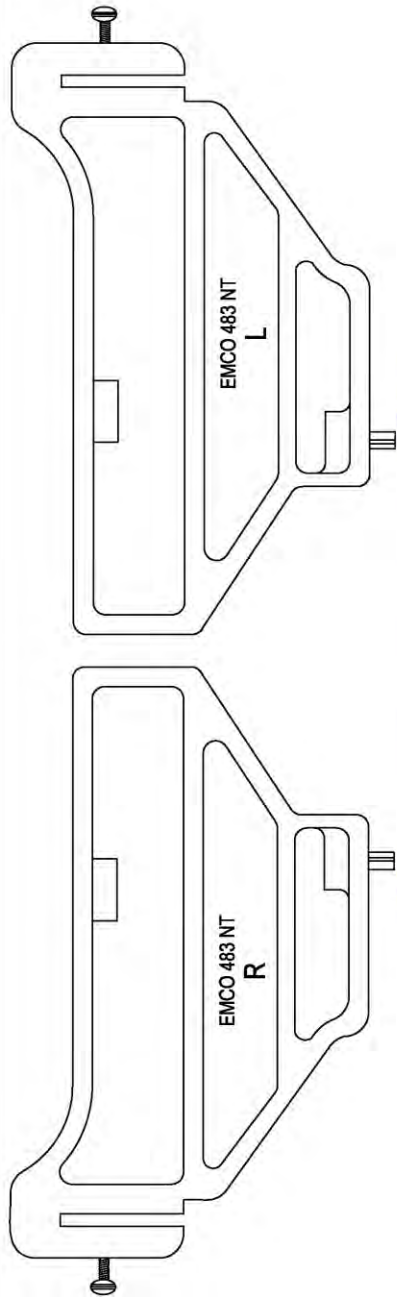
COLLAR
PART # 318C

HUB
PART # 942

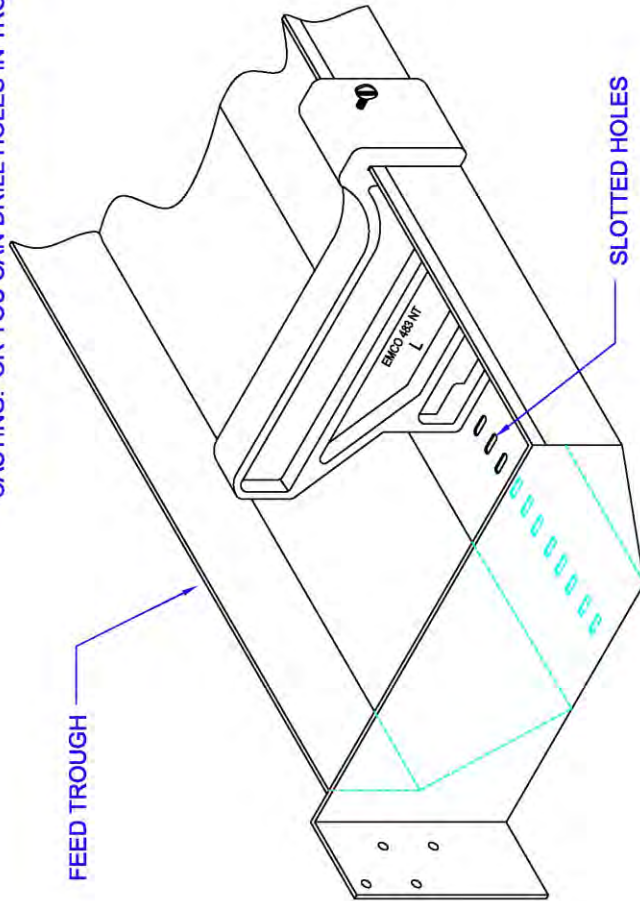








IF YOUR FEED TROUGH DOES NOT HAVE HOLES OR SLOTS IN BASE OF TROUGH, THESE PINS CAN BE REMOVED OR HAMMERED INTO CASTING. OR YOU CAN DRILL HOLES IN TROUGH.



EDGEWATER MACHINE CO., INC. 13-20 131st. STREET COLLEGE POINT, NY 11356 U.S.A. PHONE: 718-539-8200 FAX: 718-358-4648			
DRAWING TITLE: 483NT Baffles			
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
NONE	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.005
DATE:	DRAWN BY:	ANGLE	CHECKED BY:
11/24/99	M.M.P.		
REV. DATE:	FILE NAME:		
11/24/99	483NT Baffles		

EDGEWATER MACHINE CO., INC.

13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648



DRAWING TITLE:

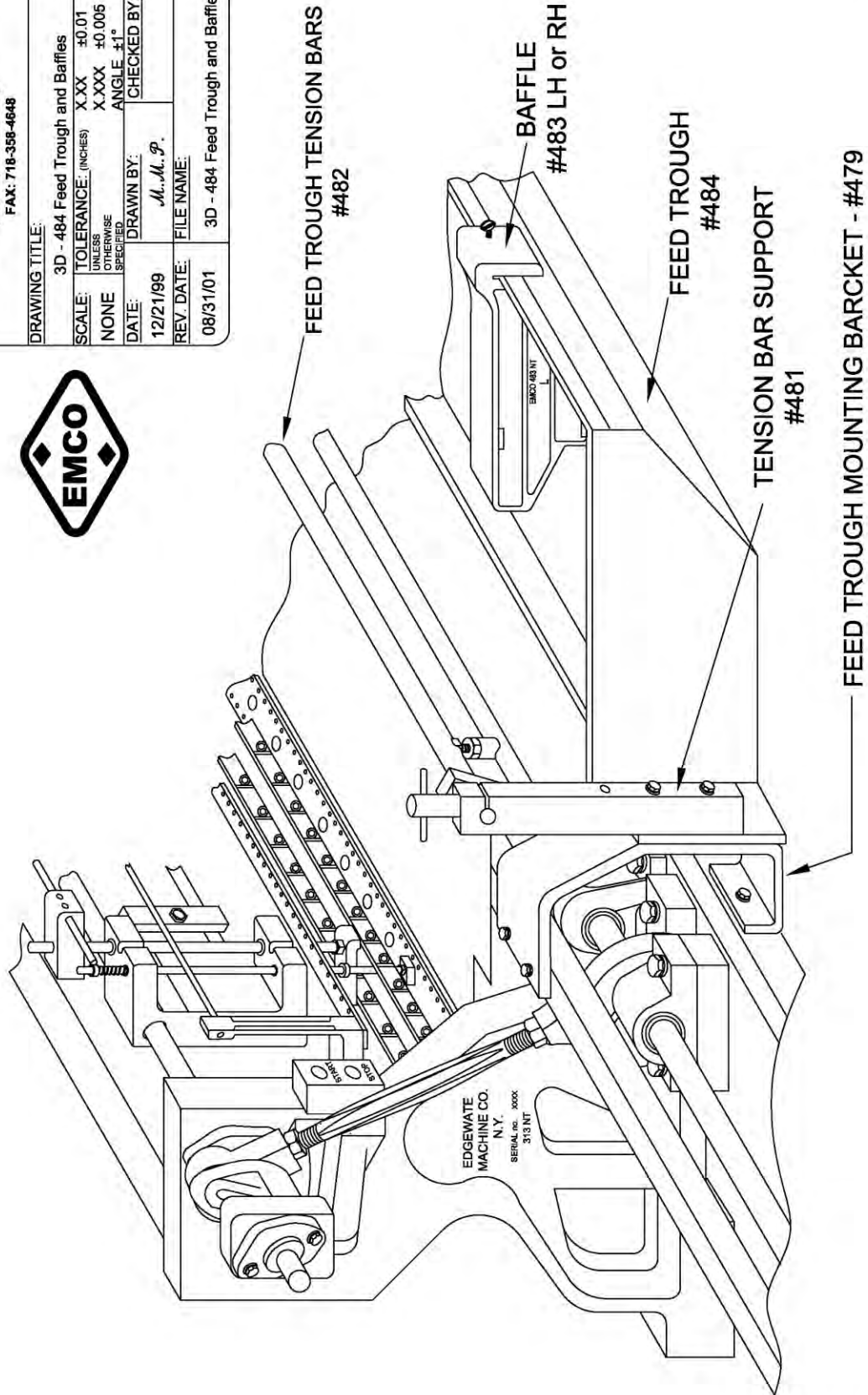
3D - 484 Feed Trough and Baffles

SCALE: TOLERANCE: (INCHES) X.XX ±0.01

NONE UNLESS OTHERWISE SPECIFIED

DATE: 12/21/99 DRAWN BY: M.M.P. CHECKED BY:

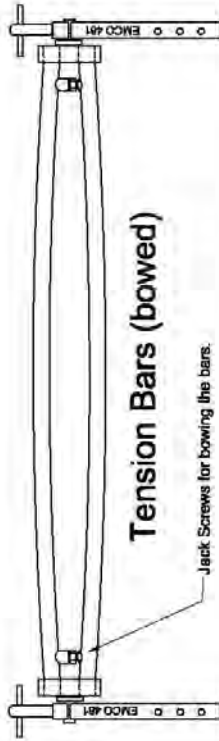
REV. DATE: 08/31/01 FILE NAME: 3D - 484 Feed Trough and Baffles



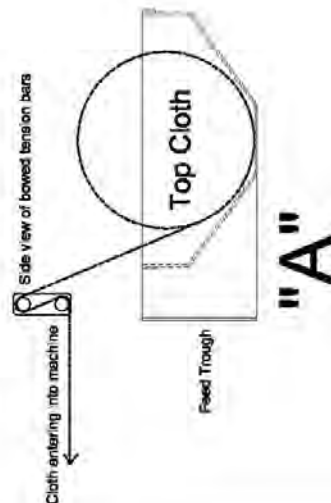
The positioning of the tension bars below shows the correct and incorrect method of rotating the tension bars.

If the tension bars are vertical this helps remove wrinkles and pleats. Example "A".
If the tension bars are rotated counter-clockwise past vertical to increase tension, this is correct. It is the bow in the tension bars that helps to remove wrinkles and pleats. Example "B".

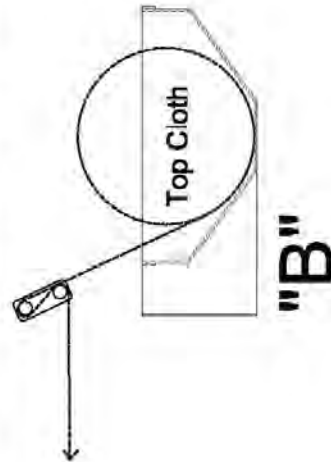
If the tension bars are rotated clockwise past vertical this is incorrect because it will cause the top cloth to wrinkle or pleat inward because of the bow of the tension bars. Example "C".



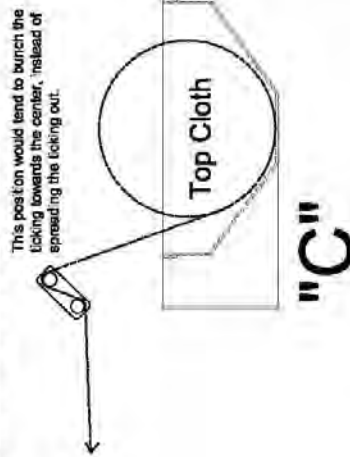
Vertical Position - Correct



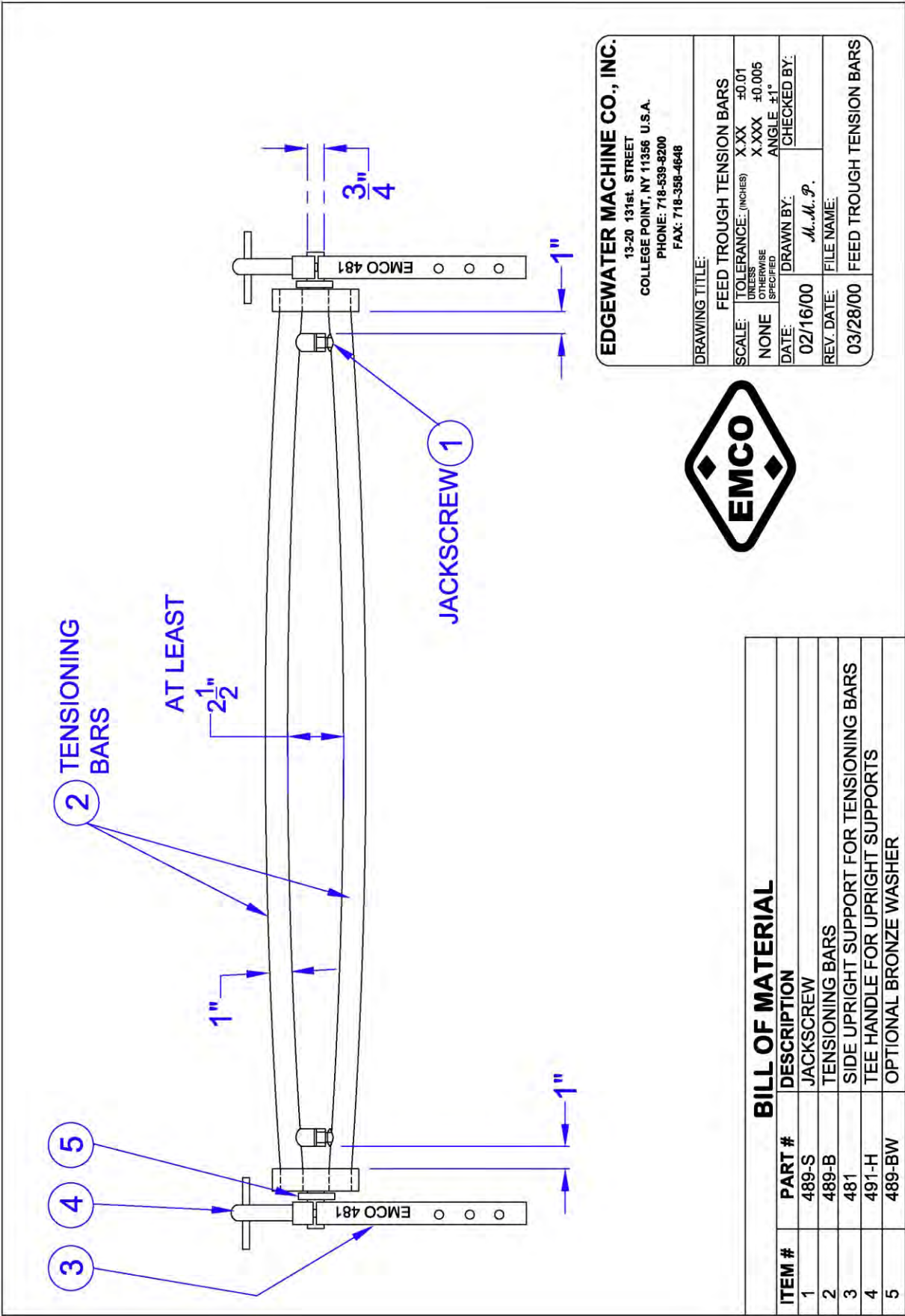
Rotated Counter Clockwise - Correct



Rotated Clockwise - Wrong



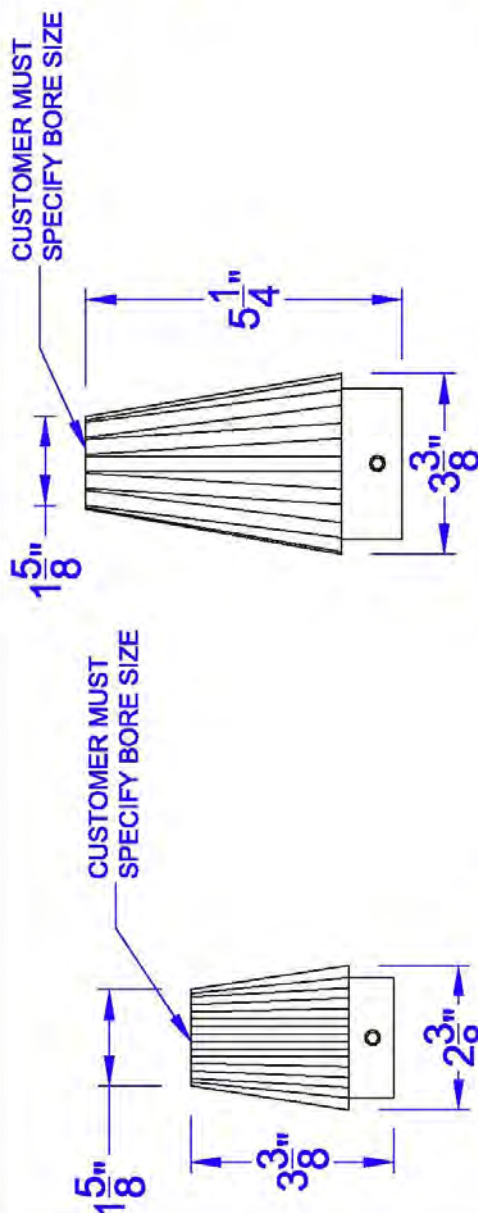
EDGEWATER MACHINE CO., INC.			
13-20 131st STREET			
COLLEGE POINT, NY 11356 U.S.A.			
PHONE: 718-539-8200			
FAX: 718-358-4848			
DRAWING TITLE:			
Tension bar usage			
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
None	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.002
DATE:	DRAWN BY:	PART #:	ANGLE: ±1°
07/20/04	Roy S.		
REV. DATE:	FILE NAME:		
07/20/04		Tension bar usage	



EMCO TAPER CONES

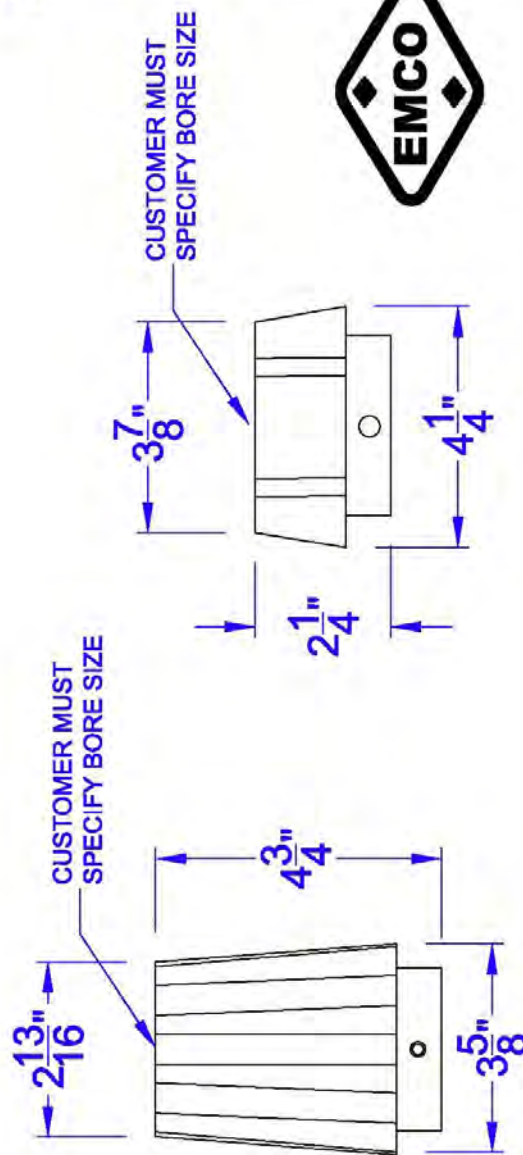
used with cardboard
tubes larger than
2 inches I.D.

NOTE:
ONE 3/8-16 SET SCREW
FOR EACH TAPER CONE.



EMCO PART #310-B

EMCO PART #310-A



EMCO PART #310-C

EMCO PART #310-4

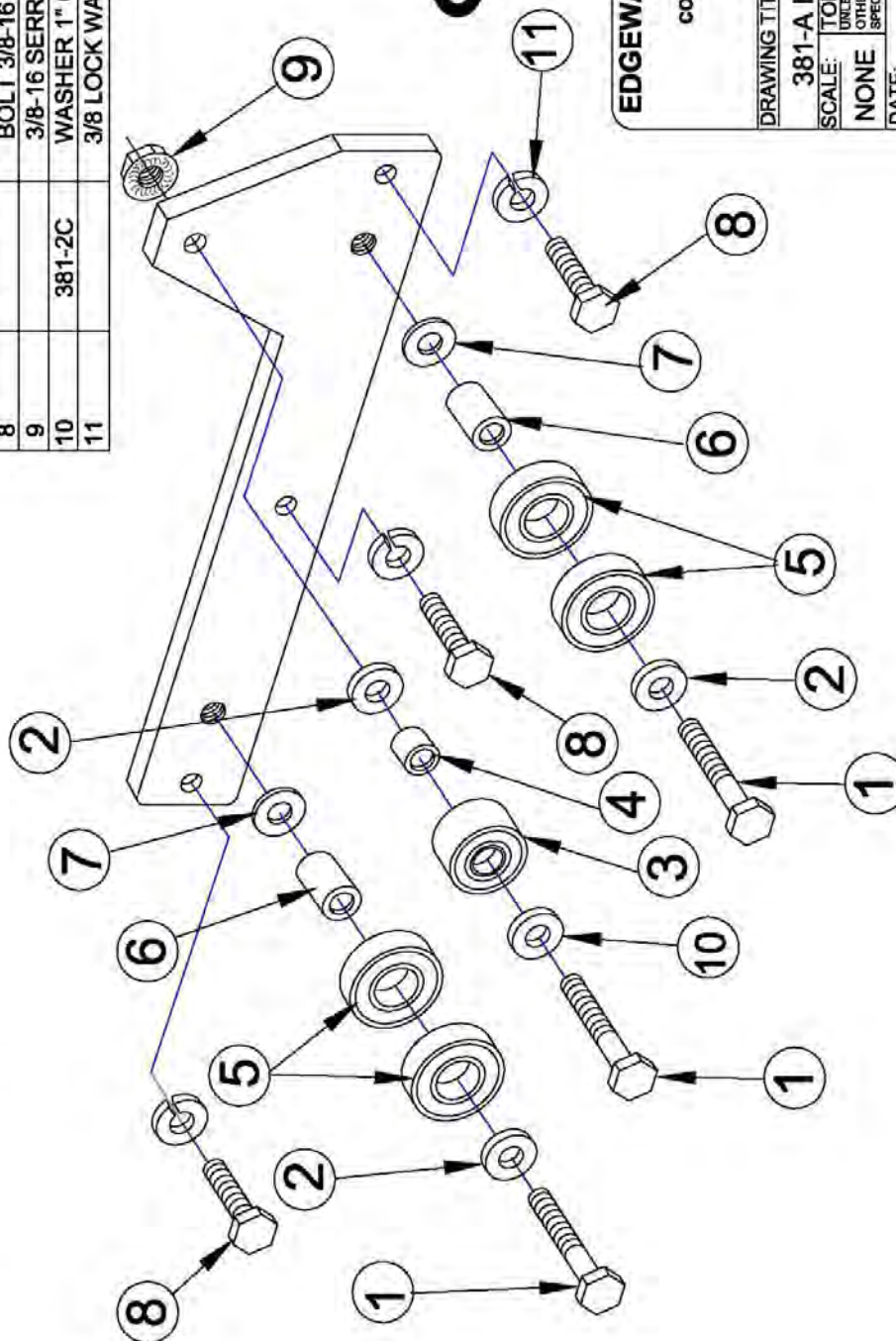


EDGEWATER MACHINE CO., INC.			
13-20 131st STREET COLLEGE POINT, NY 11356 U.S.A. PHONE: 718-539-8200 FAX: 718-358-4648			
DRAWING TITLE: 310-A, 310-B, 310-C, 310-4			
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
NONE	OTHERWISE SPECIFIED	X.XXX	±0.005
DATE:	DRAWN BY:	ANGLE	CHECKED BY:
11/24/99	M.M.P.		
REV. DATE:	FILE NAME:		
11/24/99	310 Taper Cones		

Left Front Carriage Support when facing the front of the machine.

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1		BOLT 3/8-16 X 1-3/4" LONG
2	438-A	WASHER 1" O.D. X 3/8" I.D. X .117 THK.
3	438	SMALL BEARING
4	438-B	BUSHING 5/8" O.D. X 3/8" I.D. X 9/16" LONG
5	381-2	LARGE BEARING
6	381-2B	BUSHING 3/4" O.D. X 3/8" I.D. X 1-1/16" LONG
7	381-2A	WASHER 1" O.D. X 3/8" I.D. X .032" THK.
8		BOLT 3/8-16 X 1-1/4" LONG
9		3/8-16 SERRATED FLANGED NUT
10	381-2C	WASHER 1" O.D. X 3/8" I.D. X .117" THK.
11		3/8 LOCK WASHER



EDGEWATER MACHINE CO., INC.

13-20 131st STREET

COLLEGE POINT, NY 11356 U.S.A.

PHONE: 718-538-8200

FAX: 718-358-4648

DRAWING TITLE:

381-A Left Front Carriage Support

SCALE: TOLERANCE: (INCHES) XXX ±0.01

NONE UNLESS OTHERWISE SPECIFIED X XXX ±0.005

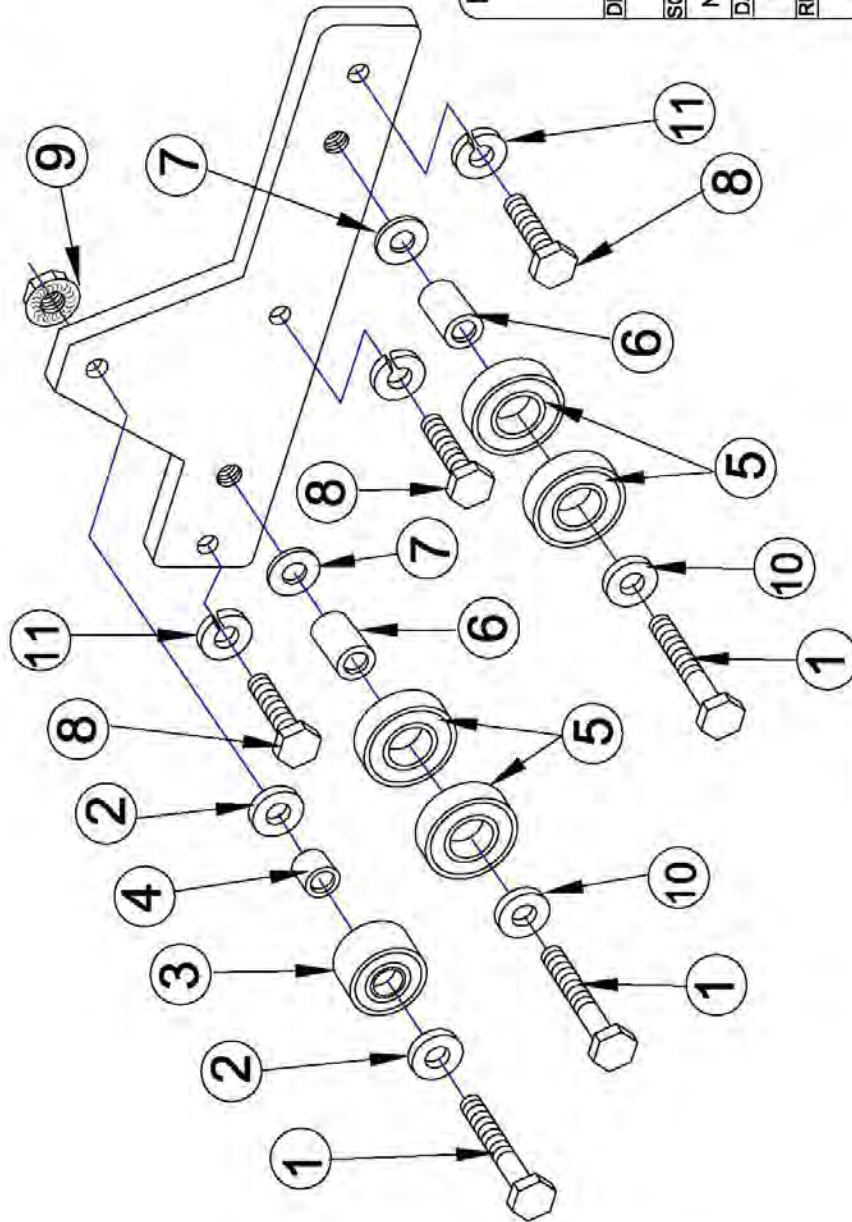
DATE: 01/19/00 DRAWN BY: Roy S. CHECKED BY: ANGLE ±1°

REV. DATE: 09/15/05 FILE NAME: 381-A Left Front

Carriage Support

Right Front Carriage Support when facing the front of the machine.

BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1		BOLT 3/8-16 X 1-3/4 LONG
2	438-A	WASHER 1" O.D. X 3/8" I.D. X .117 THK.
3	438	SMALL BEARING
4	438-B	BUSHING 5/8" O.D. X 3/8" I.D. X 9/16" LONG
5	381-2	LARGE BEARING
6	381-2B	BUSHING 3/4" O.D. X 3/8" I.D. X 1-1/16" LONG
7	381-2A	WASHER 1" O.D. X 3/8" I.D. X .032" THK.
8		BOLT 3/8-16 X 1-1/4" LONG
9		3/8-16 SERRATED FLANGED NUT
10	381-2C	WASHER 1" O.D. X 3/8" I.D. X .117" THK.
11		3/8 LOCK WASHER

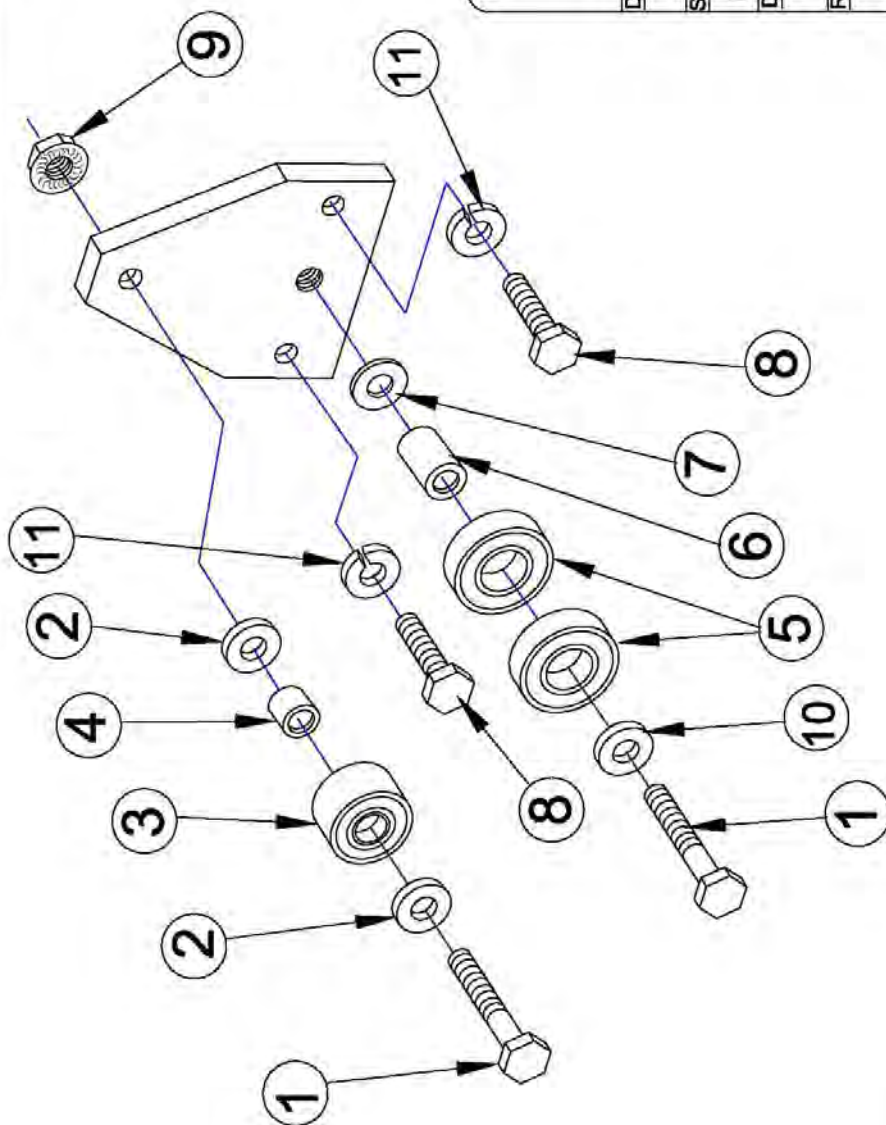


EDGEWATER MACHINE CO., INC.	
13-20 131st STREET COLLEGE POINT, NY 11356 U.S.A. PHONE: 718-539-8200 FAX: 718-358-4648	
DRAWING TITLE: 381-B Right Front Carriage Support	
SCALE:	TOLERANCE: (INCHES) X.XX ±0.01 NONE UNLESS OTHERWISE SPECIFIED X.XXX ±0.005 ANGLE ±1°
DATE:	DRAWN BY: M.M.P. CHECKED BY:
REV. DATE:	FILE NAME: 3D 381-B Right Front Carriage Support
09/15/05	

Center Carriage Support

used in both the front and rear of the machine.

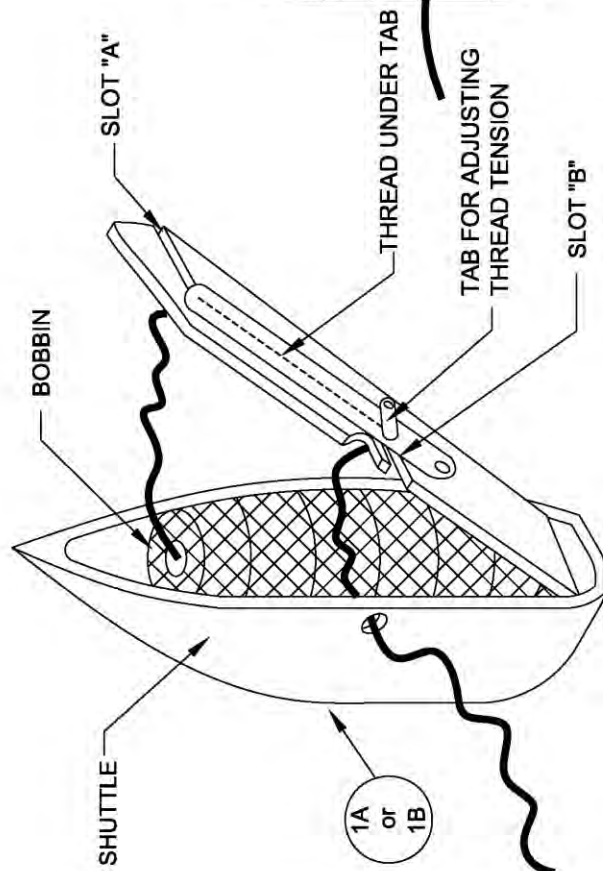
BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1		BOLT 3/8-16 X 1-3/4 LONG
2	438-A	WASHER 1" O.D. X 3/8" I.D. X .117 THK.
3	438	SMALL BEARING
4	438-B	BUSHING 5/8" O.D. X 3/8" I.D. X 9/16" LONG
5	381-2	LARGE BEARING
6	381-2B	BUSHING 3/4" O.D. X 3/8" I.D. X 1-1/16" LONG
7	381-2A	WASHER 1" O.D. X 3/8" I.D. X .032" THK.
8		BOLT 3/8-16 X 1-1/4" LONG
9		3/8-16 SERRATED FLANGED NUT
10	381-2C	WASHER 1" O.D. X 3/8" I.D. X .117" THK.
11		3/8 LOCK WASHER



EDGEWATER MACHINE CO., INC.
 13-20 131st STREET
 COLLEGE POINT, NY 11356 U.S.A.
 PHONE: 718-539-8200
 FAX: 718-359-4648

DRAWING TITLE: 381-C Center Carriage Support	
SCALE: TOLERANCE: (INCHES) NONE OTHERWISE SPECIFIED	X.XX ±0.01 X.XXX ±0.005 ANGLE ±1°
DATE: 01/19/00	DRAWN BY: M.M.P. CHECKED BY:
REV. DATE: 09/15/05	FILE NAME: 3D 381-C Center Carriage Support

- STEP 1- INSERT BOBBIN INTO SHUTTLE WITH LOOSE THREAD EXITING CENTER OF BOBBIN.
 STEP 2- SLIDE THREAD INTO SLOT "A".
 STEP 3- PULL THREAD UNDER TENSIONING TAB TO SLOT "B".
 STEP 4- INSERT THREAD THROUGH HOLE IN SIDE OF SHUTTLE.
 STEP 5- PULL THREAD WHILE CLOSING COVER.
 STEP 6- "CAUTION" DOOR MUST CLOSE WITH DEFINITE CLICK.
 DOOR IS NOT CLOSED UNLESS CLICK IS HEARD.



EDGEWATER MACHINE CO., INC.
 13-20 131st. STREET
 COLLEGE POINT, NY 11356 U.S.A.
 Phone: 718-539-8200 Fax: 718-358-4648
 Email: info@edgewatermachine.com

DRAWING TITLE:		Shuttle	
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
None	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.002
DATE:	DRAWN BY:	PART #:	ANGLE: ±1°
08/10/05	Roy S.	429-7 or 429-10B	
REV. DATE:	FILE NAME:	Shuttle	
09/16/05			

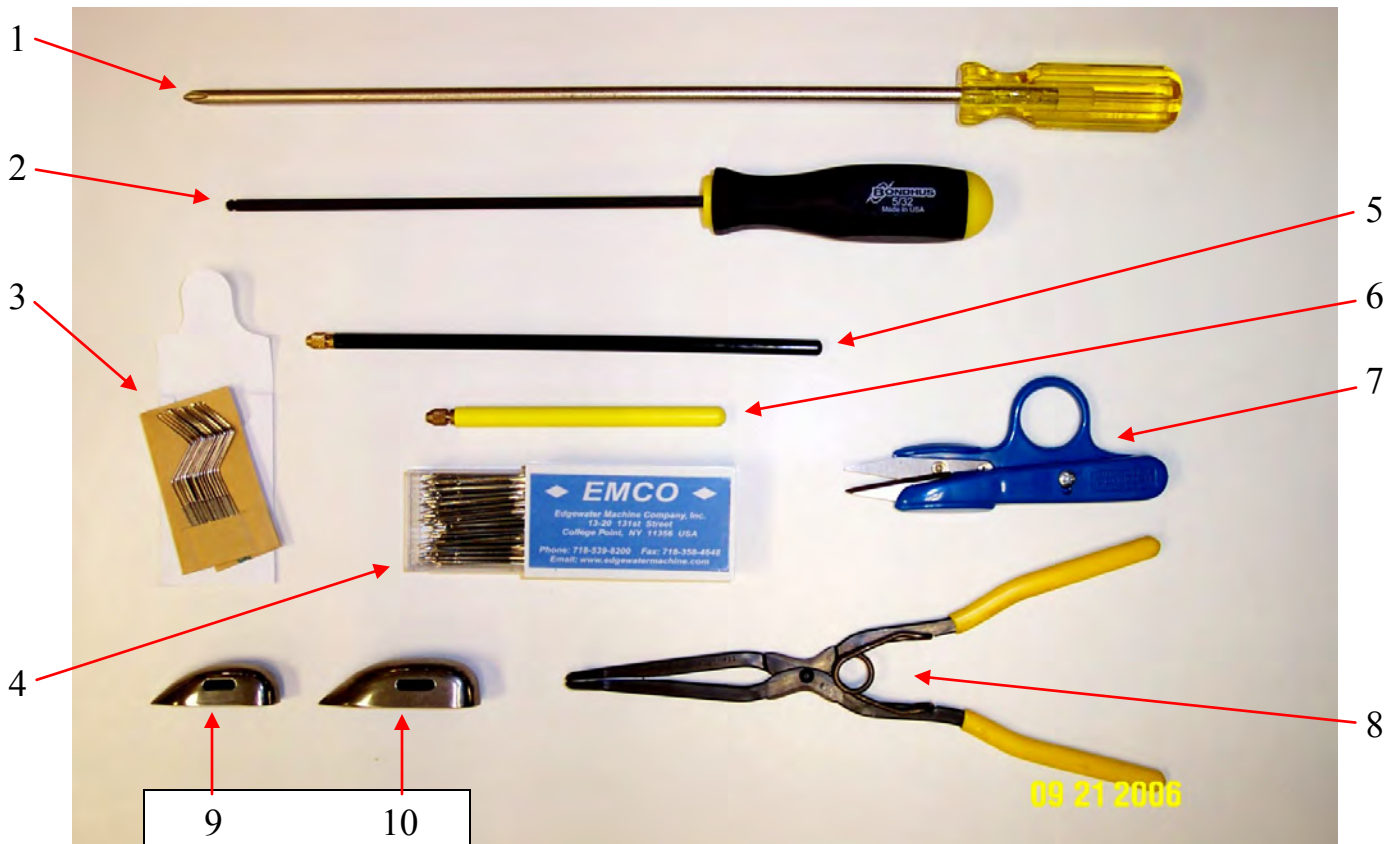
ITEM #	PART #	DESCRIPTION
1A	429-7	Small Shuttle used on older machines
1B	429-10B	Larger Shuttle used on newer machines

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

Tools and Consumables



Item #	Part #	Description
1	T-PSD-L	Phillips Screw Driver, Long Reach, for Old Type Needle Screws
2	T-5/32-BTD	5/32 Ball Tip Driver for New Type Needle Screws
3	443	Package of 25 Threading Hooks
4	160/23	Needles for Lockstitch Machines, different sizes available
5	443H-L	Threading Hook Holder – Long Handle
6	443H-S	Threading Hook Holder – Short Handle
7	T-SS-Scissor	Snip Scissors
8	T-NP	Needle Pliers, to hold needle while installing on needle bar
9	429-7	Small #7 Shuttle, for older machines
10	429-10B	Large #10B Shuttle, for newer machines

Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

Tools



Item #	Part #	Description
1	T-7/16-ND	7/16" Nut Driver used for thread tensioners
2	T-3/8-L Hex Key	3/8" Long Hex Key for tightening design cam on the shaft
3	T-3/4-CW	3/4" Combination Wrench for setting the cam roller
4	T-3/16-T Handle	3/16" Hex Key "T" Handle, for trimming attachment
5	T-5/32-T Handle	5/32" Hex Key "T" Handle, for trimming attachment
6		
7		
8		
9		
10		
11		
12		
13		

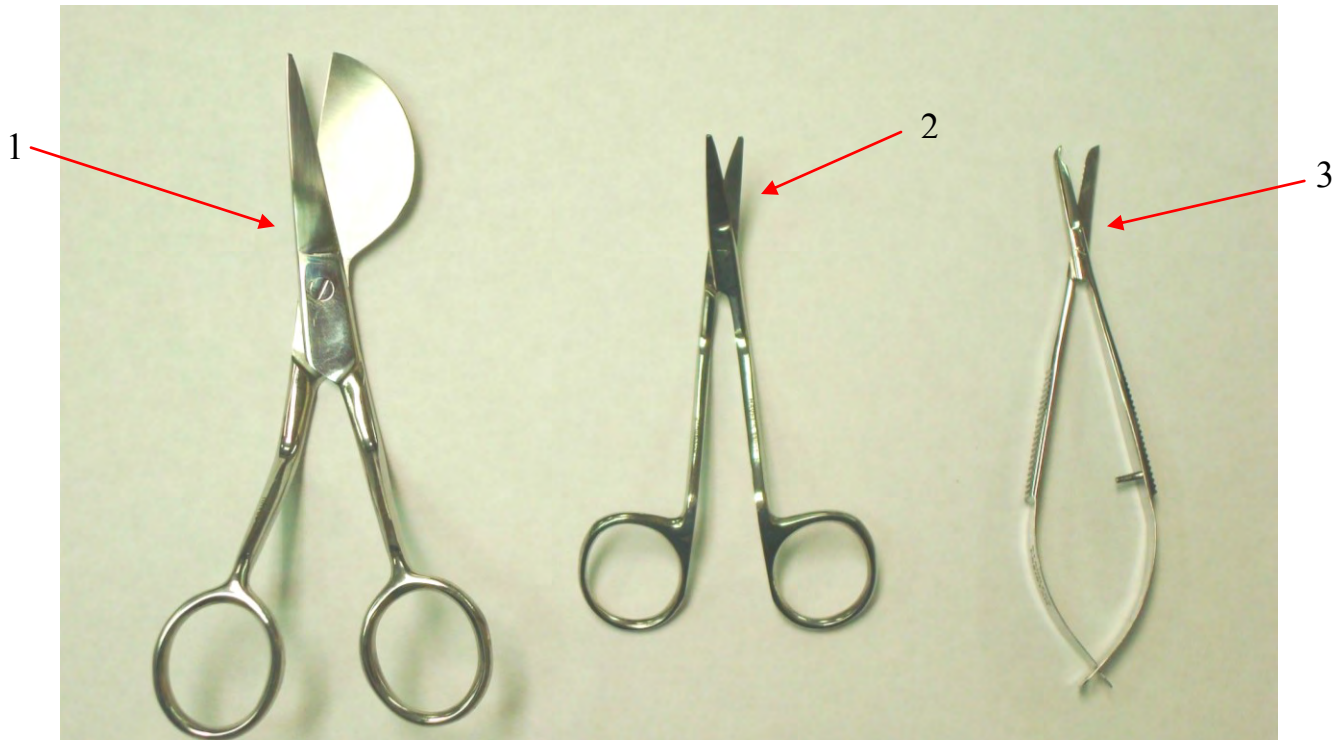
Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

Embroidery Snip Scissors



Pelican Blunt Tip Scissor.
Ideal for trimming embroidery threads. Pelican bill holds fabric down while thread is cleanly cut without cutting fabric. Handle is offset for a comfortable position.

Multi-Angled Blunt Tip Scissor has curved blades for cutting close to the fabric. The Blunt Tip protects the fabric from being poked and cut.

Multi-Use Snip Scissor. Notched Blade lifts and cuts stitch cleanly. Gentle squeeze grip reduces hand fatigue. Lightweight, easy to pick up.

Item #	Part #	Description
1	T-PB-Scissor	Offset Handle Pelican Bill Scissor
2	T-MABT-Scissor	Multi-Angled, Blunt Tip, Curved Blade Scissor
3	T-NB-Scissor	Multi-Use, Notched Blade, Snip Scissor
4		
5		
6		
7		
13		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



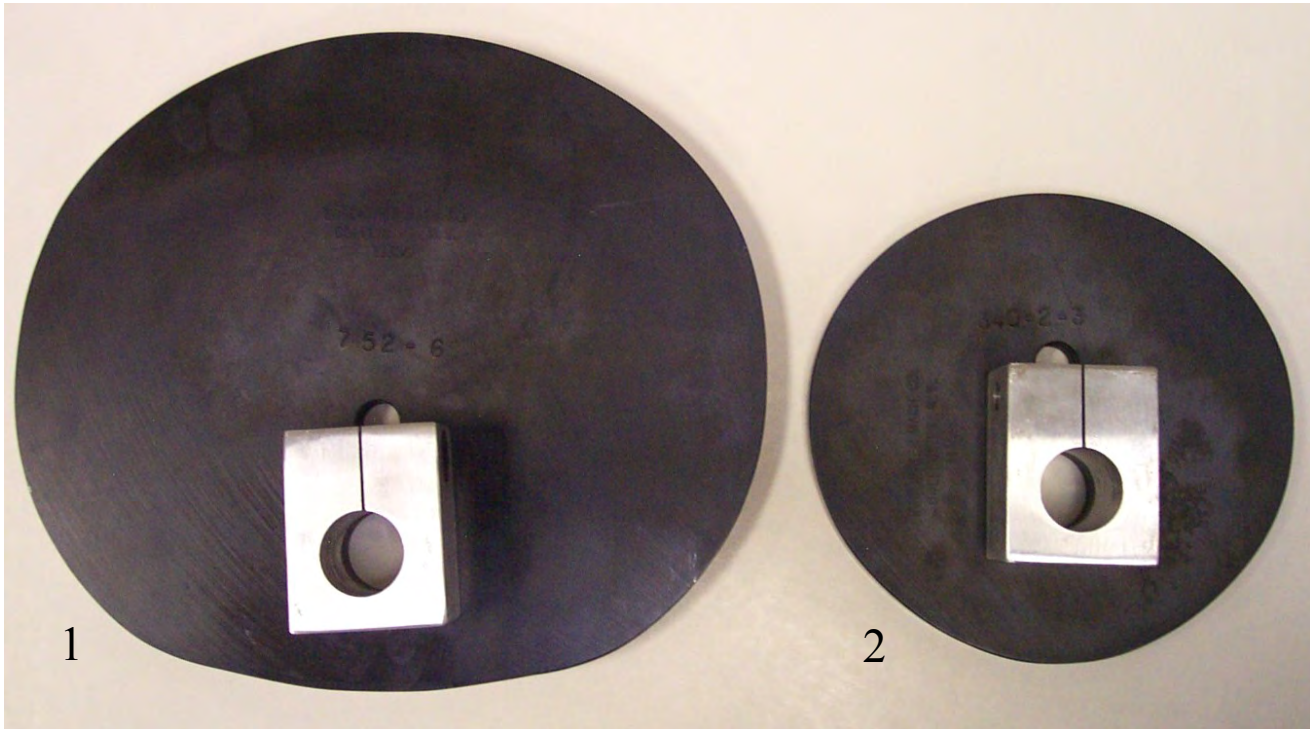
Item #	Part #	Description
1	T-GG	Grease Gun
2	Synthetic Grease	High Temperature Synthetic Grease Cartridge
3		
4		
5		
6		
7		
8		
9		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



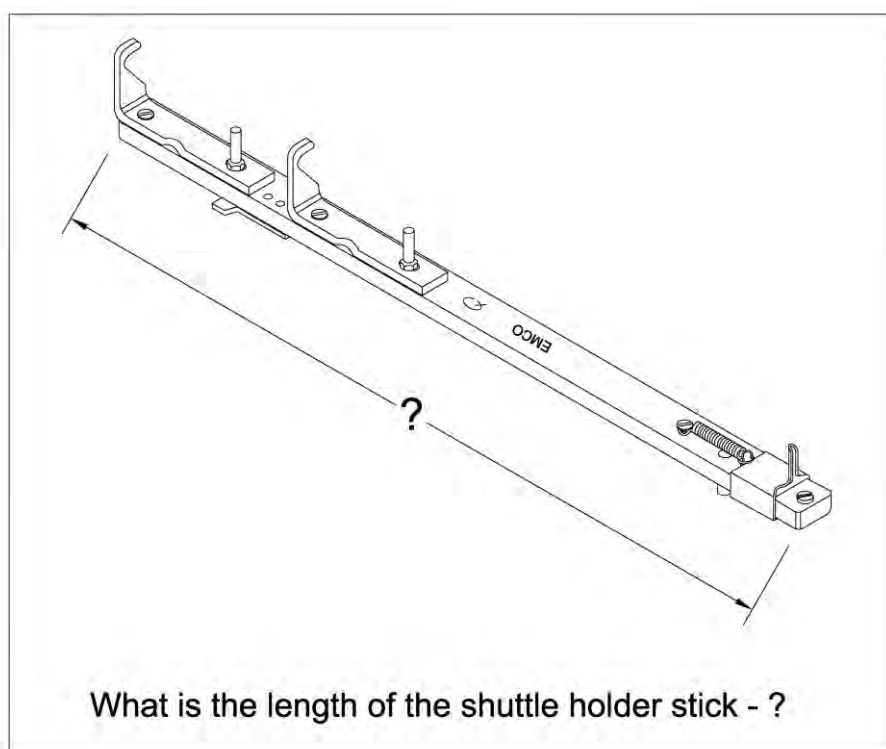
Item #	Part #	Description
1	???-?-6	Large 12" Repeat Steel Hardened Design Cam, Choose pattern design from pattern book, then specify the pattern design number
2	???-?-3	Small 6" Repeat Steel Hardened Design Cam, Choose pattern design from pattern book, then specify the pattern design number
3		
4		
5		
6		
7		
8		
9		
10		
11		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Please Note:

The next five pages show part listings for the different shuttle holder sticks used on Emco High Speed Lockstitch Machines.

When ordering replacement parts or assemblies, always measure the overall length of your present shuttle holder stick and give us this measurement, along with the serial number of the machine the shuttle holders will be used on.



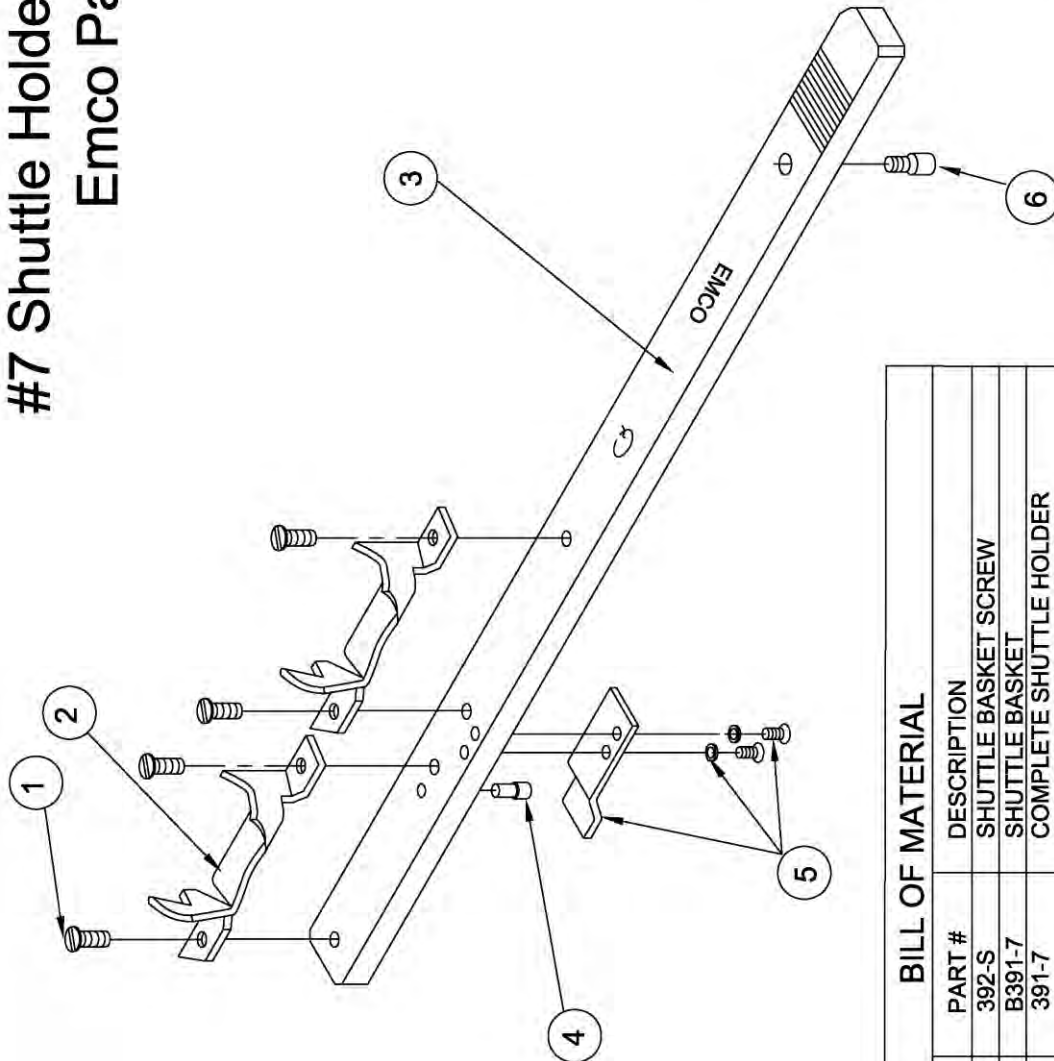
We have many different models and the overall length and serial number helps us identify the correct shuttle holder for your machine.

#7 Shuttle Holder for 1x3 machines Emco Part # 391-7



EDGEWATER MACHINE CO., INC.
13-20 131st Street
College Point, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE:		#7 Shuttle Holder with 2 Baskets for older machines	
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
None	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.002
DATE:	DRAWN BY:	PART #:	ANGLE ±1°
04/19/05	Roy S.	391-7	
REV. DATE:	FILE NAME:		
04/19/05	3D-391-7		



BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	392-S	SHUTTLE BASKET SCREW
2	B391-7	SHUTTLE BASKET
3	391-7	COMPLETE SHUTTLE HOLDER (SPECIFY OVERALL LENGTH)
4	391-FS	FRONT STUD
5	392-W	SPRING, SCREWS AND LOCKWASHERS
6	391-RS	REAR STUD



13-20 131st Street

College Point, NY 11356 U.S.A.

Phone: 718-539-8200 Fax: 718-358-4648

Email: info@edgewatermachine.com

DRAWING TITLE:

1x3 Shuttle Holder with 2 Baskets and Slide Lock

SCALE:	TOLERANCE: (INCHES)	X.XX	+0.01
--------	---------------------	------	-------

UNLESS	X.XXX	±0.002
OTHERWISE		ANGLE 1.48

OTHERWISE SPECIFIED	ANGLE $\pm 1^\circ$
DRAWN BY:	PART #:

DATE: _____ DRAWN BY: _____ PART #: _____

04/19/05	Roy S.	391-A
----------	--------	-------

04/13/80	Key C:	001-A
REV. DATE:	FILE NAME:	

3D-391-A

BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	392-S	SHUTTLE BASKET SCREW
2	B391-10B	SHUTTLE BASKET
3	565	BASKET STUD
4	391-FS	FRONT STUD
5	392-W	SPRING, SCREWS AND LOCKWASHERS
6	399-L	SLIDE LOCK WITH SPRING AND SCREWS
7	391-RS	REAR STUD
8	391-A	SHUTTLE HOLDER COMPLETE (CHECK AND SPECIFY OVERALL LENGTH)

#10B Shuttle Holder for 1X3 machines, 13.1/4" Long Emco Part # 391-B



EDGEWATER MACHINE CO., INC.
13-20 131st Street
College Point, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE:

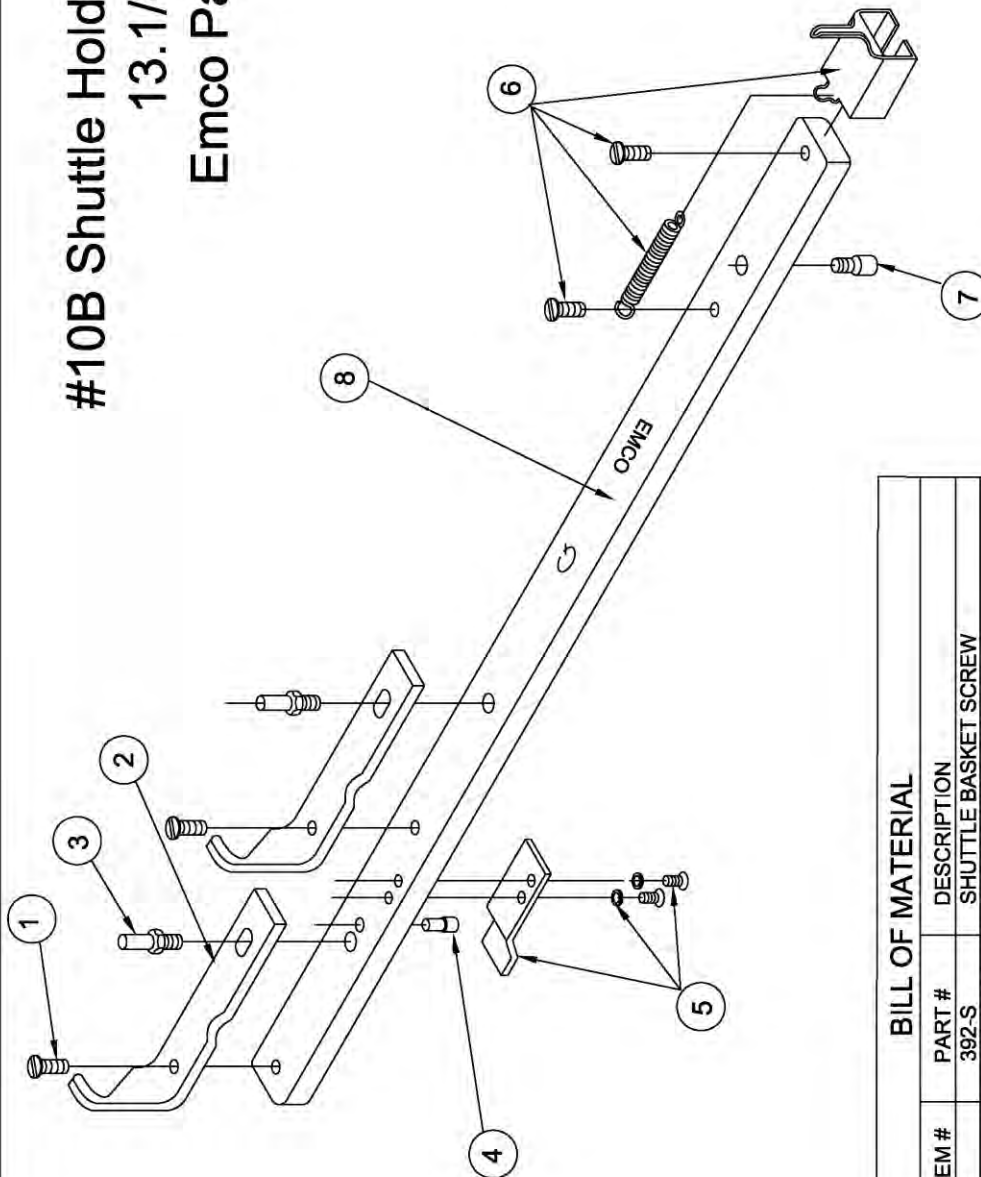
1x3 Shuttle Holder with 2 Baskets and Slide Lock

SCALE: TOLERANCE: (INCHES) X.XX ±0.01
UNLESS OTHERWISE SPECIFIED X.XXX ±0.002
None ANGLE ±1°

DATE: 04/19/05 DRAWN BY: Roy S. PART #: 391-B

REV. DATE: 04/19/05 FILE NAME:

3D-391-B



BILL OF MATERIAL

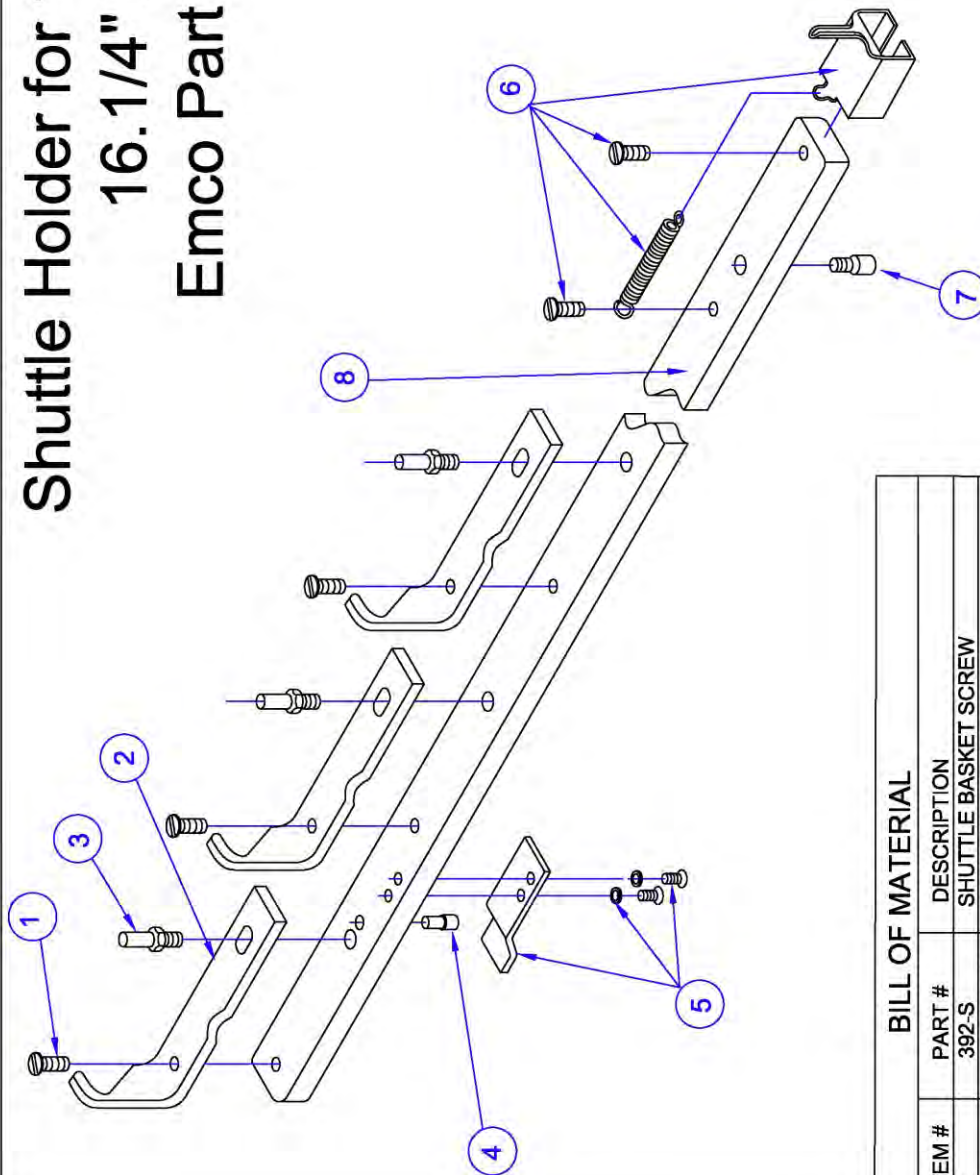
ITEM #	PART #	DESCRIPTION
1	392-S	SHUTTLE BASKET SCREW
2	B391-10B	SHUTTLE BASKET
3	565	BASKET STUD
4	391-FS	FRONT STUD
5	392-W	SPRING, SCREWS AND LOCKWASHERS
6	399-L	SLIDE LOCK WITH SPRING AND SCREWS
7	391-RS	REAR STUD
8	391-B	SHUTTLE HOLDER COMPLETE (CHECK AND SPECIFY OVERALL LENGTH)

Shuttle Holder for 1x3x6 machines 16.1/4" Long Emco Part # 391-C



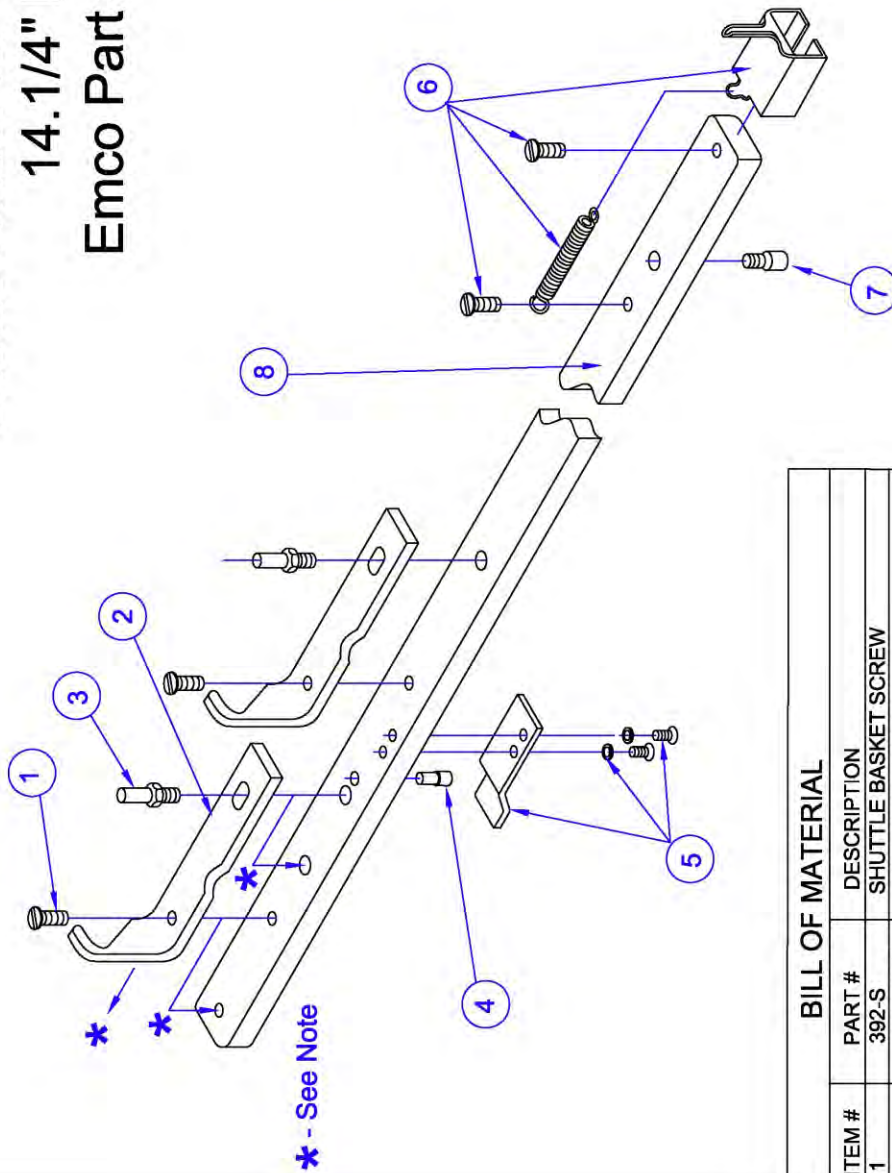
EDGEWATER MACHINE CO., INC.
13-20 131st Street
College Point, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE: 1x3x6 Shuttle Holder with 3 Baskets and Slide Lock			
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
None	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.002
DATE:	DRAWN BY:	PART #:	ANGLE ±1°
04/19/05	Roy S.	391-C	
REV. DATE:	FILE NAME:		
04/19/05	3D-391-C		



BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	392-S	SHUTTLE BASKET SCREW
2	B391-10-B	SHUTTLE BASKET
3	565	BASKET STUD
4	391-FS	FRONT STUD
5	392-W	SPRING, SCREWS AND LOCKWASHERS
6	399-L	SLIDE LOCK WITH SPRING AND SCREWS
7	391-RS	REAR STUD
8	391-C	SHUTTLE HOLDER COMPLETE (CHECK AND SPECIFY OVERALL LENGTH)

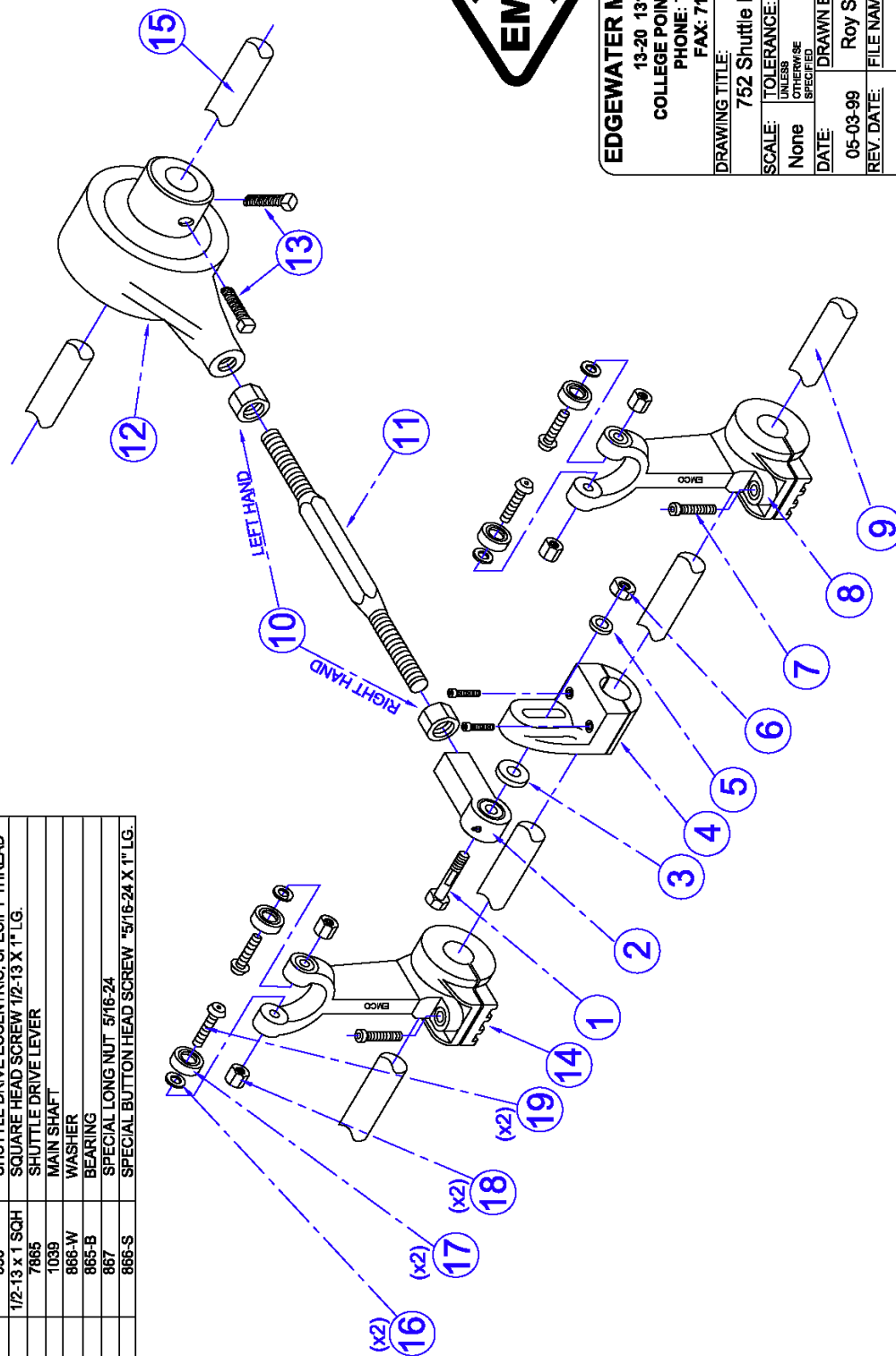
Shuttle Holder for 1x3x4 machines 14.1/4" Long Emco Part # 391-D



EDGEWATER MACHINE CO., INC.	
13-20 131st Street College Point, NY 11356 U.S.A. Phone: 718-539-8200 Fax: 718-358-4648 Email: info@edgewatermachine.com	
DRAWING TITLE: 1x3x4 Shuttle Holder with 2 Baskets and Slide Lock	
SCALE:	TOLERANCE: (INCHES) X.XX ±0.01 UNLESS OTHERWISE SPECIFIED X.XXX ±0.002 ANGLE ±1°
DATE:	DRAWN BY: PART #:
04/19/05	Roy S. 391-D
REV. DATE:	FILE NAME:
04/19/05	3D-391-D

BILL OF MATERIAL	
ITEM #	PART # DESCRIPTION
1	392-S SHUTTLE BASKET SCREW
2	B391-10-B SHUTTLE BASKET
3	565 BASKET STUD
4	391-FS FRONT STUD
5	392-W SPRING, SCREWS AND LOCKWASHERS
6	399-L SLIDE LOCK WITH SPRING AND SCREWS
7	391-RS REAR STUD
8	391-D SHUTTLE HOLDER COMPLETE (CHECK AND SPECIFY OVERALL LENGTH)

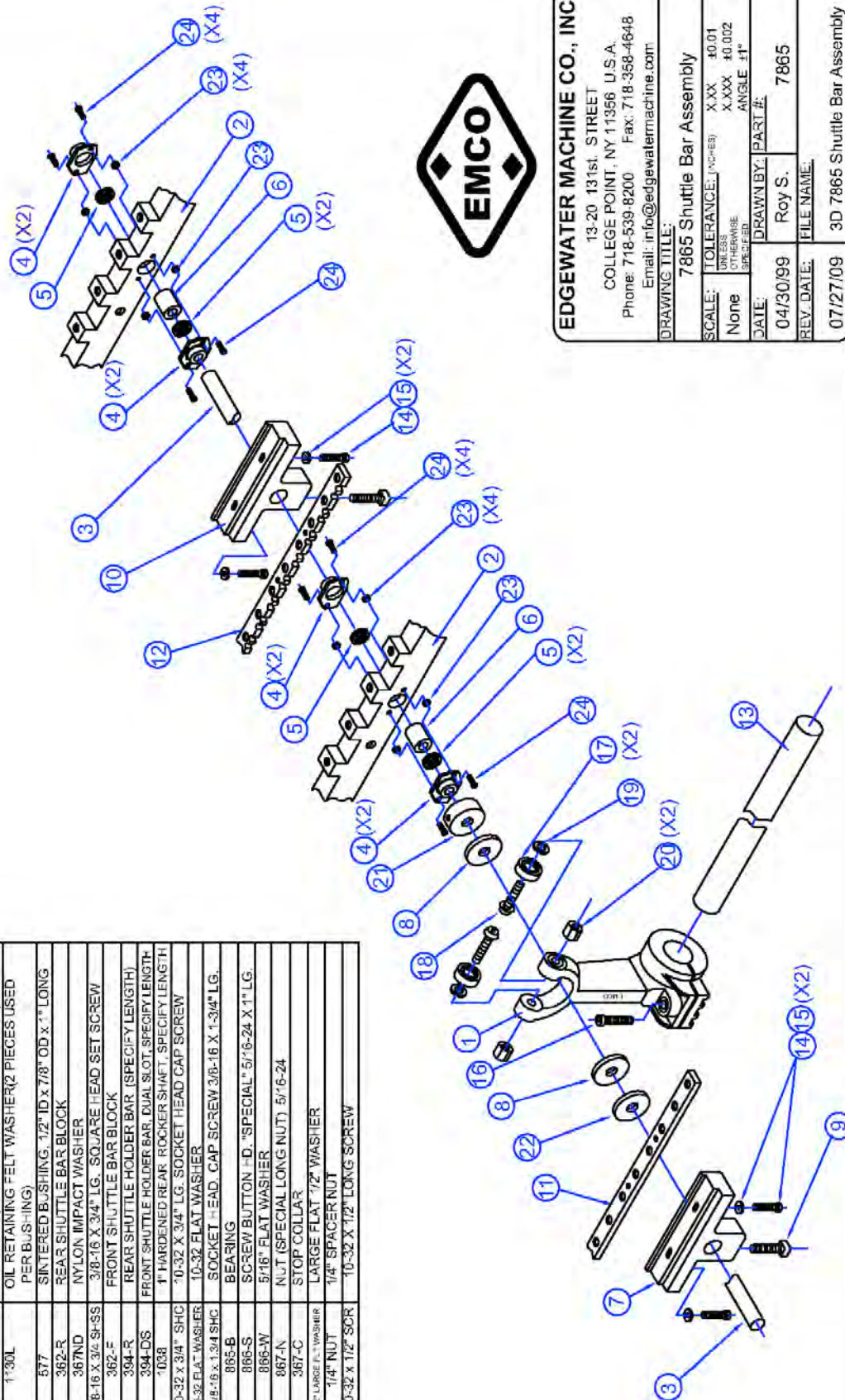
BILL OF MATERIAL	
ITEM #	PART # DESCRIPTION
1	415 STUD
2	528 RIGHT HAND LINK
3	528SW HARDENED STEP WASHER
4	762 REAR ROCKER SHAFT SLOTTED LEVER
5	1/2" HARD WASHER
6	1/2-20 NUT
7	3/8-16 x 1-3/4" SH
8	7665 SHUTTLE DRIVE LEVER
9	1038 1" LOWER ROCKER SHAFT
10	357N NUT (RIGHT HAND OR LEFT HAND) specify thread
11	356 CONNECTING ROD (SPECIFY THRD. AND LENGTH)
12	856 SHUTTLE DRIVE ECCENTRIC. SPECIFY THREAD
13	1/2-13 x 1 SQH SQUARE HEAD SCREW 1/2-13 X 1" LG.
14	7885 SHUTTLE DRIVE LEVER
15	1039 MAIN SHAFT
16	868-W WASHER
17	865-B BEARING
18	867 SPECIAL LONG NUT 5/16-24
19	866-S SPECIAL BUTTON HEAD SCREW *5/16-24 X 1" LG.



EDGEWATER MACHINE CO., INC.
 13-20 131st STREET
 COLLEGE POINT, NY 11356 U.S.A.
 PHONE: 718-539-8200
 FAX: 718-358-4648

DRAWING TITLE:		752 Shuttle Drive Assembly	
SCALE:	TOLERANCE: (INCHES)	x.xx ± 0.01	
	UNLESS OTHERWISE SPECIFIED	x.xxx ± 0.002	
DATE:	DRAWN BY:	PART #:	
05-03-99	Roy S.	752	
REV. DATE:	FILE NAME:		
09-06-07	752 Shuttle Drive Assembly		

BILL OF MATERIAL	
ITEM #	PART # DESCRIPTION
1	7865 SHUTTLE DRIVE LEVER COMPLETE WITH BEARINGS
2	828 RACE BED BAR, (SPECIFY LENGTH)
3	367-H 1/2" SHUTTLE DRIVE ROD, (SPECIFY LENGTH)
4	1-29 RETAINER (2 PIECES USED PER BUSHING)
5	1-30L OIL RETAINING FELT WASHER (2 PIECES USED PER BUSHING)
6	577 SINTERED BUSHING, 1/2" ID x 7/8" OD x 1" LONG
7	362-R REAR SHUTTLE BAR BLOCK
8	367ND NYLON IMPACT WASHER
9	3/8-16 X 3/4" LG. SQUARE HEAD SET SCREW
10	362-F FRONT SHUTTLE BAR BLOCK
11	394-R FRONT SHUTTLE HOLDER BAR, (SPECIFY LENGTH)
12	394-DS FRONT SHUTTLE HOLDER BAR, DUAL SLOT, (SPECIFY LENGTH)
13	*038 1" HARDENED REAR ROCKER SHAFT, (SPECIFY LENGTH)
14	10-32 X 3/4" LG. SOCKET HEAD CAP SCREW
15	10-32 FLAT WASHER
16	3/8-16 X 1-3/4" SHC SOCKET HEAD, CAP SCREW 3/8-16 X 1-3/4" LG.
17	865-B BEARING
18	865-S SCREW BUTTON - D, "SPECIAL" 5/16-24 X 1" LG.
19	865-W 5/16" FLAT WASHER
20	867-N NUT (SPECIAL LONG NUT) 5/16-24
21	367-C STOP COLLAR
22	1/2" LARGE FLAT WASHER
23	1/4" NUT
24	10-32 X 1 1/2" SCR



EDGEWATER MACHINE CO., INC.
 13-20 131st. STREET
 COLLEGE POINT, NY 11356 U.S.A.
 Phone: 718-539-8200 Fax: 718-358-4648
 Email: info@edgewatermachine.com

DRAWING TITLE:		7865 Shuttle Bar Assembly	
SCALE:	TOLERANCE:	X.XX ±0.01	UNLESS OTHERWISE SPECIFIED
None	OTHERWISE	X.XXX ±0.002	ANGLE ±1°
DATE:	DRAWN BY:	Part #:	7865
04/30/99	Roy S.	FILE NAME:	
REV. DATE:	07/27/09	3D 7865 Shuttle Bar Assembly	



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET

COLLEGE POINT, NY 11356 U.S.A.

Phone: 718-539-8200 Fax: 718-358-4648

Email: info@edgewatermachine.com

DRAWING TITLE:

789-NT Intermittent Top Take Up Assembly

SCALE: TOLERANCE:

None

DATE:	DATE:	DATE:
-------	-------	-------

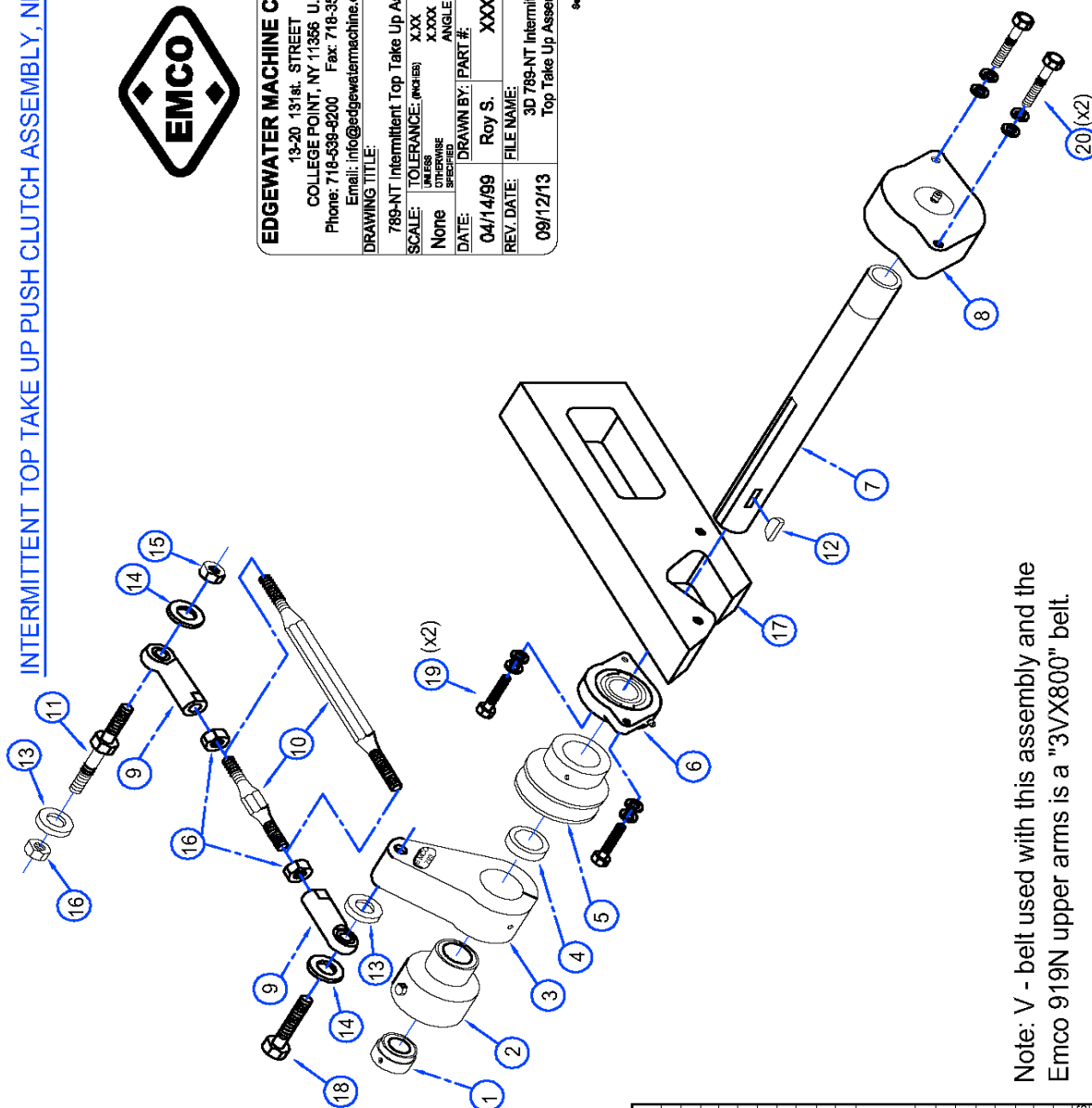
DATE:	04/14/00	DRAWN BY:	Rev. C	PART #:	WVVV
-------	----------	-----------	--------	---------	------

04/14/99	Roy S.
----------	--------

REV. DATE:	FILE NAME:
------------	------------

09/12/13

Sep 12 2013 - 12:54 pm



Note: V - belt used with this assembly and the Emco 919N upper arms is a "3VX800" belt.

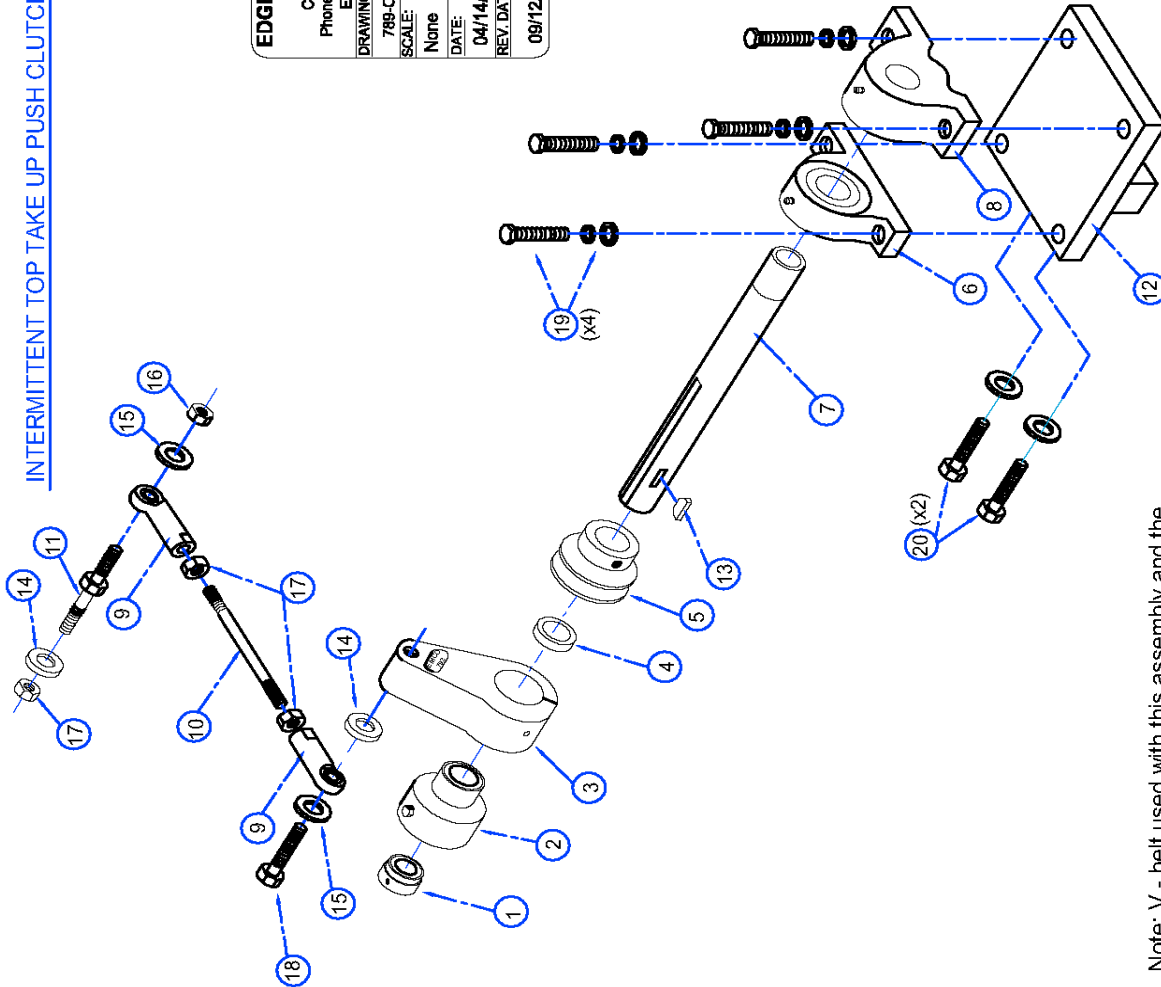
BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	789-SC	1" STEP COLLAR
2	789	FORWARD PUSH CLUTCH
3	783	CLUTCH DRIVE LEVER
4	789-SB	BRONZE BUSHING
5	794	CLUTCH PULLEY, 3" DIA.
6	228	FLANGE BEARING
7	796	1"x 9" SHAFT WITH SHOULDER
8	785	BACK STOP BEARING CLUTCH
9	788 - RH	1/2-20 R.H. THREAD ROD END
10	792	9-12" LONG, SPECIFY LENGTH; 1/2-20 R.H. THREAD BOTH ENDS
11	791	STUD
12	14" WOODRUFF KEY	1" WOODRUFF KEY
13	1/2" HARDENED WASHER	1/2" HARDENED WASHER
14	1/2" FLAT WASHER	1/2" FLAT WASHER
15	1/2-13 NUT	1/2-13 NUT
16	1/2-20 NUT	1/2-20 NUT
17	879NT	SIDE STAND RISER BLOCK
18	1/2-13 x 1.34 HHC	1/2-13 x 1.34" LONG HEX HEAD CAP
19	5/16-18 x 1.12 HHC	5/16-18 x 1.12" HEX HEAD CAP & WASHERS
20	5/16-18 x 7/8 HHC	5/16-18 x 7/8" HEX HEAD CAP & WASHERS.

INTERMITTENT TOP TAKE UP PUSH CLUTCH ASSEMBLY , OLD TYPE



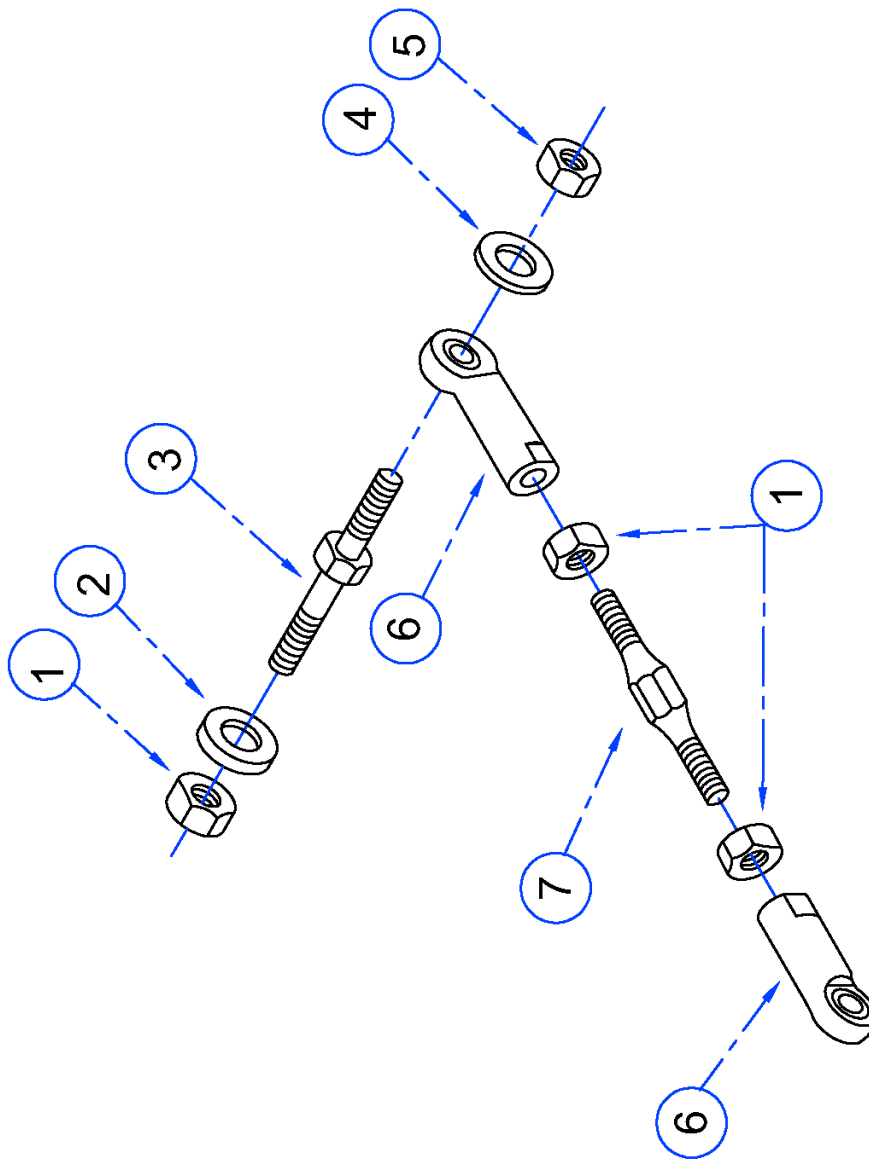
EDGEWATER MACHINE CO., INC.	
13-20 131st. STREET	
COLLEGE POINT, NY 11356 U.S.A.	
Phone: 718-539-8200 Fax: 718-358-4648	
Email: info@edgewatermachine.com	
DRAWING TITLE:	
789-OT Intermittent Top Take Up Assembly	
SCALE:	TOLERANCE: (inches)
UNLESS SPECIFIED	XXX ±0.01
XXX ±0.002	XXX ±0.002
XXX ±0.005	XXX ±0.005
DATE:	DRAWN BY: PART #:
04/14/99	Roy S. XXXXXX
REV. DATE:	FILE NAME:
08/12/13	3D 789-OT Intermittent Top Take Up Assembly

Sep 12 2013 - 5:02 am



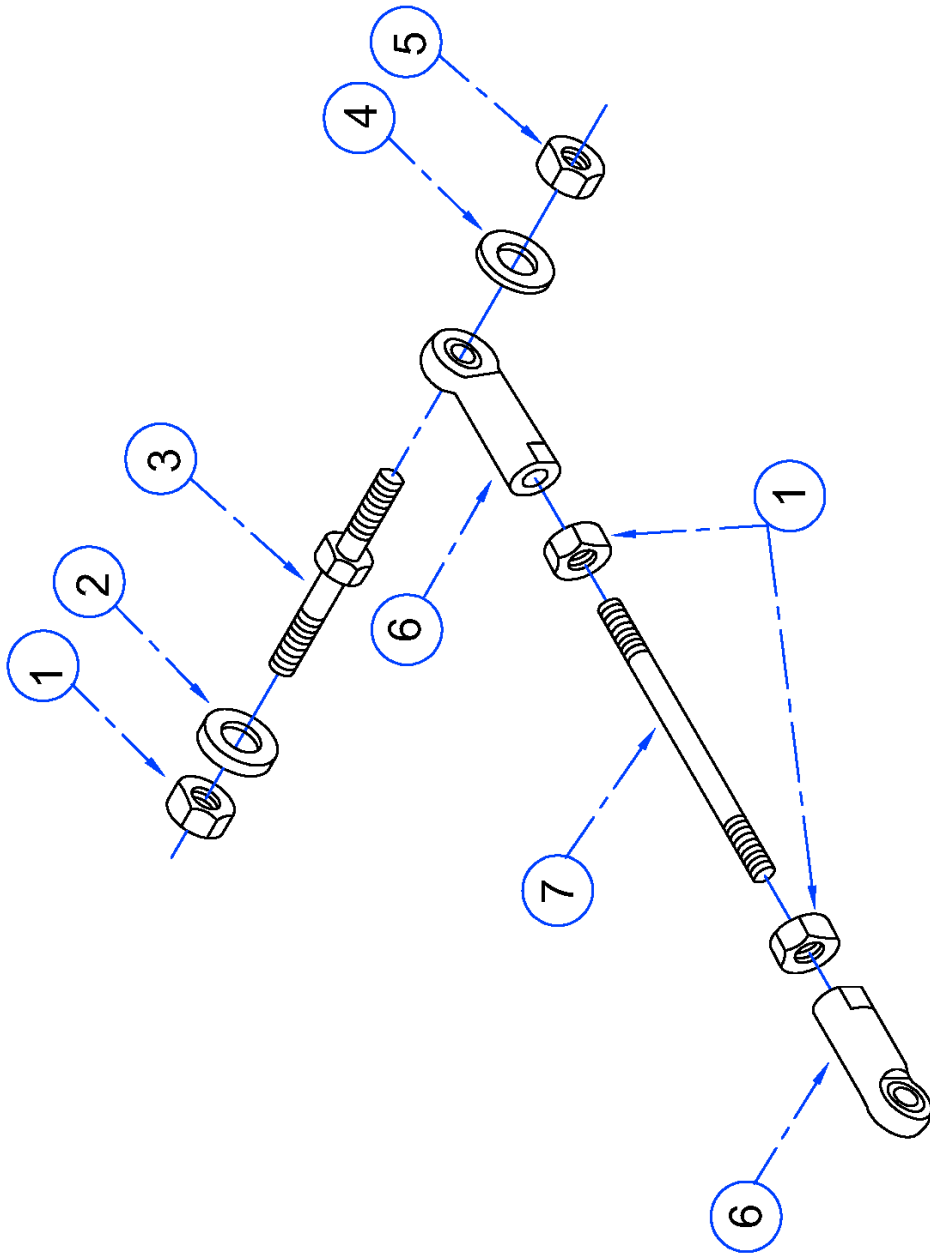
Note: V - belt used with this assembly and the Emco 919N upper arms is a "3VX750" belt

BILL OF MATERIAL	
ITEM #	PART # DESCRIPTION
1	789-SC 1" STEP COLLAR
2	789 FORWARD PUSH CLUTCH
3	793 CLUTCH DRIVE LEVER
4	789-SB BRONZE BUSHING
5	794 SPECIAL CLUTCH PULLEY
6	827 PILLOW BLOCK BEARING
7	796 1" x 10.1/4" SPECIAL SHAFT
8	208 BACK STOP CLUTCH
9	788-RH R.H. LINK
10	792 1/2" ROUND CONNECTING ROD, 7" LONG 1/2-20 R.H. THREAD BOTH ENDS
11	791 STUD
12	957 MOUNTING PLATE
13	1/4" WOODRUFF KEY
14	1/2" HARDENED WASHER
15	1/2" FLAT WASHER
16	1/2-13 NUT
17	1/2-20 NUT
18	1/2-13 x 1.3/4" HHC 1/2-13 x 1.3/4" HEX HEAD CAP
19	3/8-16 x 1.1/2" HHC 3/8-16 x 1.1/2" HEX HEAD CAP & WASHERS
20	3/8-16 x 2" HHC 3/8-16 x 2" HEX HEAD CAP & WASHERS



EDGEWATER MACHINE CO., INC.	
13-20 131st. STREET COLLEGE POINT, NY 11356 U.S.A. PHONE: 718-539-8200 FAX: 718-358-4648	
DRAWING TITLE: 792 New Connecting Rod Assembly for Intermittent Top Push Clutch	
SCALE: NONE UNLESS OTHERWISE SPECIFIED	TOLERANCE: (INCHES) X.XX ±0.01 X.XXX ±0.005 ANGLE ±1°
DATE: 06/14/99	DRAWN BY: M.M.P.
REV. DATE: 07/31/09	CHECKED BY: FILE NAME:
3D 792 New Connecting Rod Assembly for Intermittent Top Push Clutch	

BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	1/2-20 NUT	1/2-20 NUT
2	1/2" HARDENED WASHER	1/2" HARDENED WASHER
3	791	STUD
4	1/2" FLAT WASHER	1/2" FLAT WASHER
5	1/2-13 NUT	1/2-13 NUT
6	788-RH	1/2-20 R.H. ROD END
7	792	HEX CONNECTING ROD (SPECIFY O.A. LENGTH)



EDGEWATER MACHINE CO., INC.

13-20 131st STREET

COLLEGE POINT, NY 11356 U.S.A.

PHONE: 718-539-8200

FAX: 718-358-4648

DRAWING TITLE:

792 Old Connecting Rod Assembly for

Intermittent Top Push Clutch

SCALE:

TOLERANCE:

OTHERWISE SPECIFIED

DATE:

REV. DATE:

07/31/09

06/14/99

CHECKED BY:

FILE NAME:

3D 792 Old Connecting Rod Assembly

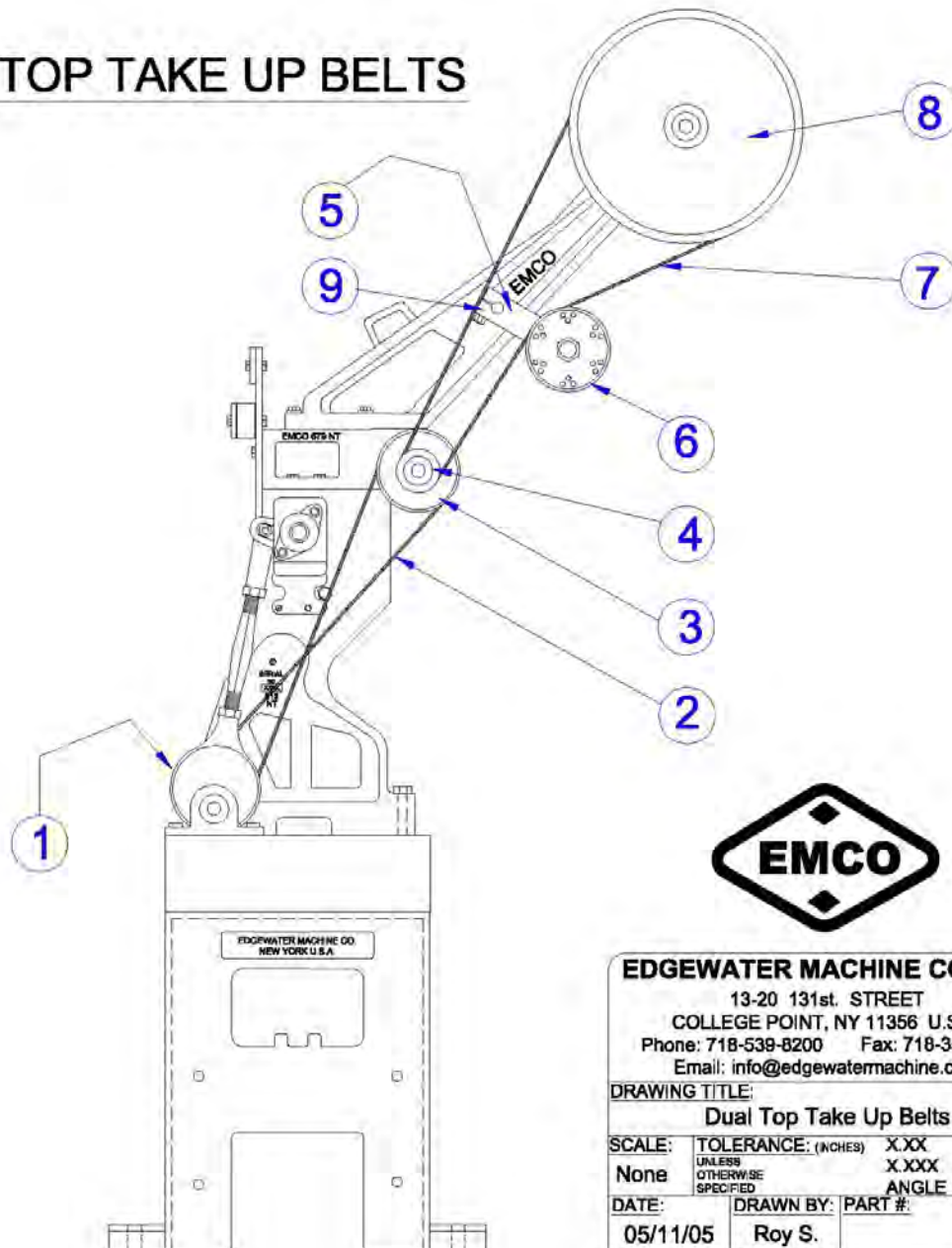
for Intermittent Top Push Clutch

BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	1/2-20 NUT	1/2-20 NUT
2	1/2" HARDENED WASHER	1/2" HARDENED WASHER
3	791	STUD
4	1/2" FLAT WASHER	1/2" FLAT WASHER
5	1/2-13 NUT	1/2-13 NUT
6	788-RH	1/2-20 R.H. ROD END
7	792-Round	ROUND CONNECTING ROD (SPECIFY O.A. LENGTH)

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	386-V	SPLIT MAIN SHAFT PULLEY (HIDDEN BEHIND ECCENTRIC)
2	386-LRLB	LOWER ROUND LEATHER BELT (SPECIFY LENGTH) (usually 66.1/2" long)
3	734	6" INTERMEDIATE PULLEY
4	732	3" INTERMEDIATE PULLEY
5	388	TENSIONER ARM
6	384-NT	TENSIONER PULLEY
7	386-URLB	UPPER ROUND LEATHER BELT (SPECIFY LENGTH) (usually 74" long)
8	386-15	15" TOP TAKE UP PULLEY
9	389-S	TENSIONER ARM STUD

DUAL TOP TAKE UP BELTS



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE:

Dual Top Take Up Belts

SCALE: TOLERANCE: (INCHES) X.XX ±0.01
None UNLESS OTHERWISE SPECIFIED X.XXX ±0.002
ANGLE ±1°

DATE: 05/11/05 DRAWN BY: Roy S. PART #:

REV. DATE: 05/17/07 FILE NAME: Dual Top Take Up Belts

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	953	3" PULLEY (CAST IRON)
2	827	PILLOW BLOCK BEARING
3	954	1" X 8.1/4" LONG SHAFT
4	957	MOUNTING PLATE
5	956	6" PULLEY (STAMPED STEEL)
6	3/8-16 X 1.3/4 HHC	3/8-16 X 1.3/4 HEX HEAD CAP
7	3/8 LOCK WASHER	3/8 LOCK WASHER
8	3/8 FLAT WASHER	3/8 FLAT WASHER
9	3/8-16 X 1.1/2 HHC	3/8-16 X 1.1/2" HEX HEAD CAP

The diagram illustrates the assembly of a pulley system. Component 1 is a small pulley at the bottom left. Component 2 is a pillow block bearing. Component 3 is a long shaft. Component 4 is a mounting plate. Component 5 is a large stamped steel pulley. Components 6, 7, and 8 are fasteners used to secure the assembly. Component 9 is a hex head cap screw. Dashed lines indicate the alignment and assembly sequence of the parts.

EMCO

EDGEWATER MACHINE CO., INC.
 13-20 131st. STREET
 COLLEGE POINT, NY 11356 U.S.A.
 PHONE: 718-539-8200
 FAX: 718-358-4648

DRAWING TITLE: #957-A INTERMEDIATE TOP TAKE UP PULLEY ASSEMBLY			
SCALE: NONE	TOLERANCE: (INC-SS) X.XX ±0.01 OTHERWISE X.XXX ±0.005	DRAWN BY: M.M.P.	CHECKED BY:
DATE: 06/07/00	REV. DATE: 07/30/09	FILE NAME: #957-A INTERMEDIATE TOP TAKE UP PULLEY ASSEMBLY	

MAIN SHAFT BELT GUARD FOR LOCKSTITCH MACHINE

93A

93B



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648

DRAWING TITLE:

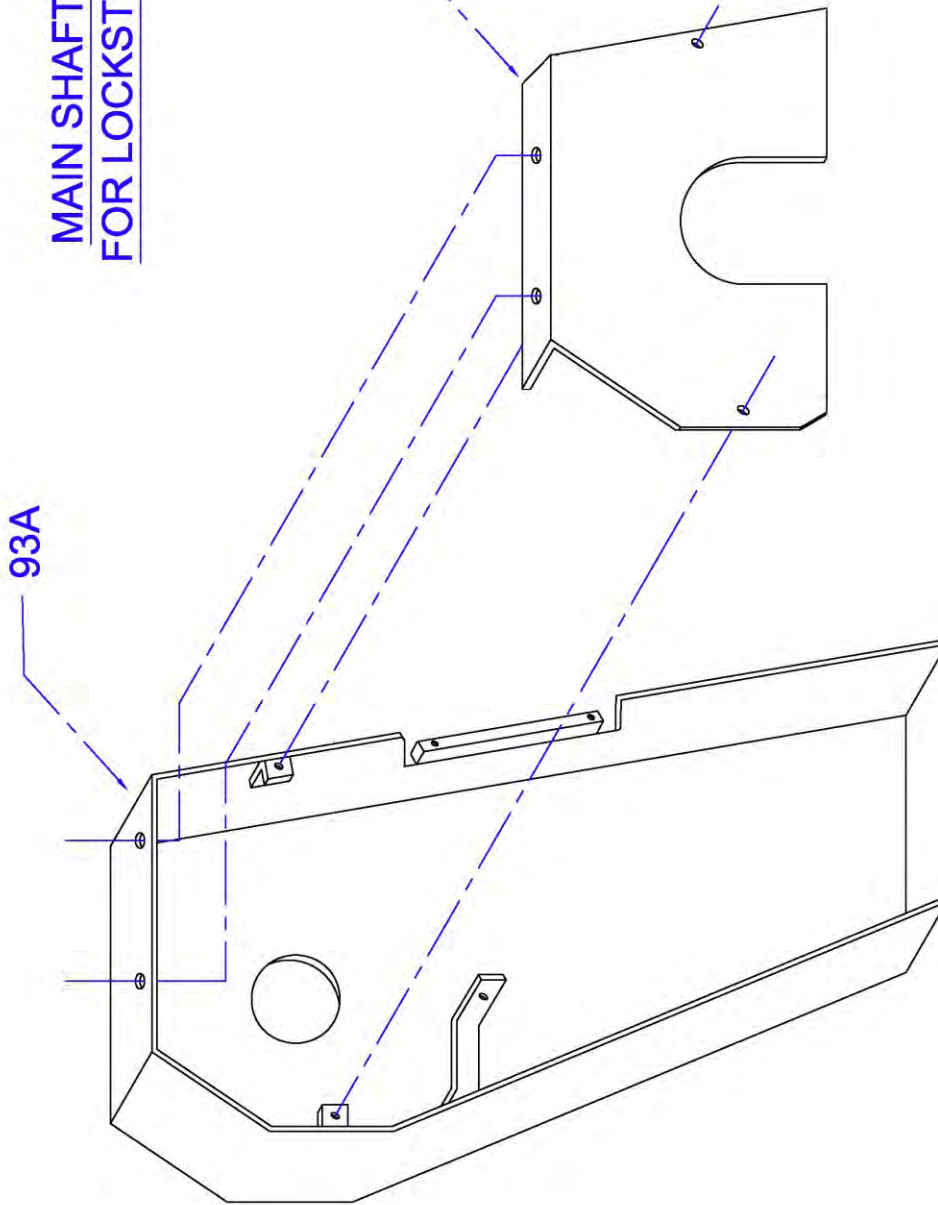
93 Main Shaft Belt Guard

SCALE: TOLERANCE: (INCHES) X.XX ±0.01
UNLESS OTHERWISE SPECIFIED X.XXX ±0.005
NONE ANGLE ±1°

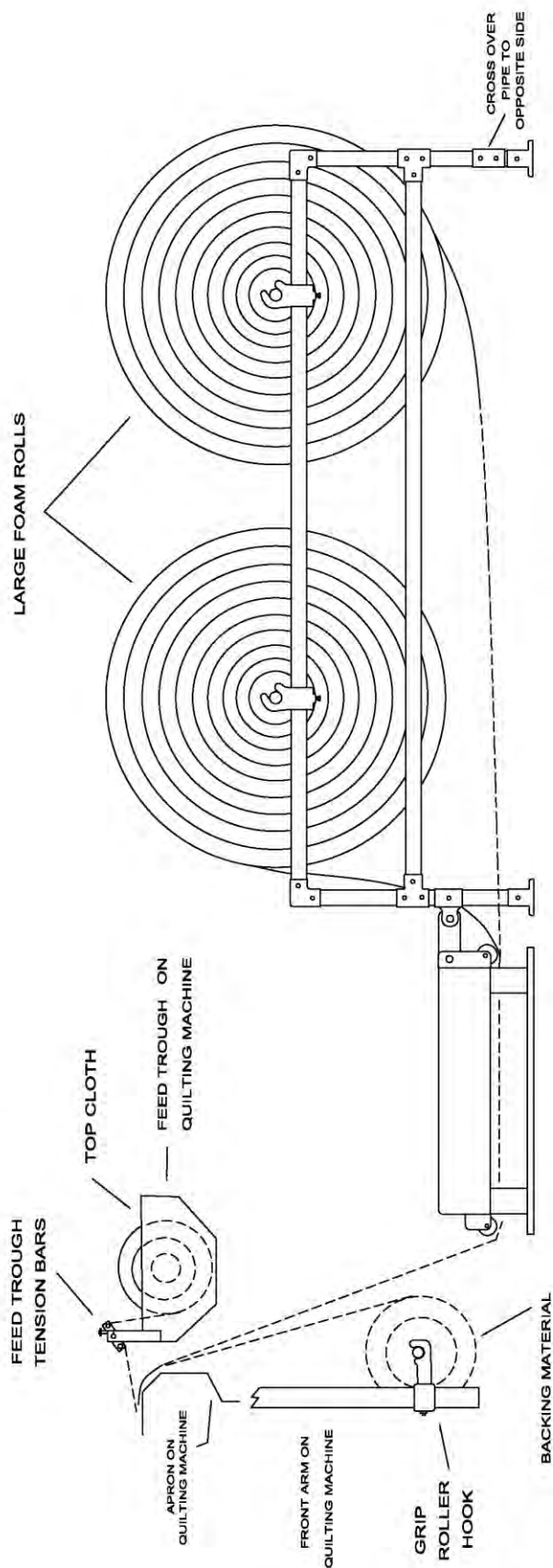
DATE: 02/01/00 DRAWN BY: M.M.P. CHECKED BY:

REV. DATE: 02/07/00 FILE NAME:

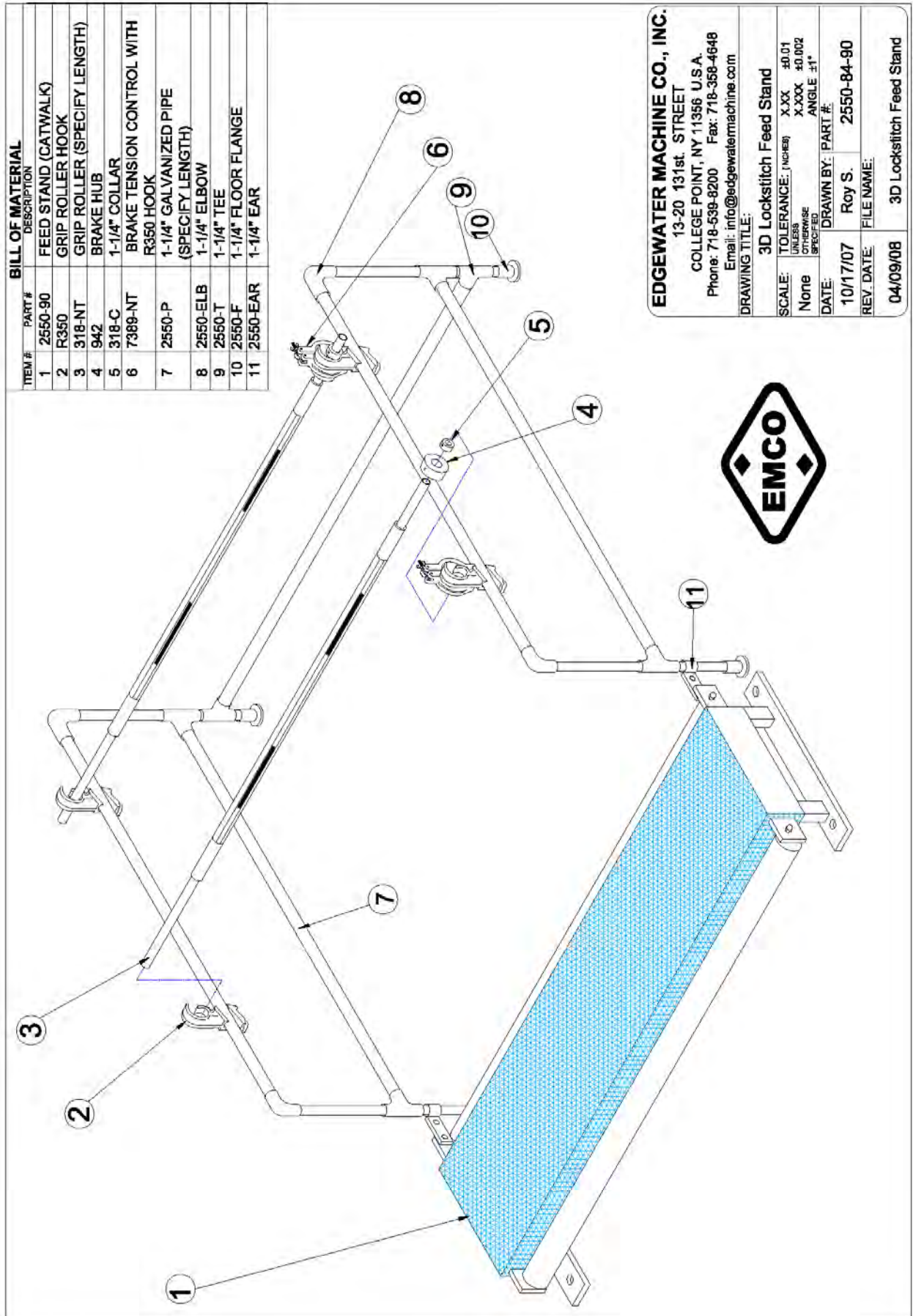
3D 93 Main Shaft Belt Guard



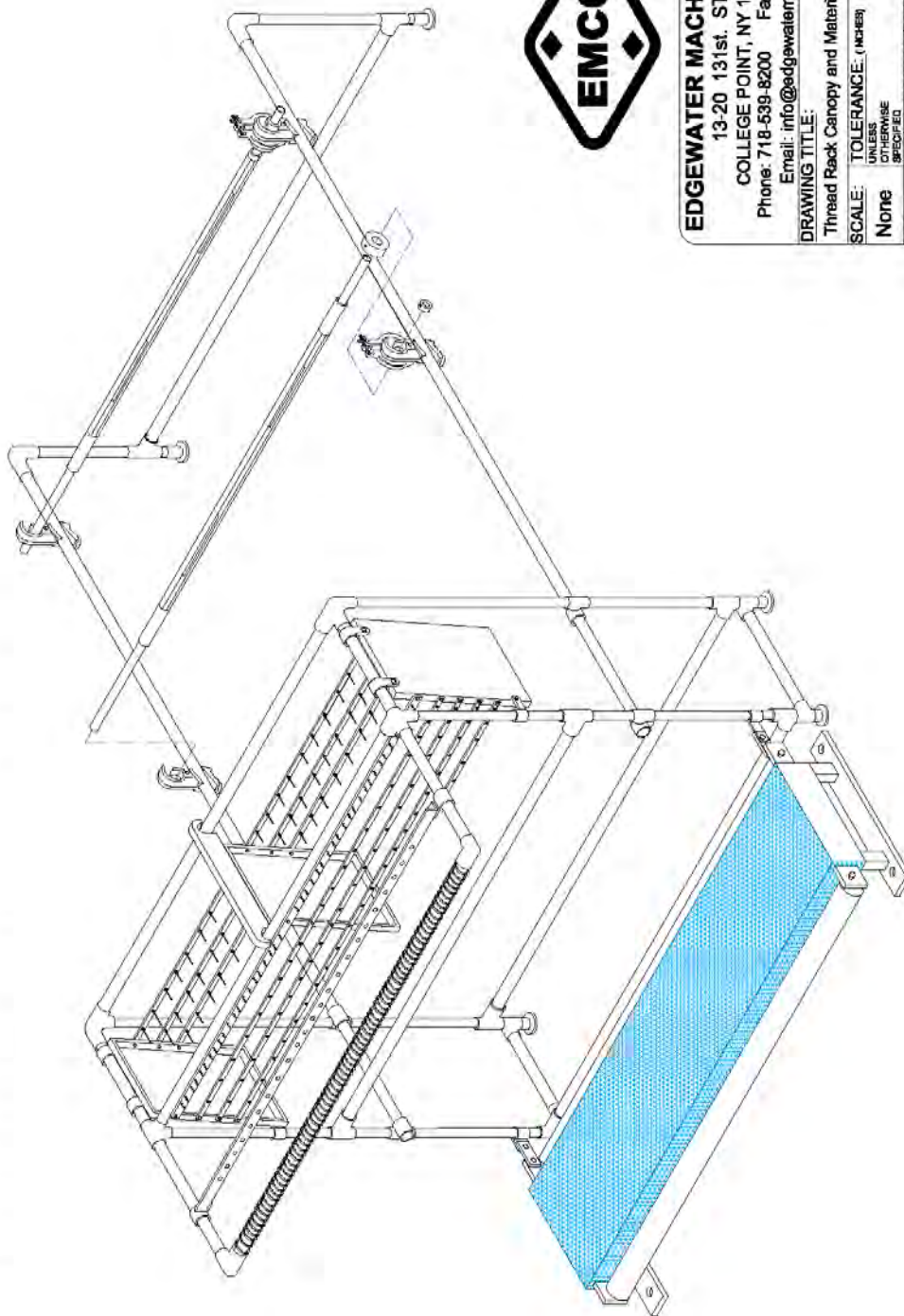
EMCO 2 ROLL FRONT FEED STAND AND WALKWAY



EDGEWATER MACHINE CO., INC. 13-20 131st. STREET COLLEGE POINT, NY 11356 U.S.A. PHONE: 718-539-8200 FAX: 718-358-4648 EMAIL: info@edgewatermachine.com		SCALE: NONE	TOLERANCE: (INCHES) UNLESS OTHERWISE SPECIFIED	X.XX ±0.01 X.XXX ±0.002
		DATE: 04/01/02	DRAWN BY: Roy S.	ANGLE ±1° PART #: 2550-2
DRAWING TITLE: Feedstand for 2 rolls		REV. DATE: 04/01/02	FILE NAME: Feedstand for 2 rolls.dwg	



**Optional Thread Rack Canopy and
2 Roll Material Handling Package for the Lockstitch Quilter**



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET

COLLEGE POINT, NY 11356 U.S.A.

Phone: 718-539-8200 Fax: 718-358-4648

Email: info@edgewatermachine.com

DRAWING TITLE:

Thread Rack Canopy and Material Handling Package

SCALE: TOLERANCE: (INCHES) X.XX ±0.01

UNLESS OTHERWISE SPECIFIED

NOTE: X.XXX ±0.002

ANGLE ±1°

DATE: 02/25/03

DRAWN BY: Roy S.

PART #: 2550 & 444C

REV. DATE: 04/04/08

FILE NAME: 3D Lockstitch Feed Stand and Thread Rack Canopy

Apr 04 2008 8:18 am

EDGEWATER MACHINE CO., INC.

13-20 131st STREET

COLLEGE POINT, NY 11356 U.S.A.

Phone: 718-538-8200 Fax: 718-388-4648

Email: info@edgewatermachine.com

DRAWING TITLE:

Feedstand for 3 Rolls - 2550-3

SCALE: TOLERANCE: (INCHES) X.XX ±0.01

None UNLESS SPECIFIED X.XXX ±0.002

DATE: DRAWN BY: PART #: 2550 - 3

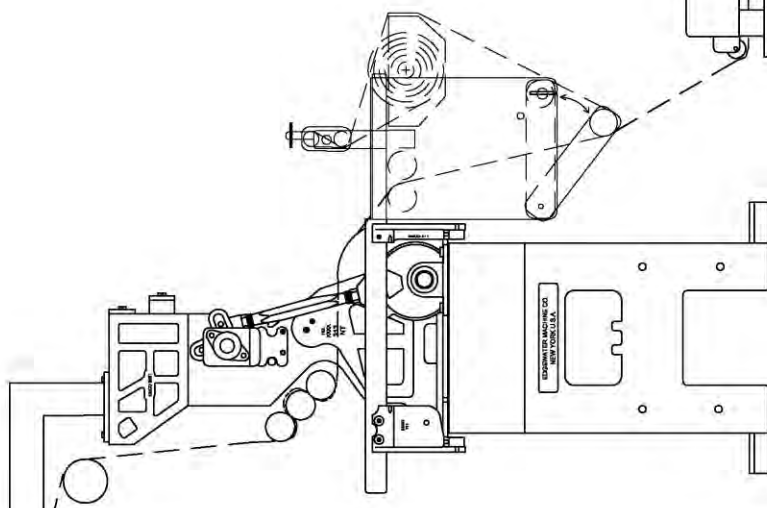
04/02/00 Roy S.

REV. DATE: FILE NAME:

08/29/05 Feedstand for 3 Rolls - 2550-3



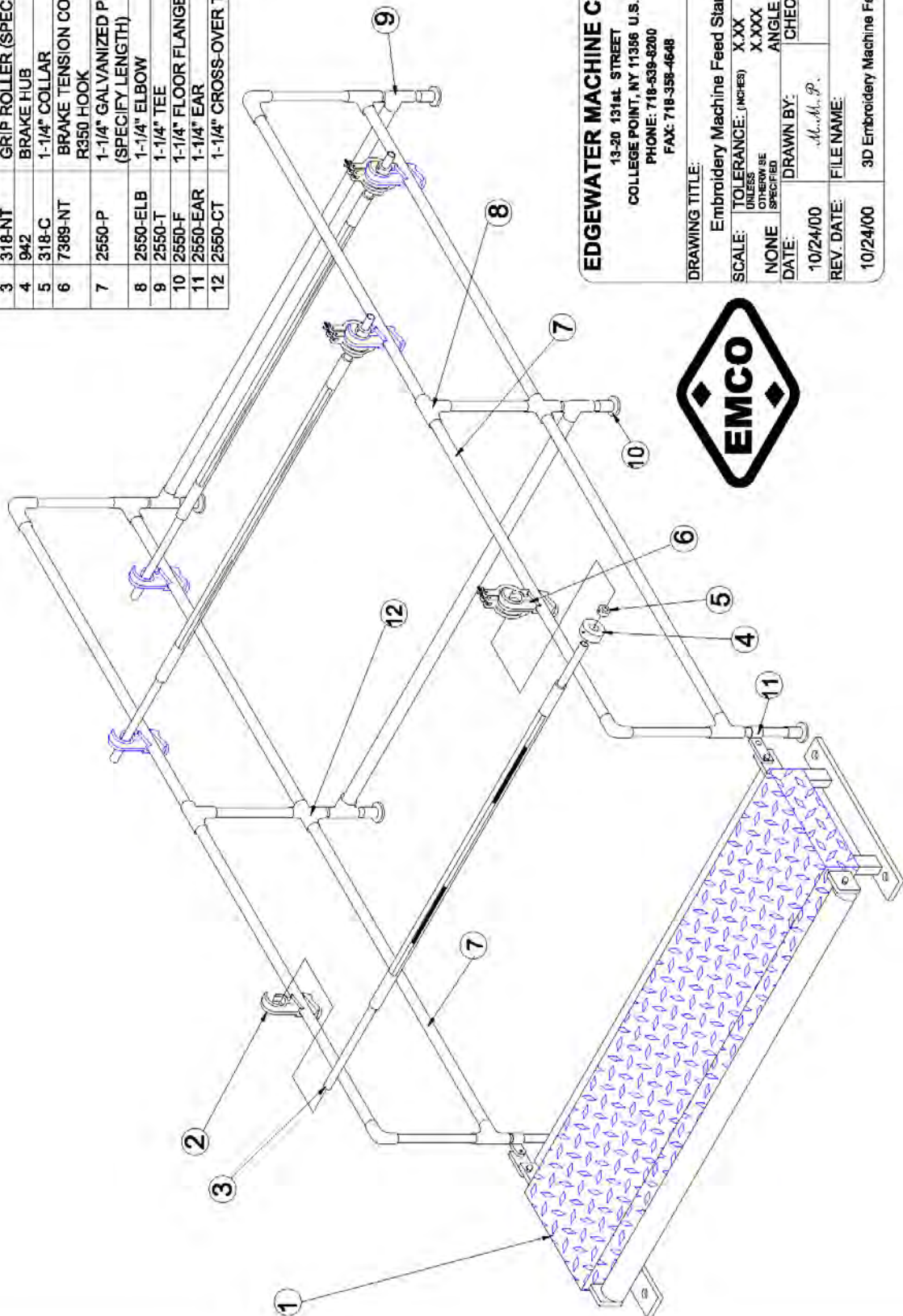
Optional three roll feed stand



Optional fourth roll shown mounted on feedstand

Aug 29 2005 - 7:46 am

ITEM #	PART #	DESCRIPTION
1	2550	FEED STAND (CATWALK)
2	R350	GRIP ROLLER HOOK
3	318-NT	GRIP ROLLER (SPECIFY LENGTH)
4	942	BRAKE HUB
5	318-C	1-1/4" COLLAR
6	7389-NT	BRAKE TENSION CONTROL WITH R350 HOOK
7	2550-P	1-1/4" GALVANIZED PIPE (SPECIFY LENGTH)
8	2550-ELB	1-1/4" ELBOW
9	2550-T	1-1/4" TEE
10	2550-F	1-1/4" FLOOR FLANGE
11	2550-EAR	1-1/4" EAR
12	2550-CT	1-1/4" CROSS-OVER TEE

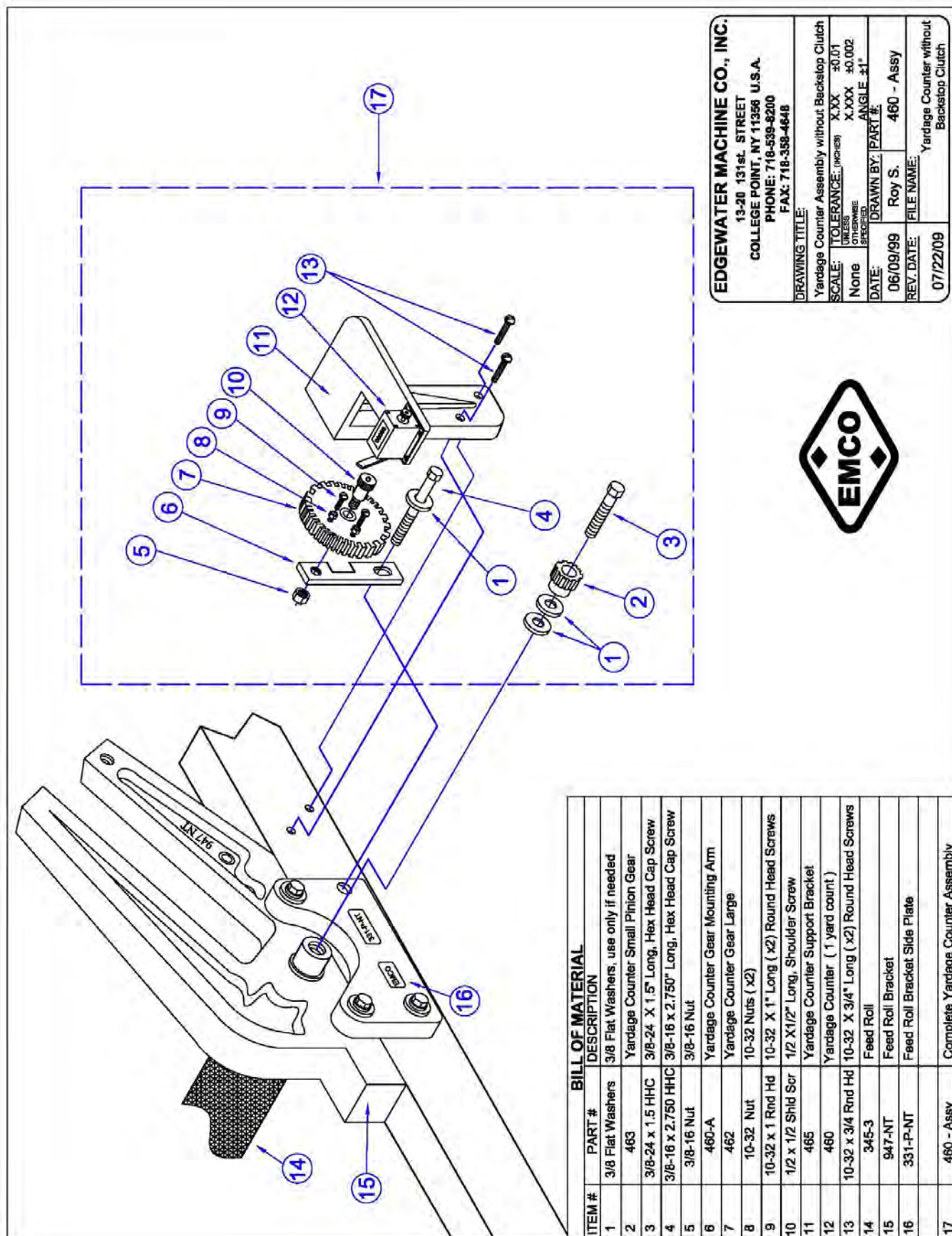


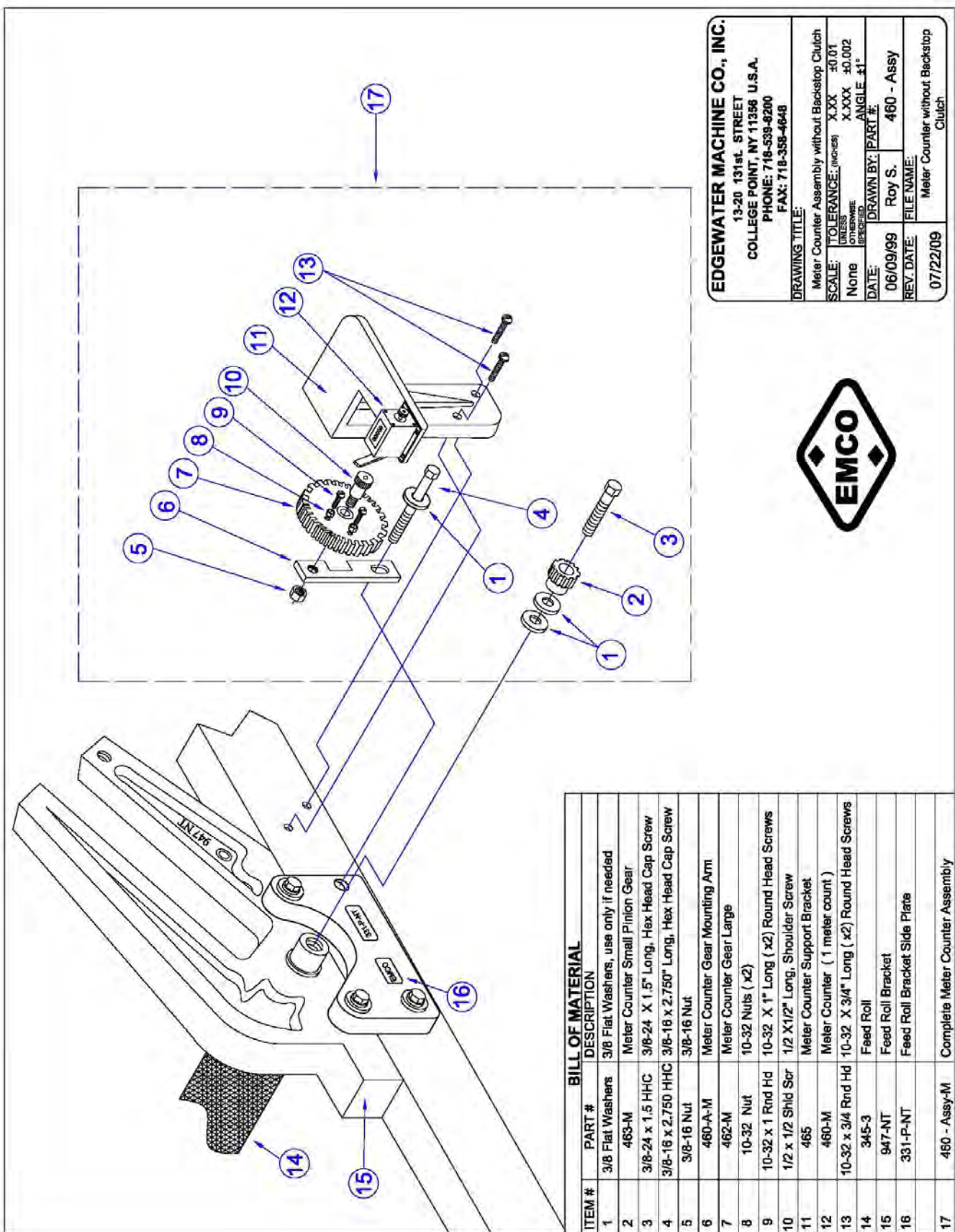
EDGEWATER MACHINE CO., INC.
 13-20 131st STREET
 COLLEGE POINT, NY 11356 U.S.A.
 PHONE: 718-539-9200
 FAX: 718-358-4648

DRAWING TITLE:

Emco Lockstitch 3D Embroidery Machine Feed Stand

SCALE: TOLERANCE: (INCHES) X.XX ±0.01
 NONE UNLESS OTHERWISE SPECIFIED X.XXX ±0.005
 DATE: 10/24/00 DRAWN BY: M.M.P. CHECKED BY:
 REV. DATE: 10/24/00 FILE NAME: 3D Embroidery Machine Feed Stand



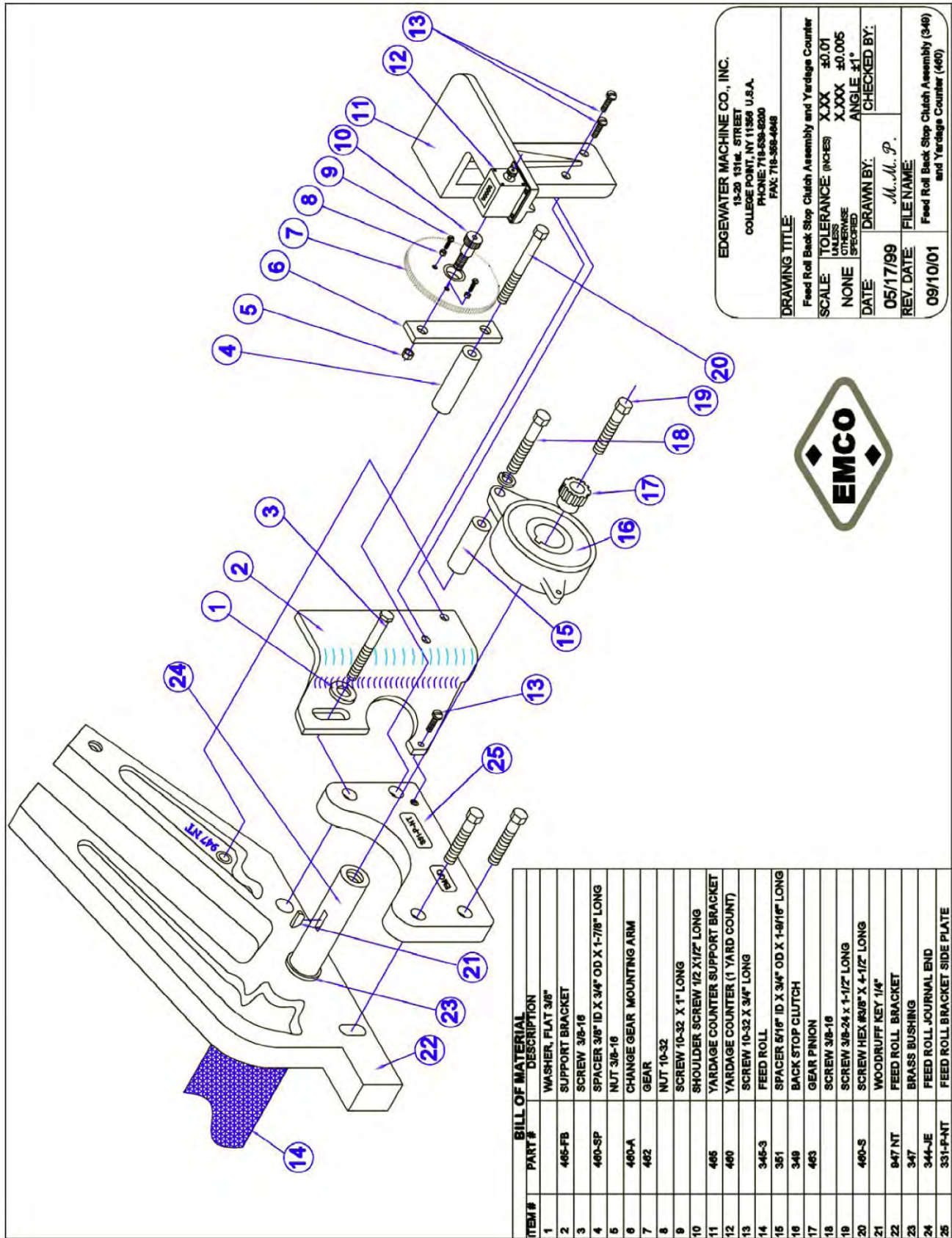


BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	3/8 Flat Washers	3/8 Flat Washers, use only if needed
2	463-M	Meter Counter Small Pinion Gear
3	3/8-24 x 1.5 HHC	3/8-24 X 1.5" Long, Hex Head Cap Screw
4	3/8-18 x 2.750 HHC	3/8-18 x 2.750" Long, Hex Head Cap Screw
5	3/8-16 Nut	3/8-16 Nut
6	460-A-M	Meter Counter Gear Mounting Arm
7	462-M	Meter Counter Gear Large
8	10-32 Nut	10-32 Nuts (x2)
9	10-32 x 1 Rnd Hd	10-32 X 1" Long (x2) Round Head Screws
10	1/2 x 1/2 Shld Scr	1/2 X 1/2" Long, Shoulder Screw
11	465	Meter Counter Support Bracket
12	460-M	Meter Counter (1 meter count)
13	10-32 x 3/4 Rnd Hd	10-32 X 3/4" Long (x2) Round Head Screws
14	345-3	Feed Roll
15	947-NT	Feed Roll Bracket
16	331-P-NT	Feed Roll Bracket Side Plate
17	460 - Assy-M	Complete Meter Counter Assembly



EDGEWATER MACHINE CO., INC.
 13-20 131st STREET
 COLLEGE POINT, NY 11358 U.S.A.
 PHONE: 718-539-8200
 FAX: 718-358-4648

DRAWING TITLE:		Meter Counter Assembly without Backstop Clutch	
SCALE:	TOLERANCE:	(INCHES)	X.XX ±0.01
None	OTHERWISE SPECIFY	(MILLIMETERS)	X.XXX ±0.002
DATE:	DRAWN BY:	FILE NAME:	ANGLE 41°
06/09/99	Roy S.	460 - Assy	
REV. DATE:	07/22/09	07/22/09	
			Meter Counter without Backstop Clutch



EDGEWATER MACHINE CO., INC.
 13-20 131st STREET
 COLLEGE POINT, NY 11356 U.S.A.
 PHONE: 718-538-8200
 FAX: 718-538-4648

DRAWING TITLE:
 Feed Roll Back Stop Clutch Assembly and Yardage Counter

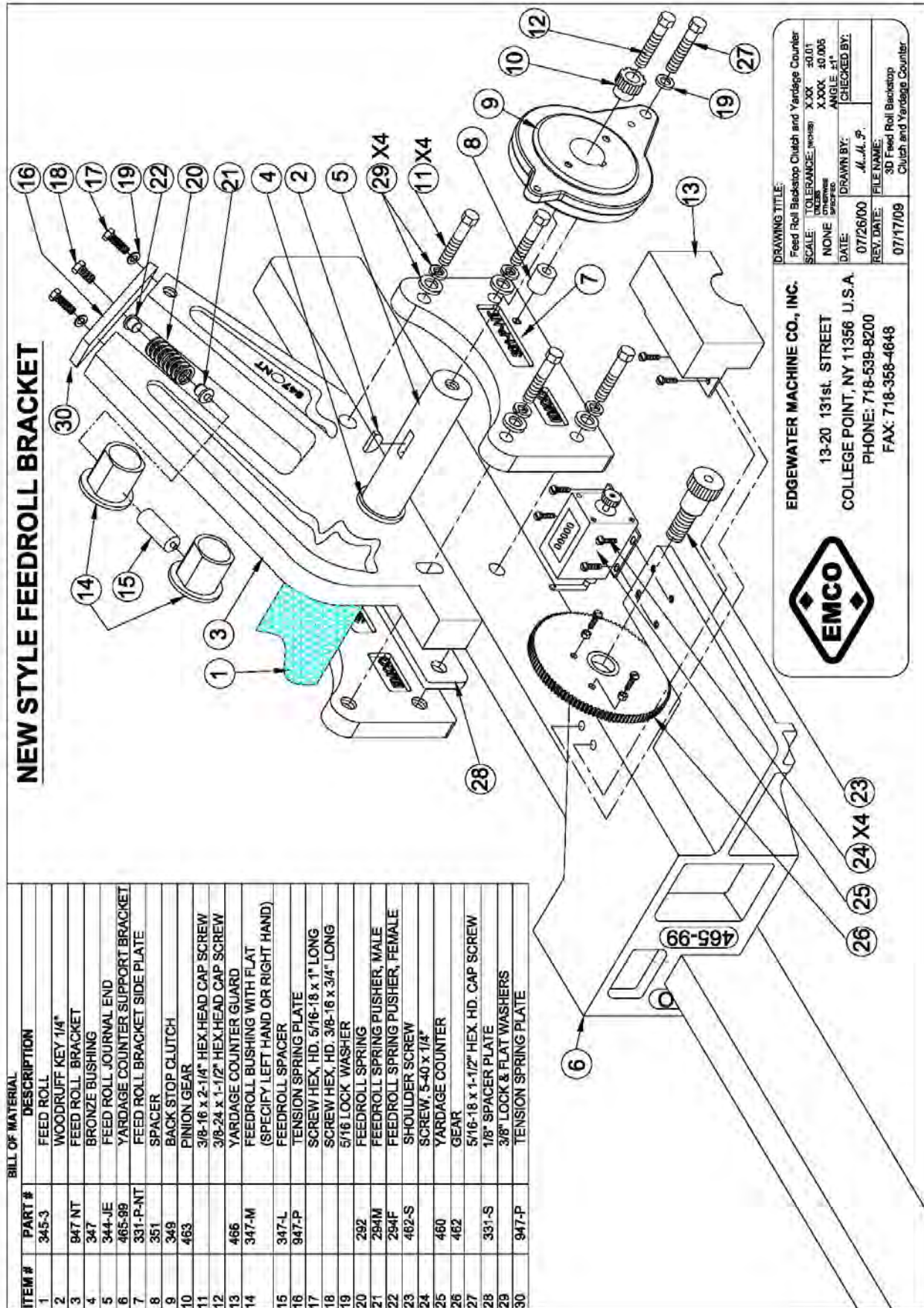
SCALE: TOLERANCE: (INCHES) X.XX ±0.01
 UNLESS OTHERWISE SPECIFIED X.XXX ±0.005

DATE: 05/17/99 **DRAWN BY:** M.M. P. **CHECKED BY:**

REV. DATE: 09/10/01 **FILE NAME:**
 Feed Roll Back Stop Clutch Assembly (349)
 and Yardage Counter (460)

NEW STYLE FEEDROLL BRACKET

BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	345-3	FEED ROLL
2		WOODRUFF KEY 1/4"
3	947 NT	FEED ROLL BRACKET
4	347	BRONZE BUSHING
5	344-JE	FEED ROLL JOURNAL END
6	465-99	YARDAGE COUNTER SUPPORT BRACKET
7	331-P-NT	FEED ROLL BRACKET SIDE PLATE
8	351	SPACER
9	349	BACK STOP CLUTCH
10	463	PINION GEAR
11		3/8-16 x 2-1/4" HEX HEAD CAP SCREW
12		3/8-24 x 1-1/2" HEX HEAD CAP SCREW
13	466	YARDAGE COUNTER GUARD
14	347-M	FEEDROLL BUSHING WITH FLAT (SPECIFY LEFT HAND OR RIGHT HAND)
15	347-L	FEEDROLL SPACER
16	947-P	TENSION SPRING PLATE
17		SCREW HEX, HD. 5/16-18 x 1" LONG
18		SCREW HEX, HD. 3/8-16 x 3/4" LONG
19		5/16 LOCK WASHER
20	292	FEEDROLL SPRING
21	294M	FEEDROLL SPRING PUSHER, MALE
22	294F	FEEDROLL SPRING PUSHER, FEMALE
23	462-S	SHOULDER SCREW
24		SCREW, 5-40 x 1/4"
25	460	YARDAGE COUNTER
26	462	GEAR
27		5/16-18 x 1-1/2" HEX. HD. CAP SCREW
28	331-S	1/8" SPACER PLATE
29		3/8" LOCK & FLAT WASHERS
30	947-P	TENSION SPRING PLATE



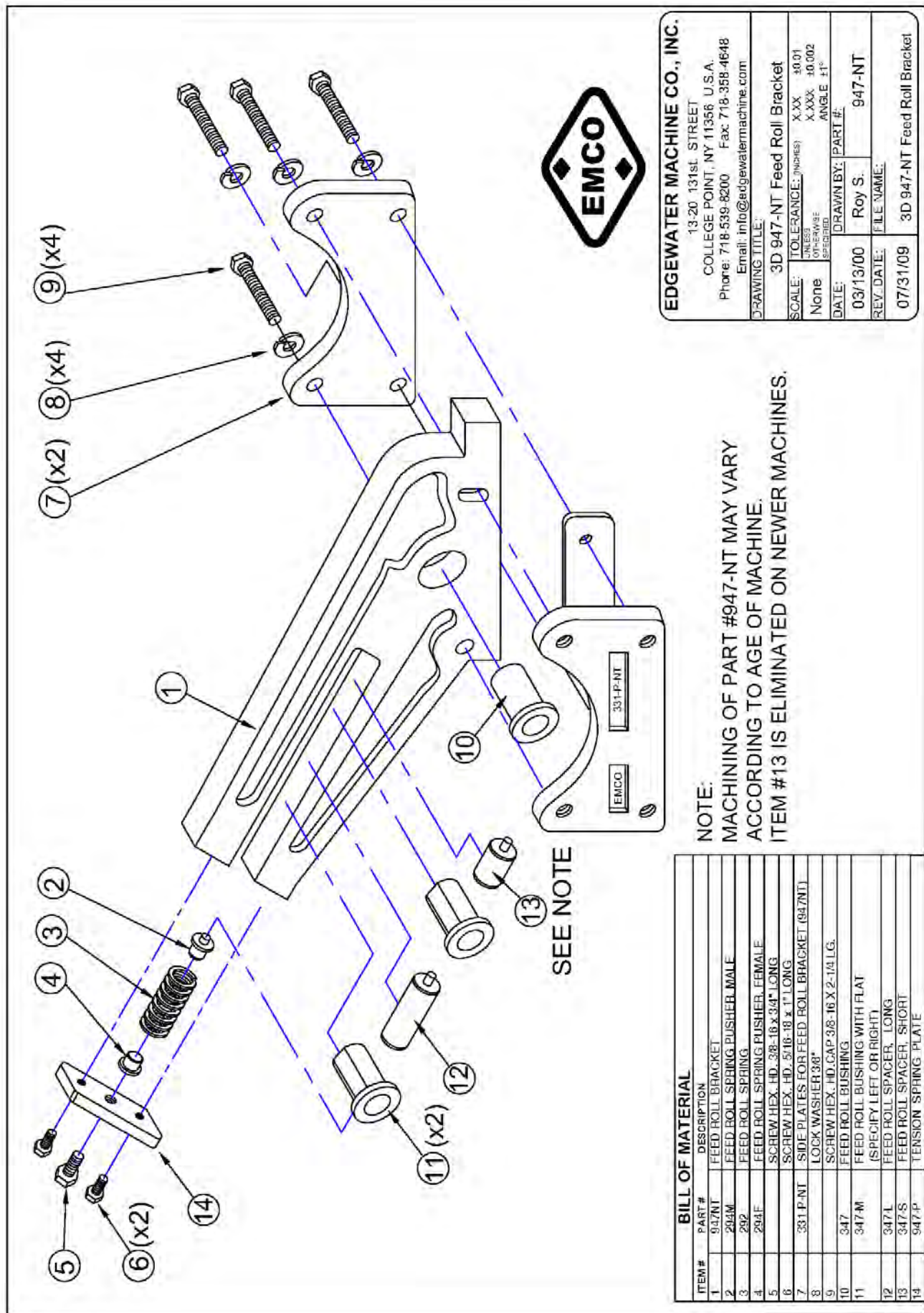
DRAWING TITLE:

FEED ROLL BACKSTOP CLUTCH AND YARDAGE COUNTER	TOLERANCE: NONE	XXX	±0.01
SCALE: NONE	XXX	40.005	±1°
DATE: 07/26/00	DRAWN BY: J.M.P.	CHECKED BY:	
REV. DATE: 07/17/09	FILE NAME: 3D Feed Roll Backstop Clutch and Yardage Counter		

EDGEWATER MACHINE CO., INC.

13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648



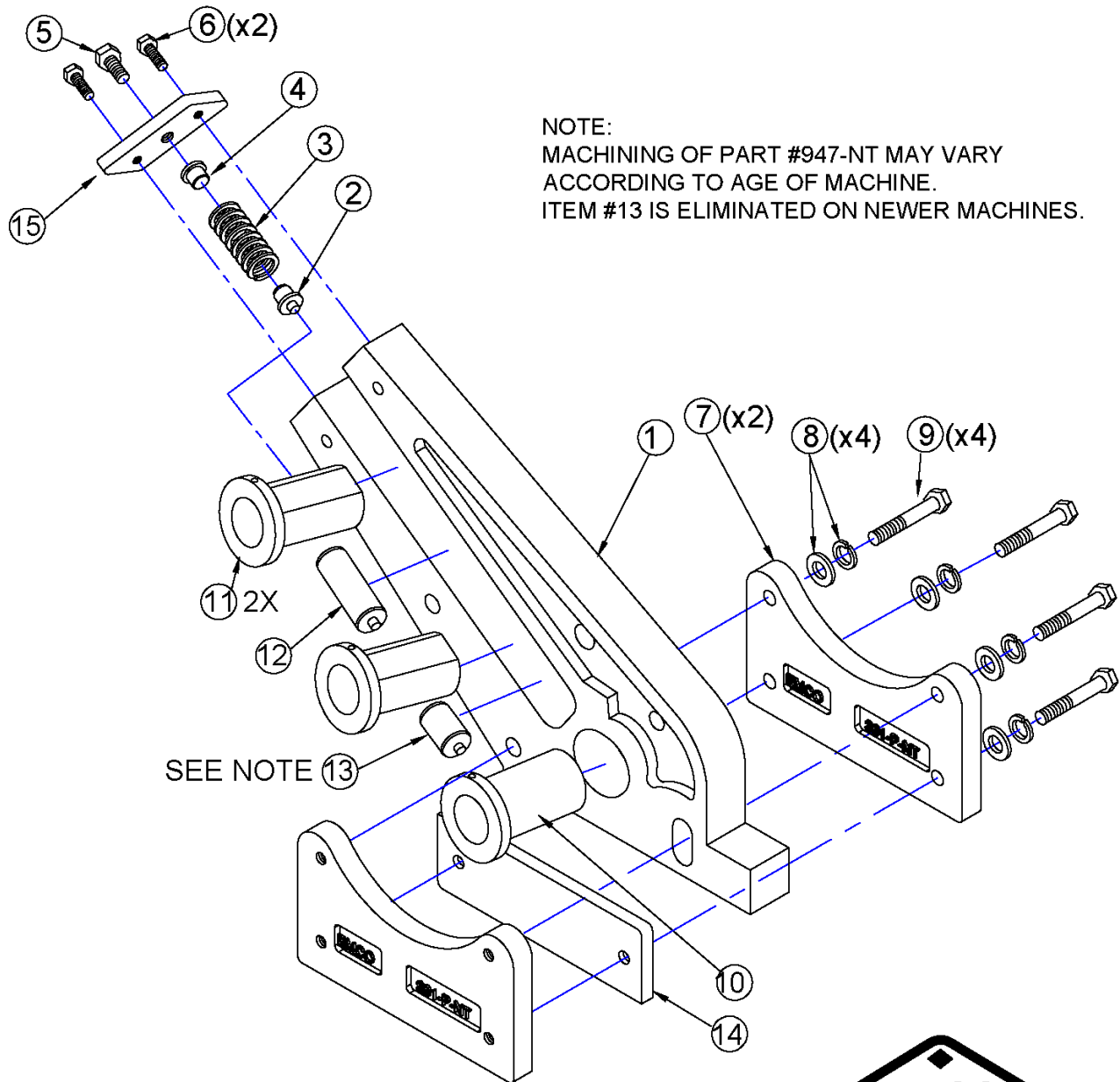


EDGEWATER MACHINE CO., INC.	
13-20 131st STREET	
COLLEGE POINT, NY 11358 U.S.A.	
Phone: 718-539-8200	Fax: 718-358-4648
Email: info@edgewatermachine.com	
DRAWING TITLE:	
3D 947-NT Feed Roll Bracket	
SCALE:	TOLERANCE:
None	X.XX ±0.01
	X.XXX ±0.002
	OTHERWISE SPECIFIED
DATE:	DRAWN BY:
03/13/00	Roy S.
REV. DATE:	FILE NAME:
07/31/09	3D 947-NT Feed Roll Bracket

NOTE:
MACHINING OF PART #947-NT MAY VARY
ACCORDING TO AGE OF MACHINE.
ITEM #13 IS ELIMINATED ON NEWER MACHINES.

BILL OF MATERIAL	
ITEM #	DESCRIPTION
1	947NT FEED ROLL BRACKET
2	204M FEED ROLL SPRING PUSHER MALE
3	292 FEED ROLL SPRING
4	294F FEED ROLL SPRING PUSHER FEMALE
5	SCREW HEX. HD. 3/8-16 x 3/4" LONG
6	SCREW HEX. HD. 5/16-18 x 1" LONG
7	331 P-NT SIDE PLATES FOR FEED ROLL BRACKET (947NT)
8	LOCK WASHER 3/8"
9	SCREW HEX. HD. GAP 3/8-16 X 2-1/4 LG.
10	FEED ROLL BUSHING
11	FEED ROLL BUSHING WITH FLAT (SPECIFY LEFT OR RIGHT)
12	347L FEED ROLL SPACER, LONG
13	347S FEED ROLL SPACER, SHORT
14	947P TENSION SPRING PLATE

OLD STYLE FEEDROLL BRACKET



BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	947NT	FEED ROLL BRACKET
2	294M	FEED ROLL SPRING PUSHER, MALE
3	292	FEED ROLL SPRING
4	294F	FEED ROLL SPRING PUSHER, FEMALE
5		SCREW HEX. HD. 3/8-16 x 3/4" LONG
6		SCREW HEX. HD. 5/16-18 x 1" LONG
7	331-P-NT	SIDE PLATES FOR FEED ROLL BRACKET (947NT)
8		3/8" LOCK & FLAT WASHERS
9		SCREW HEX. HD.CAP 3/8-16 X 2-1/4 LG.
10	347	FEED ROLL BUSHING
11	347-M	FEED ROLL BUSHING WITH FLAT (SPECIFY LEFT OR RIGHT)
12	347-L	FEED ROLL SPACER, LONG
13	347-S	FEED ROLL SPACER, SHORT
14	331-S	1/8" SPACER PLATE
15	947-P	TENSION SPRING PLATE



EDGEWATER MACHINE CO., INC

13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE:

Feed Roll Bracket Assembly - Old Type

SCALE:	TOLERANCE: (INCHES)	X.XX ±0.01
None	UNLESS OTHERWISE SPECIFIED	X.XXXX ±0.002
		ANGLE ±1°

DATE:	DRAWN BY:	PART #:
03/13/00	Roy S.	947-NT

REV. DATE:	FILE NAME:
07/31/09	3D 947-NT Feed Roll Bracket - C

FEEDROLL ASSEMBLY

Spur Gears in place of sprockets

12 Tooth Spur gears used on older machines without a chain drive and sprockets. These spur gears are for machines with 3 inch feed rollers.
 Spur Gear Part # - 346-3-12T
 Bore size of hole in spur gear must be specified. Either 1" bore or 1.125" bore.

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	308-16 x 2-1/4 HH	3/8-16 x 2-1/4" LONG, HEX HEAD CAP
2	3/8" Lock Washer	3/8" LOCK WASHER
3	3/8" Flat Washer	3/8" FLAT WASHER
4	331-P-NT	SIDE PLATES FOR FEEDROLL BRACKET(947NT)
5	947NT	FEED ROLL BRACKET
6	947-P	TENSION SPRING PLATE
7	330	TOP CARRIAGE CROSS BAR
8	347-M	FEEDROLL BUSHING WITH FLAT (SPECIFY LEFT OR RIGHT)
9	347	FEEDROLL BUSHING, LOWER BUSHING
10	345-3	FEEDROLL, specify model, serial number and length
11	344-JE	FEED ROLL JOURNAL END
12	266	SPROCKETS FOR CHAIN DRIVE
13	347-C	1-1/8" COLLAR
14	347-L	FEEDROLL SPACER
15	294M	FEEDROLL SPRING PUSHER, MALE
16	292	FEEDROLL SPRING
17	294F	FEEDROLL SPRING PUSHER, FEMALE
18	3/8-16 x 3/4 HH	SCREW HEX. HD. 3/8-16 x 3/4" LONG
19	5/16-18 x 1 HH	SCREW HEX. HD. 5/16-18 x 1" LONG
20	331-S	SPACER FOR SIDE PLATES OF FEEDROLL

FEEDROLL ASSEMBLY

Spur Gears in place of sprockets

12 Tooth Spur gears used on older machines without a chain drive and sprockets. These spur gears are for machines with 3 inch feed rollers.
 Spur Gear Part # - 346-3-12T
 Bore size of hole in spur gear must be specified. Either 1" bore or 1.125" bore.

EDGEWATER MACHINE CO., INC.

13-20 131st. STREET

COLLEGE POINT, NY 11356 U.S.A.

PHONE: 718-539-8200

FAX: 718-358-4648

DRAWING TITLE: FEEDROLL ASSEMBLY

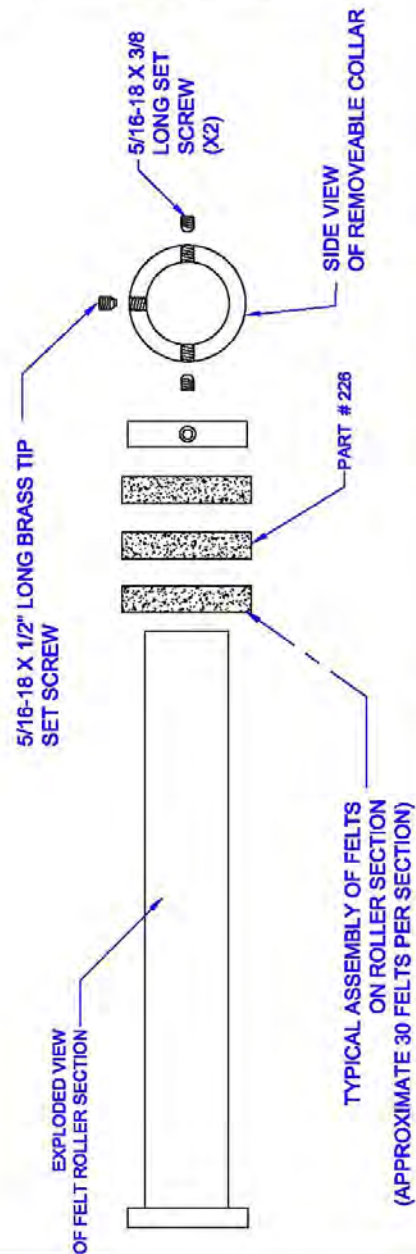
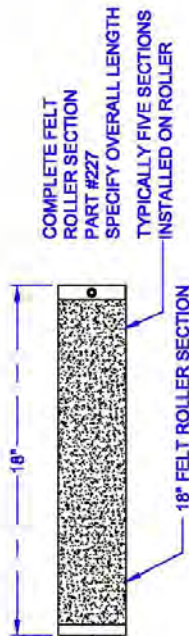
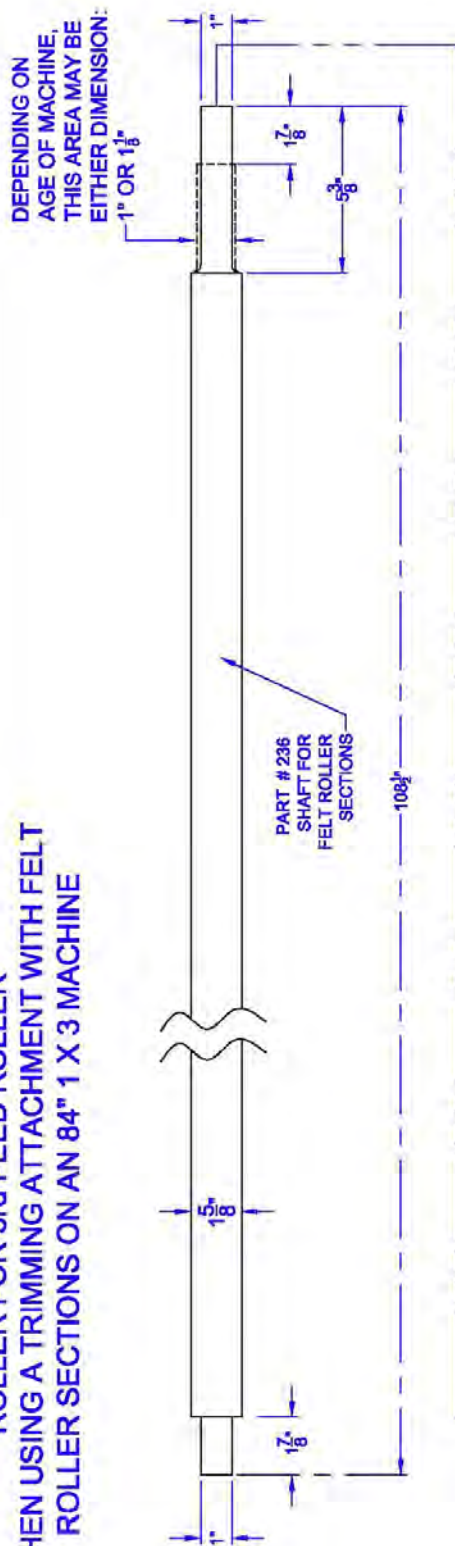
SCALE: TOLERANCE: .0001

DATE: 04/17/01

REV. DATE: 06/11/10

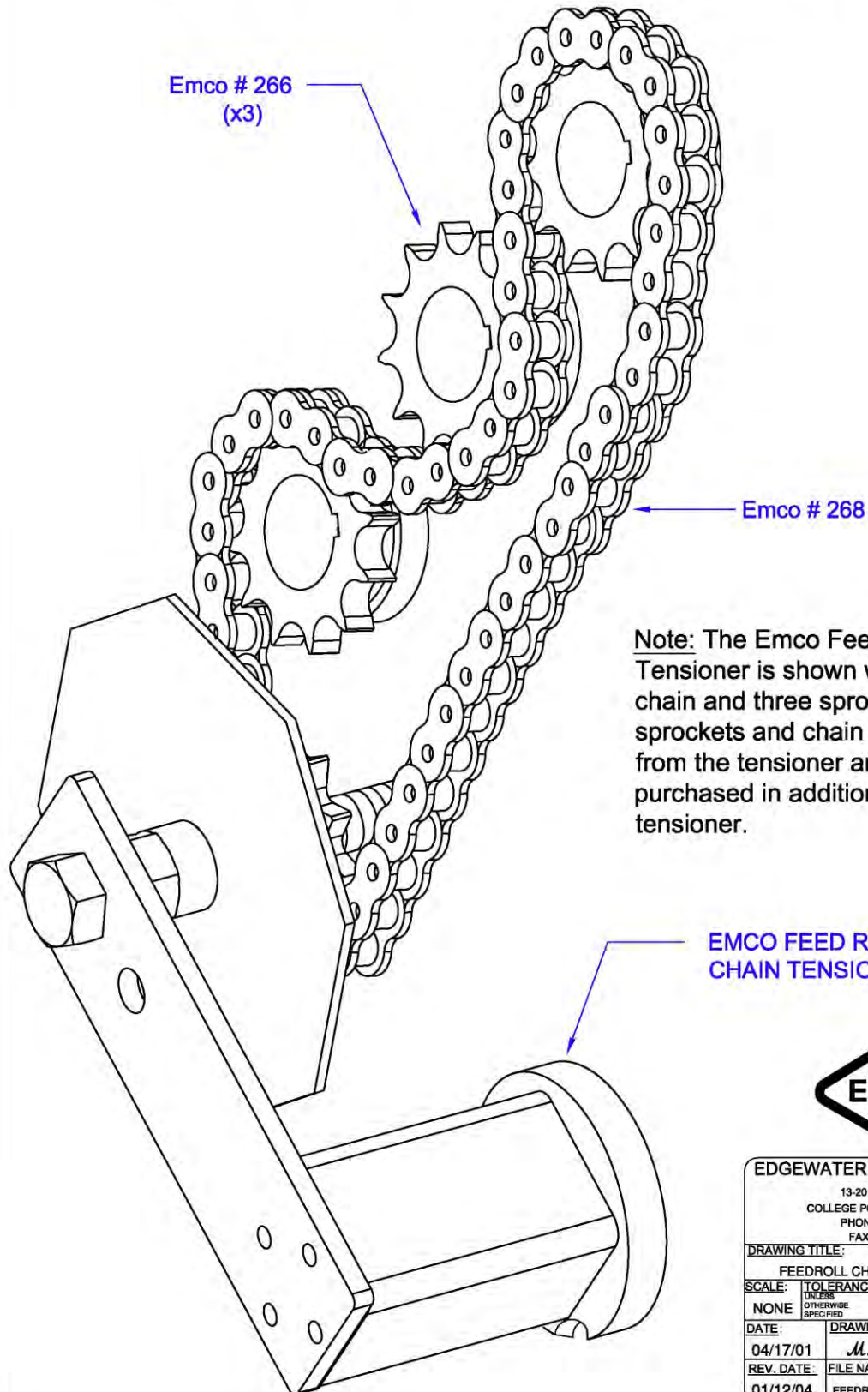
3D FEEDROLL ASSEMBLY

ROLLER FOR 3rd FEED ROLLER WHEN USING A TRIMMING ATTACHMENT WITH FELT ROLLER SECTIONS ON AN 84" 1 X 3 MACHINE



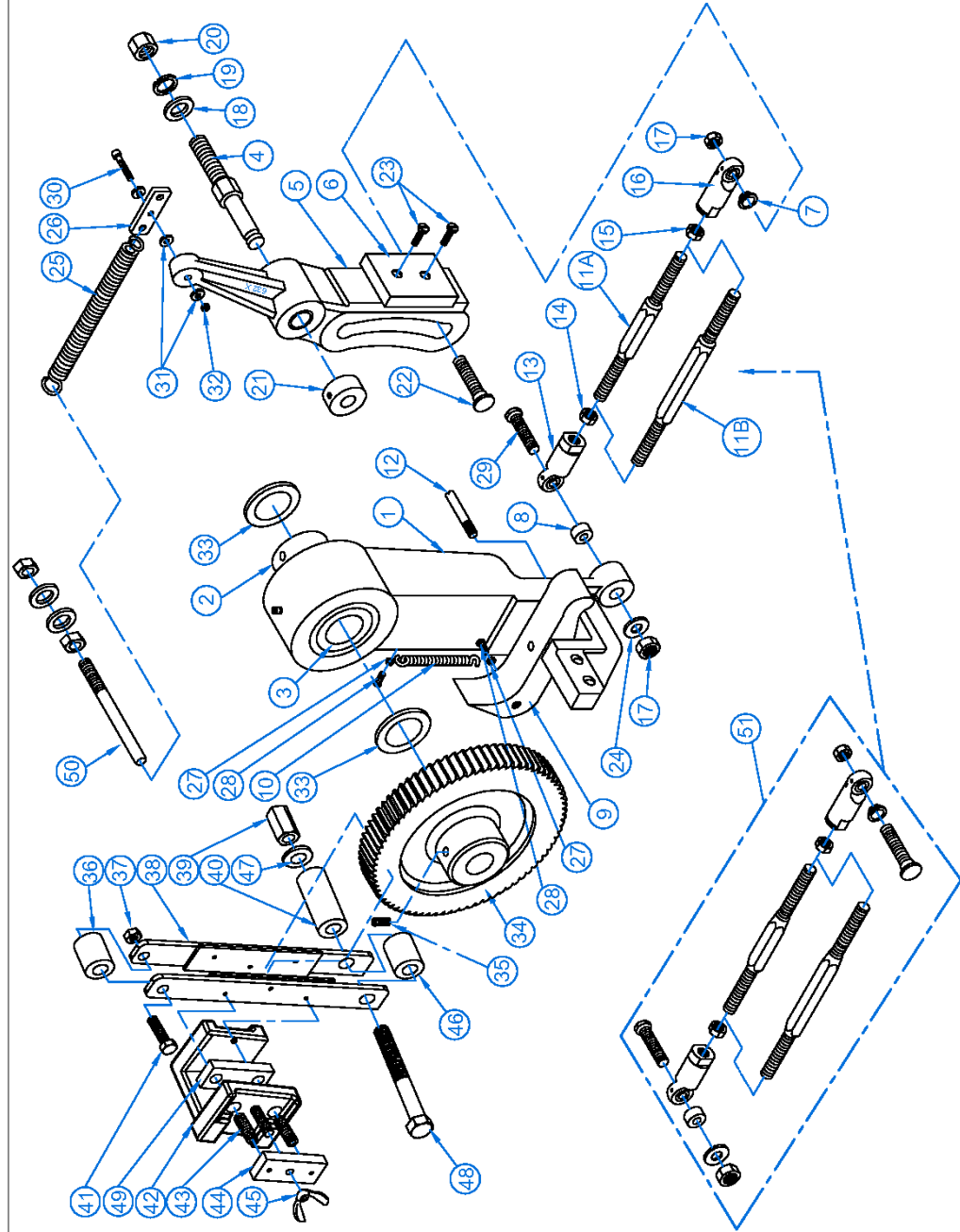
EDGEWATER MACHINE CO., INC.			
13-20 131st. STREET COLLEGE POINT, NY 11358 U.S.A. PHONE: 718-539-8200 FAX: 718-358-4648			
DRAWING TITLE: Felt Roller Section			
SCALE: NONE	TOLERANCE: (INCHES) X.XX ±0.01 UNLESS OTHERWISE SPECIFIED	ANGLE ±1°	CHECKED BY:
DATE: 08/30/99	DRAWN BY: M.M.P.	FILE NAME:	Rev. Date: 08/30/99
			Felt Roller Section (227)

EMCO FEEDROLL CHAIN TENSIONER # 269



EDGEWATER MACHINE CO., INC.			
13-20 131st. STREET			
COLLEGE POINT, NY 11356 U.S.A.			
PHONE: 718-539-8200			
FAX: 718-358-4648			
DRAWING TITLE:			
FEEDROLL CHAIN TENSIONER #269			
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
NONE	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.005
DATE:	DRAWN BY:	PART #:	
04/17/01	M.M.P.	269	
REV. DATE:	FILE NAME:		
01/12/04	FEEDROLL CHAIN TENSIONER #269		

BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	BB408	RATCHET DRIVE LEVER
2	BB408-I	INNER BEARING
3	BB408-O	OUTER BEARING
4	632-S	STUD
5	632-X	BARREL CAM RATCHET DRIVE LEVER
6	632-P	TEFLON PAD
7	638-SW	SPACER WASHER WITH SHOULDER
8	638	SPACER
9	737NT	RATCHET PAWL
10	327-SP	RATCHET PAWL SPRING
11A	834-C-4.75	CONNECTING ROD, FOR 1x3, 4-3/4" LONG
11B	834-C-7	CONNECTING ROD, FOR 1x3x6, 7" LONG
12	327S	RATCHET PAWL STUD
13	835-RH	R.H. LINK
14	318-24 R.H. NUT	
15	837-LH	3/8-24 L.H. NUT
16	836-LH	L.H. LINK
17	838-N	3/8-16 NUT
18	632-W	1/2 FLAT WASHER
19	632-LW	1/2 LOCK WASHER
20	632-N	1/2-13 NUT
21	632-C	5/8" COLLAR
22	838-B	3/8-16 CARRIAGE BOLT X 1-1/2" LONG
23	632-PS	PAD SCREWS, 10-32 X 3/4" SLOTTED HEAD
24	838-W	3/8 FLAT WASHER
25	449	RATCHET RETURN SPRING
26	448L	LINK
27		NUT, 10-32
28		SCREW, 10-32 X 5/8" LONG
29	3/8-16x2HHG	SCREW, HEX HD. CAP 3/8-16 X 2" LONG
30		SCREW, 10-32 X 1-1/4" LONG
31		WASHER, # 10
32		NUT, 10-32
33		SHIM SPACER .015" THK. X 1" I.D.
34	342-XX	RATCHET (SPECIFY # OF TEETH)
35		SET SCREW 1/2-13 X 5/8" LONG
		KNURLED CUP POINT
36	570-TS	SPACER 1-5/16" LONG, TOP
37		NUT, 5/16-18
38	570-NT	RATCHET BRAKES - PAIR
39	570-SHN	1/2-13 SPECIAL HEX NUT
40	570-SO	SPACER 2-1/4" LONG, (STAND OFF)
41		SCREW, 5/16-18 X 2" LONG HEX. HD. CAP
42		RATCHET BRAKE CLAMP
43	571	SPRING (X2)
44	571-OP	OUTER PLATE
45	571-WN	3/8-16 WING NUT
46	570-RS	SPACER 1-5/16" LONG, BOTTOM
47		1/2" FLAT WASHER
48		1/2-13 X 5-1/2" HEX. HD. CAP
49	571-IP	INNER PLATE
50	569S or 450	BRAKE SUPPORT STUD or SPRING SUPPORT
51	834-NT-1x3 or 834-NT-1x3x6	CONNECTING ROD ASSEMBLY FOR 1x3 MACHINE CONNECTING ROD ASSEMBLY FOR 1x3x6 MACH.





EDGEWATER MACHINE CO., INC.

13-20 131st. STREET

COLLEGE POINT, NY 11356 U.S.A.

PHONE: 718-539-8200

FAX: 718-358-4648

DRAWING TITLE:

RATCHET DRIVE ASSEMBLY

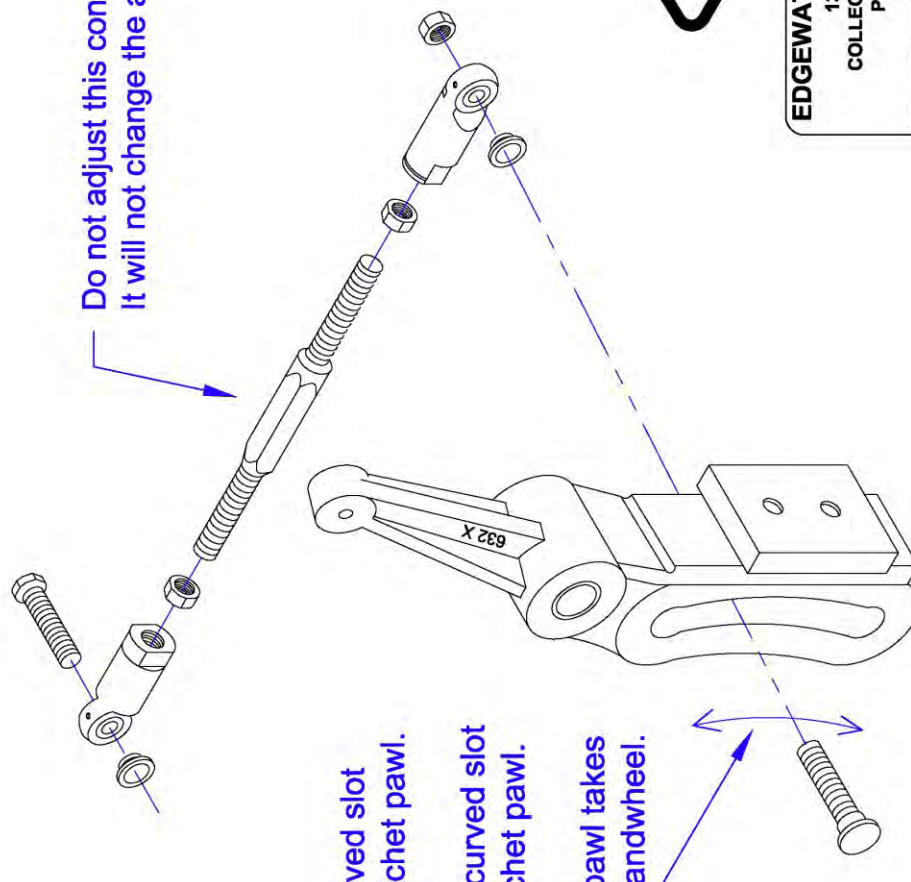
SCALE: TOLERANCE: (INCHES) X.XX ±0.01
UNLESS OTHERWISE SPECIFIED X.XXX ±0.005
NONE ANGLE ±1°

DATE: 03/24/99

DRAWN BY: M.M.P.

REV. DATE: 03/06/14

FILE NAME: 3D RATCHET DRIVE LEVER ASSY



Do not adjust this connecting rod.
It will not change the amount of stroke.

Moving the bolt upward in the curved slot
will decrease the stroke of the ratchet pawl.

Moving the bolt downward in the curved slot
will increase the stroke of the ratchet pawl.

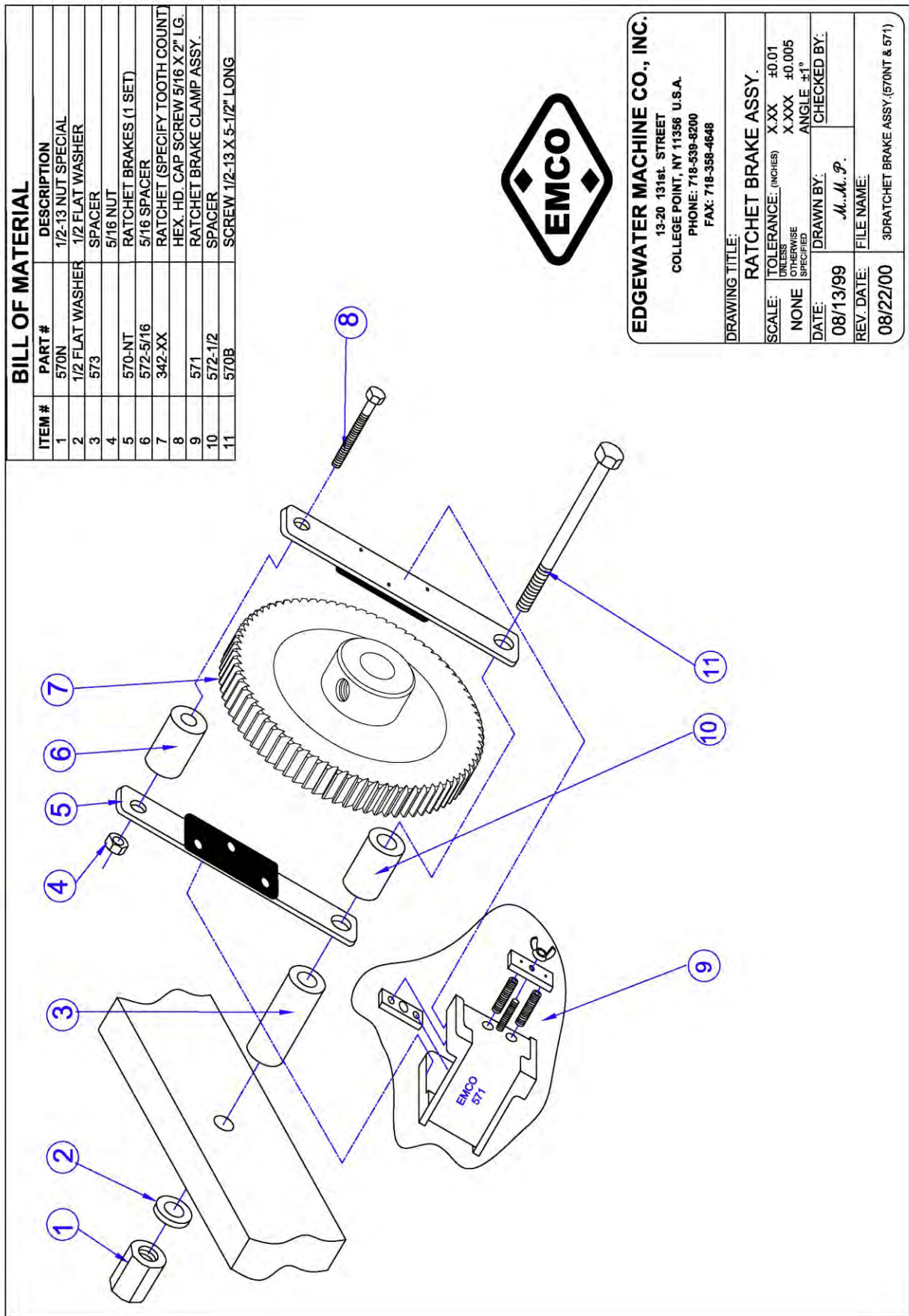
Adjust stroke so that the ratchet pawl takes
1.1/2 teeth per revolution of the handwheel.

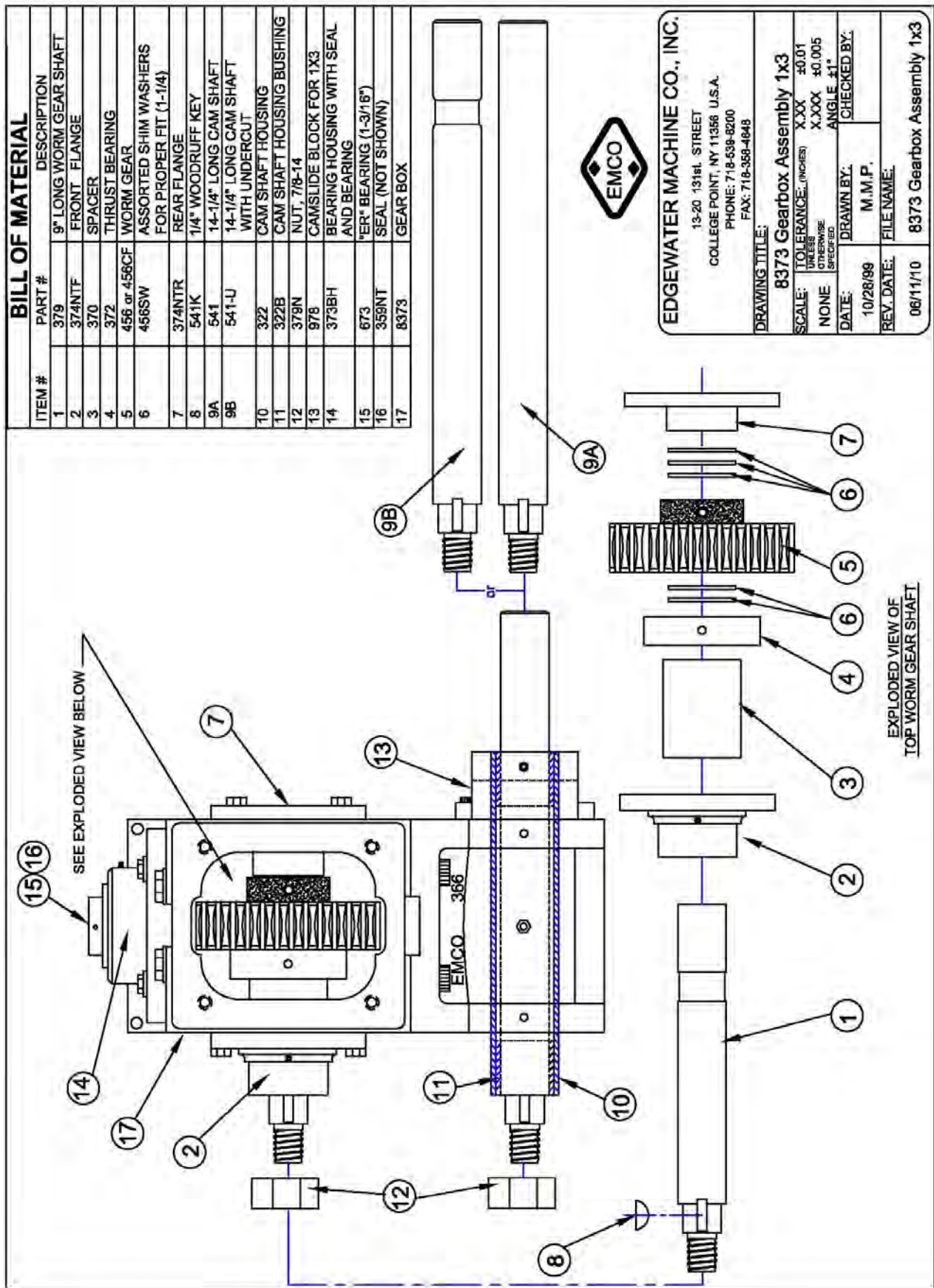


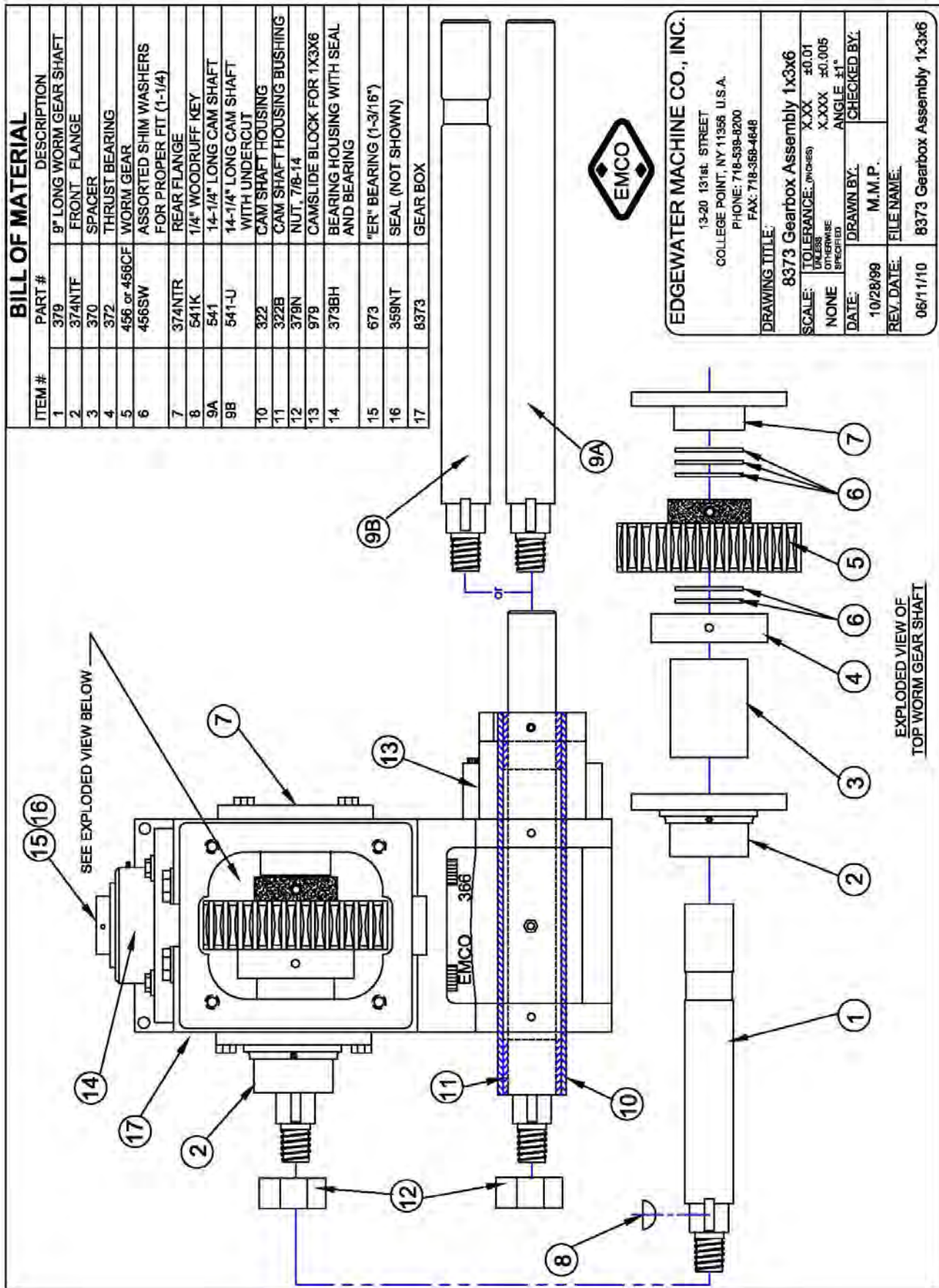
EDGEWATER MACHINE CO., INC.
13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648

DRAWING TITLE:			
Adjusting the Ratchet Pawl Stroke			
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
None	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.002
DATE:	DRAWN BY:	PART #:	ANGLE: ±1°
11/01/04	Roy S.	632X Lever	
REV. DATE:	FILE NAME:		
11/01/04	Adjusting the Ratchet Pawl Stroke		

Aug 31 2005 - 8:18 am

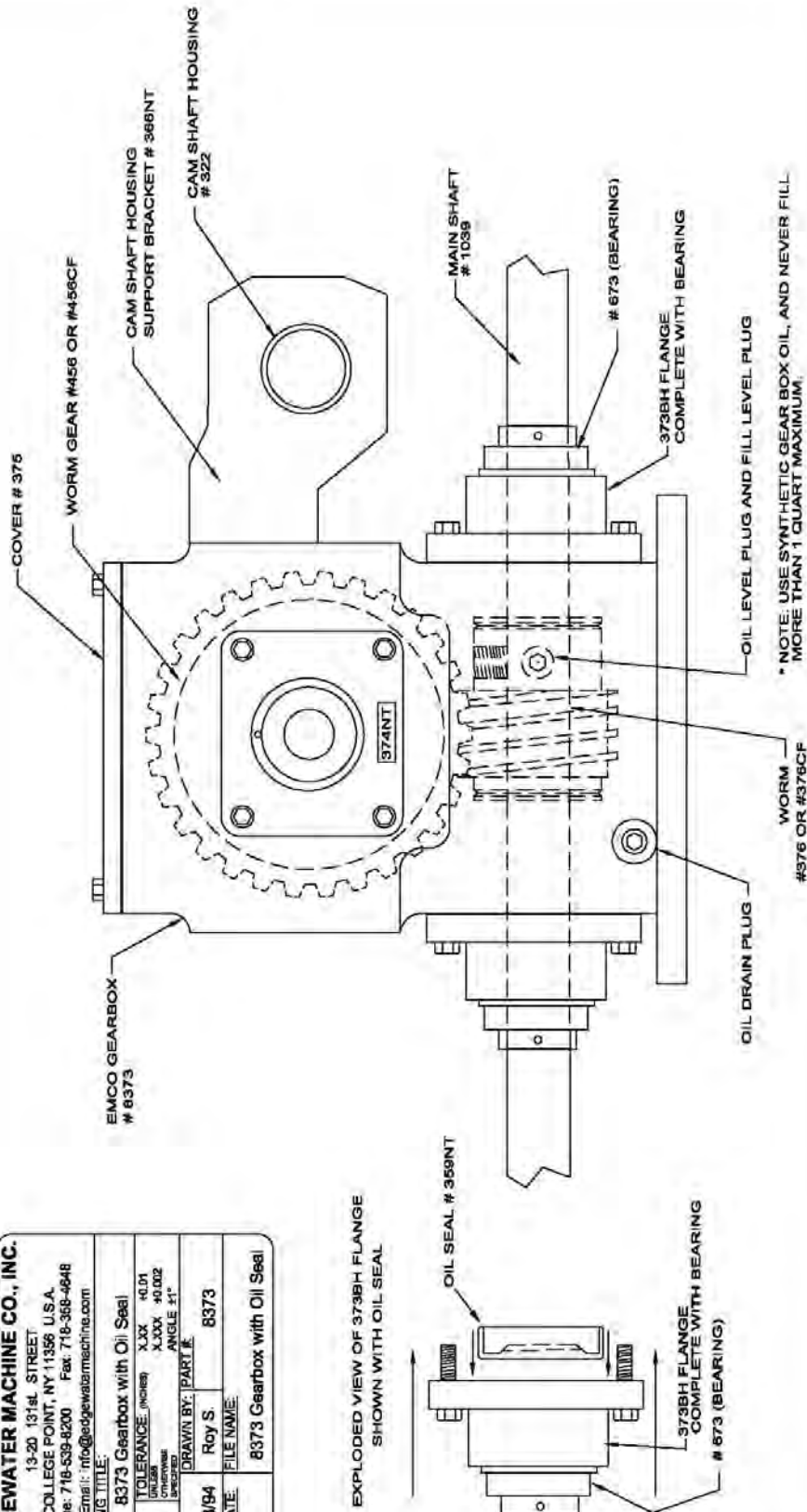




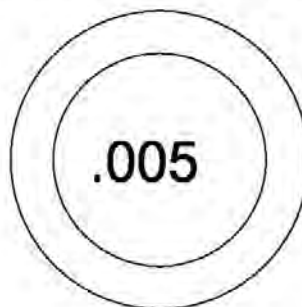
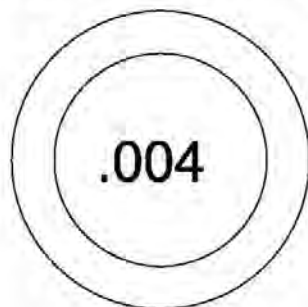




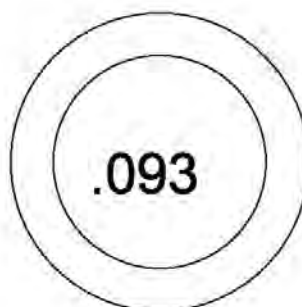
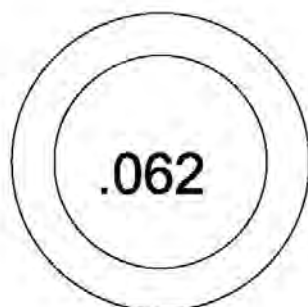
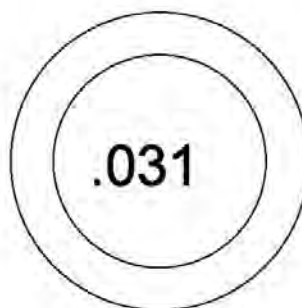
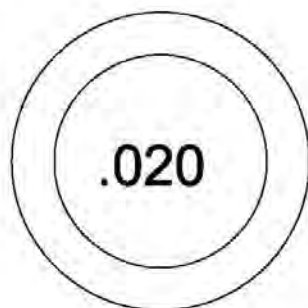
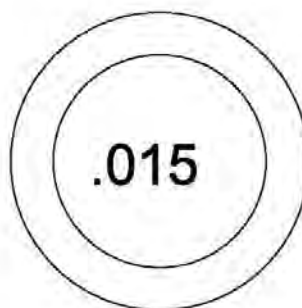
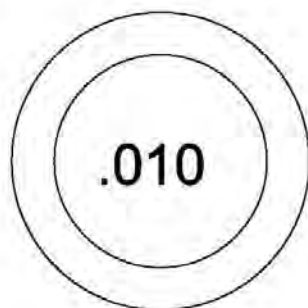
EDGEWATER MACHINE CO., INC.			
13-20 131st STREET COLLEGE POINT, NY 11358 U.S.A. Phone: 718-539-8200 Fax: 718-368-4848 Email: info@edgewatermachine.com			
DRAWING TITLE: 8373 Gearbox with Oil Seal			
SCALE:	TOLERANCE:	UNIT:	ANGLE:
None	AS SHOWN	INCHES	45°
DATE: 01/18/94 REV. DATE:			
DRAWN BY: Roy S.		FILE NAME: 8373 Gearbox with Oil Seal	



ASSORTED SHIM WASHER KIT, (2 EACH) FOR WORM GEAR SHAFT IN THE EMCO GEAR BOX.



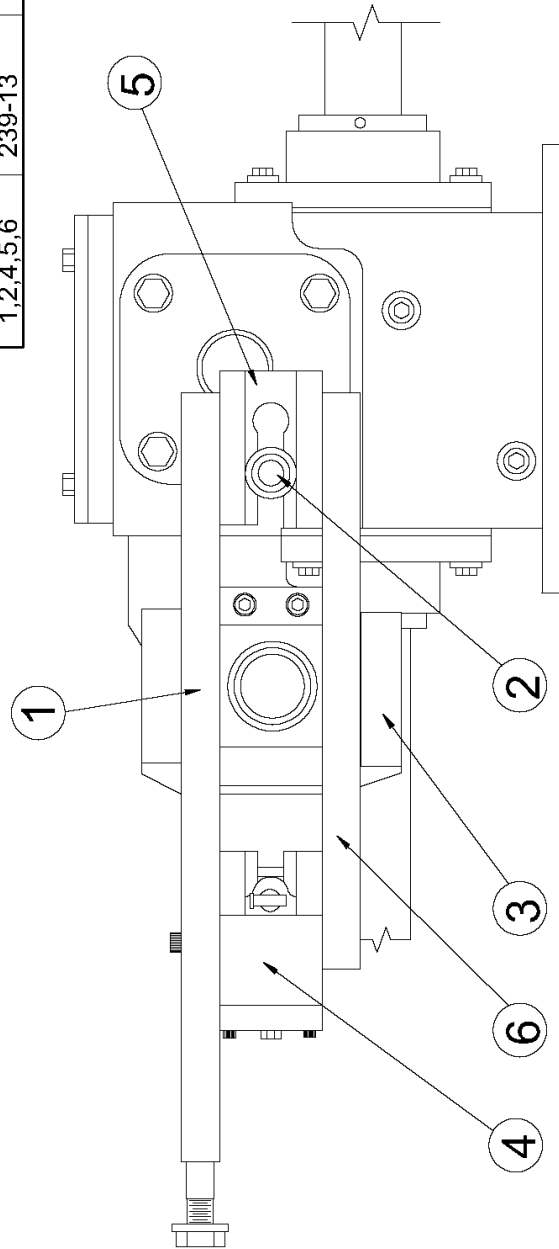
When ordering shim washers, order # 456SW. This kit comes with two each of the shim washers shown. Use the appropriate washers to align worm gear in gear box.



EDGEWATER MACHINE CO., INC.			
13-20 131st. STREET			
COLLEGE POINT, NY 11358 U.S.A.			
PHONE: 718-588-8200			
FAX: 718-588-4848			
DRAWING TITLE:			
Shim Washer Kit for Gear Box			
SCALE:	TOLERANCE: (unless specified)	XXX	±0.01
None	OTHERWISE SPECIFIED	X.XXX	±0.002
DATE:	DRAWN BY:	PART #:	ANGLE ±1°
04/15/04	Roy S.	456SW	
REV. DATE:	FILE NAME:	Shim Washers - 456SW	

BILL OF MATERIAL		
ITEM #	PART #	DESCRIPTION
1	242-13	UPPER CAM SLIDE BAR
2	329	CAM ROLLER STUD COMPLETE
3	978	CAM SLIDE SUPPORT BLOCK
4	251-U	PRETENSIONER BLOCK COMPL.
5	240-RH	R.H. CAM SLIDE BLOCK
6	243-13	LOWER CAM SLIDE BAR
1,2,4,5,6	239-13	COMPLETE CAM SLIDE ASSEMBLY

REAR VIEW OF 1X3 MACHINE'S GEARBOX AND CAM SLIDE



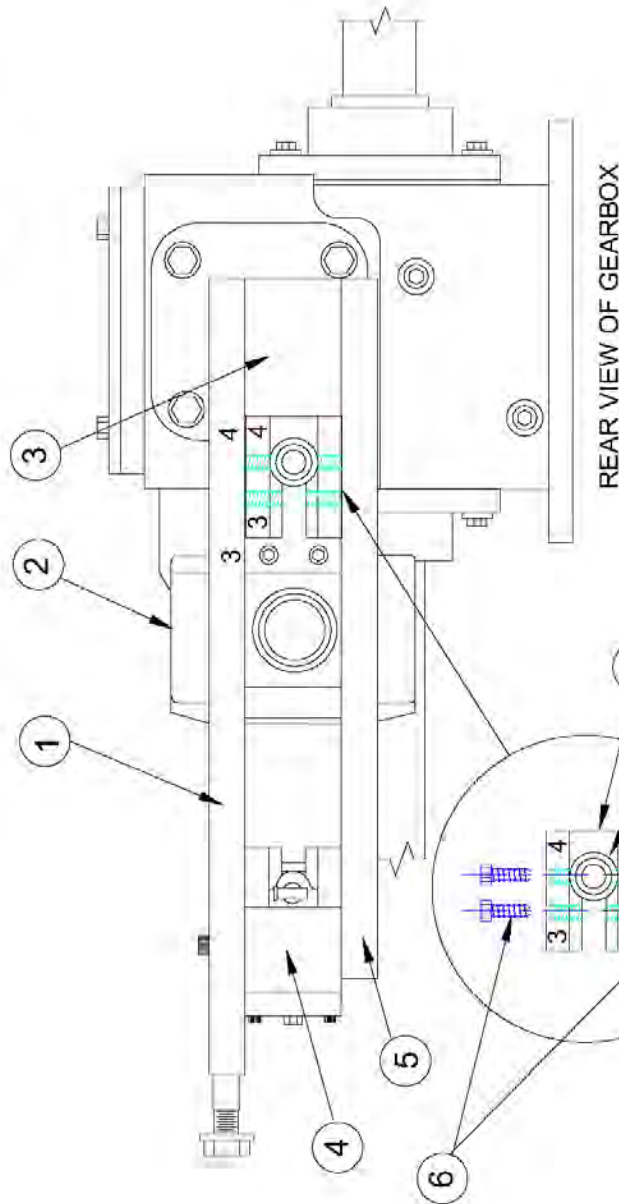
EDGEWATER MACHINE CO., INC.
13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200 FAX: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE:		239-13 Cam Slide Assy 1x3	
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
NONE	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.005
DATE:	11/02/99	ANGLE	±1°
DRAWN BY:	Roy S.	PART #:	239-13
REV. DATE:	09/14/12	FILE NAME:	239-13 Cam Slide Assy 1x3

REAR VIEW OF 1x3x4 MACHINE'S GEARBOX AND CAM SLIDE

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	242-134	UPPER CAM SLIDE BAR
2	978	CAM SLIDE SUPPORT BLOCK
3	240-FB	FILLER BLOCK
4	251-U	PRETENSIONER BLOCK COMPLETE
5	243	LOWER CAM SLIDE BAR
6	5/16-18 x 1" SHC	5/16-18 SOCKET HEAD CAP SCREW X 1" LONG
7	240-RB	ADJUSTABLE CAM SLIDE ROLLER BLOCK
8	329	CAM ROLLER STUD COMPLETE
1,3,4,5,6,7,8	239-134	COMPLETE CAM SLIDE ASSEMBLY



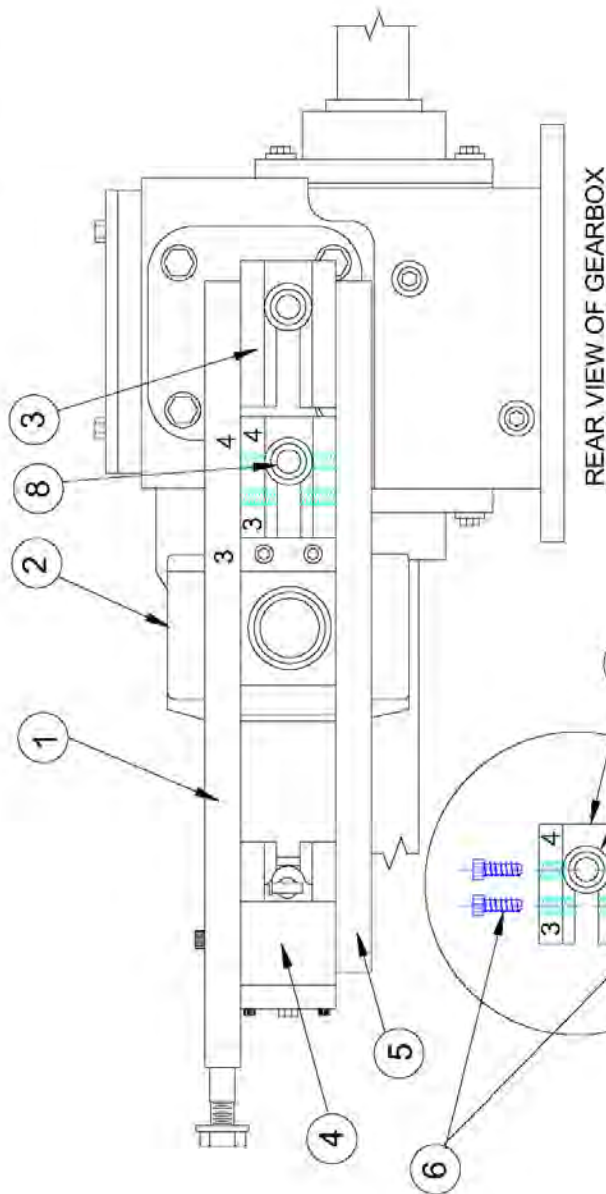
EDGEWATER MACHINE CO., INC.
13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE:	239-134 Cam Slide Assy 1x3x4
SCALE:	TOLERANCE: .0001 NONE DATE: 04/24/01 REV. DATE: 03/17/12
DRAWN BY:	Roy S.
FILE NAME:	239-134
	239-134 Cam Slide Assy 1x3x4

REAR VIEW OF 1X3X6 MACHINE'S GEARBOX AND CAM SLIDE

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	242-136	UPPER CAM SLIDE BAR
2	979	EXTENDED CAM SLIDE SUPPORT BLOCK
3	240-RH	CAM ROLL BLOCK FOR 12" REPEAT CAM'S
4	251-U	PRETENSIONER BLOCK COMPLETE
5	243	LOWER CAM SLIDE BAR
6	5/16-18 x 1" SHC	5/16-18 SOCKET HEAD CAP SCREW X 1" LONG
7	240-RB	REMOVEABLE CAM SLIDE ROLLER BLOCK
8	329	CAM ROLLER STUD COMPLETE
1,3,4,5,6,7,8	239-136	COMPLETE CAM SLIDE ASSEMBLY



EDGEWATER MACHINE CO., INC.
13-20 131st STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE:

239-136 Cam Slide Assy 1x3x6
SCALE: 1"=1'-0"
TOLERANCE: .0005
DATE: 04/24/01
REV. DATE: 06/14/02
DRAWN BY: Roy S.
FILE NAME: 239-136
239-136 Cam Slide Assy 1x3x6

REMOVEABLE BLOCK, INSTALL BLOCK FOR
SMALL CAMS

REAR VIEW OF GEARBOX

ITEM #	PART #	DESCRIPTION
1	242-136NT	UPPER CAM SLIDE BAR
2	979	EXTENDED CAM SLIDE SUPPORT BLOCK
3	240-RH	CAM ROLLER BLOCK
4	251-U	PRETENSIONER BLOCK COMPLETE
5	243-136	LOWER CAM SLIDE BAR
6	5/16"-18 x 1" SHC	5/16" -18 SOCKET HEAD CAP SCREW X 1" LONG
7	240-RB	REMOVEABLE CAM SLIDE ROLLER BLOCK
8	240-A	CARRIAGE ATTACHMENT BLOCK
9	805-L	LEFT HAND LINK
10	805-R	RIGHT HAND LINK
11	240-B	THREADED ADJUSTMENT BLOCK
12	240-C	SPINDLE CAP
13	240-D	THREADED SPINDLE
14	240-G	STEP ADJUSTMENT BLOCK
15	240-H	CONNECTING ARM (SPECIFY LENGTH)
16	240-I	CAM SLIDE ATTACHMENT BLOCK
17	805-C	CONNECTING ROD WITH NUTS (SPECIFY LENGTH)
18	240-F	UPRIGHT SWING POST
19	329	CAM ROLLER STUD COMPLETE
20	240-E	1"-14 R.H. JAM NUT

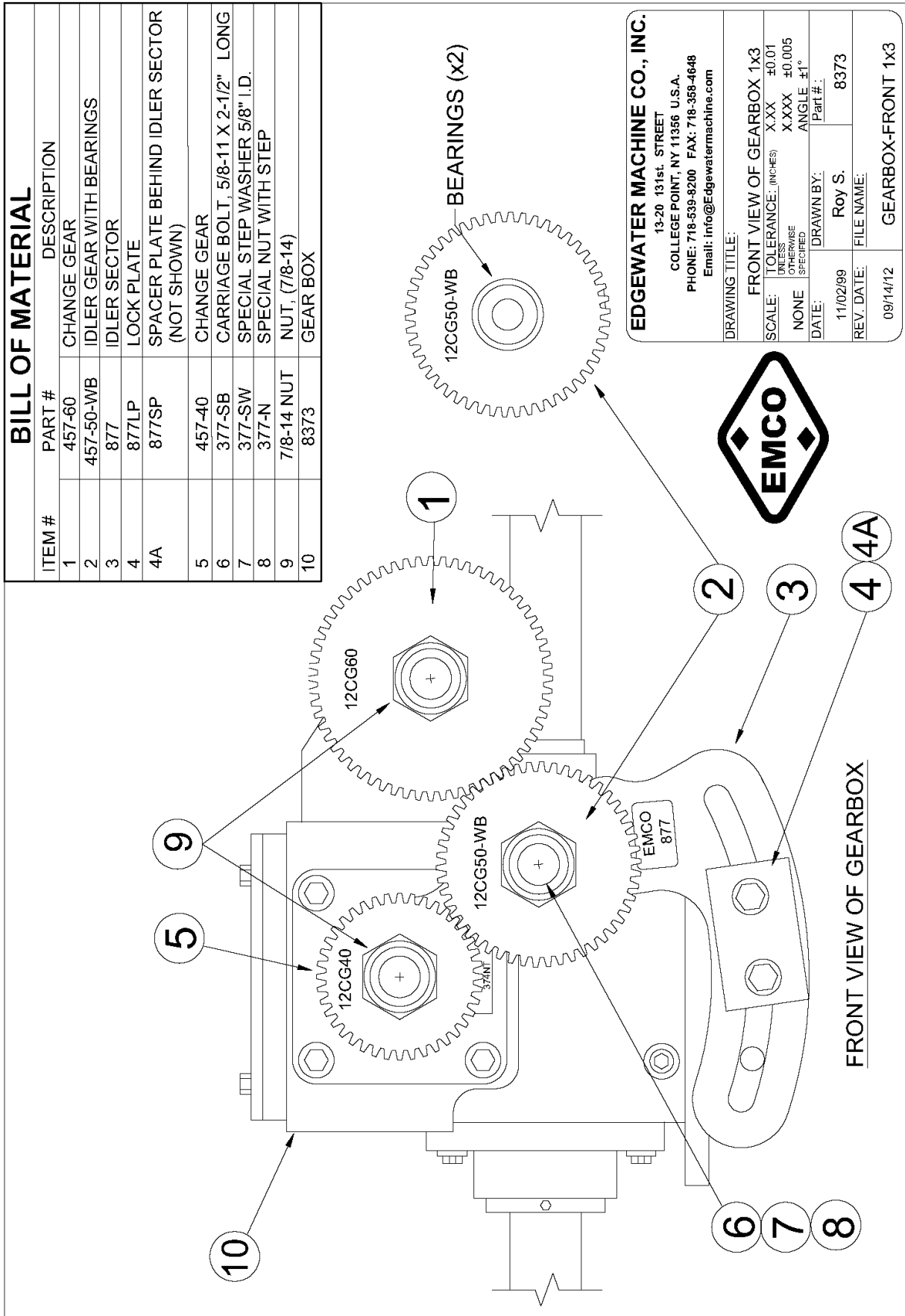
REAR VIEW OF GEARBOX

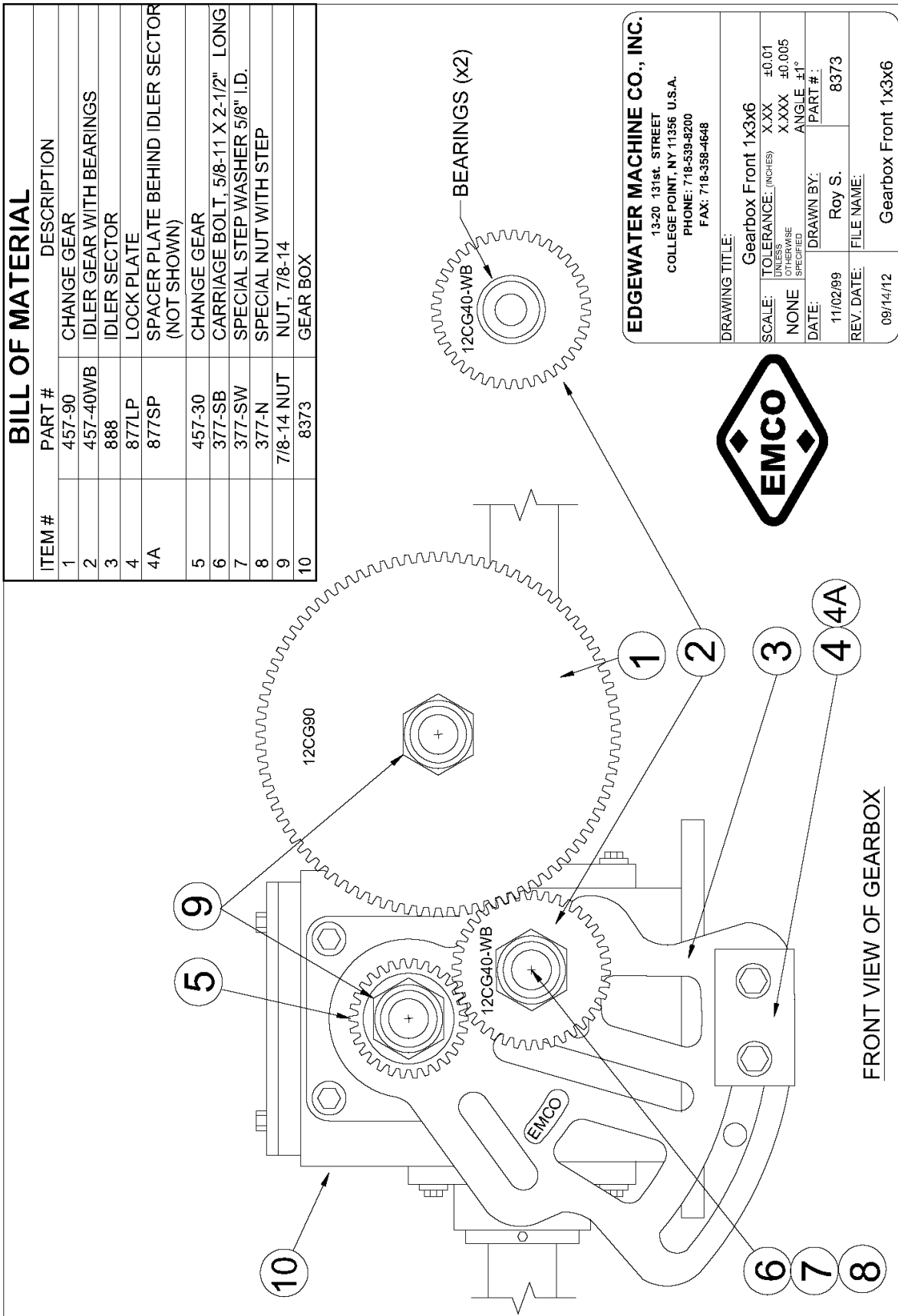
REMOVABLE BLOCK, INSTALL BLOCK FOR
SMALL CAMS

EDGEWATER MACHINE CO., INC.
13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648
Email: info@edgewatermachine.com

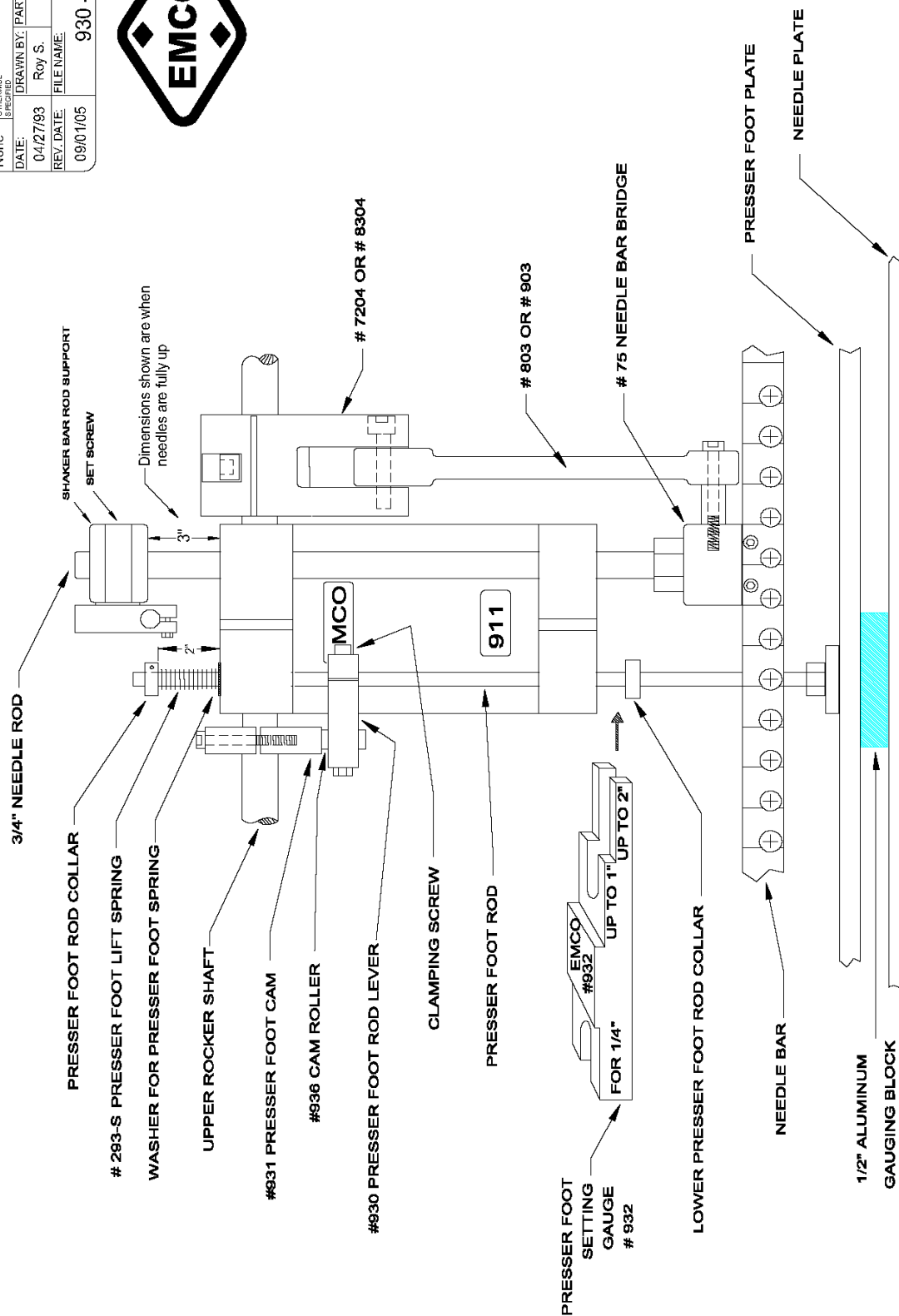
DRAWING TITLE:

DRAWING TITLE:		240-136 CAM T-ROW ADJUSTER	
SCALE:	TOLERANCE:	TOLERANCE (INCHES):	X.XXX ±0.01
NONE	0TH SURFACE	0TH SURFACE	X.XXX ±0.005
DATE:	5-SEC FREQ	ANGLE ±1°	
REV. DATE:	04/24/01	DRAWN BY:	ROY S.
		FILE NAME:	240-136
			240-CAM T-ROW ADJUSTER



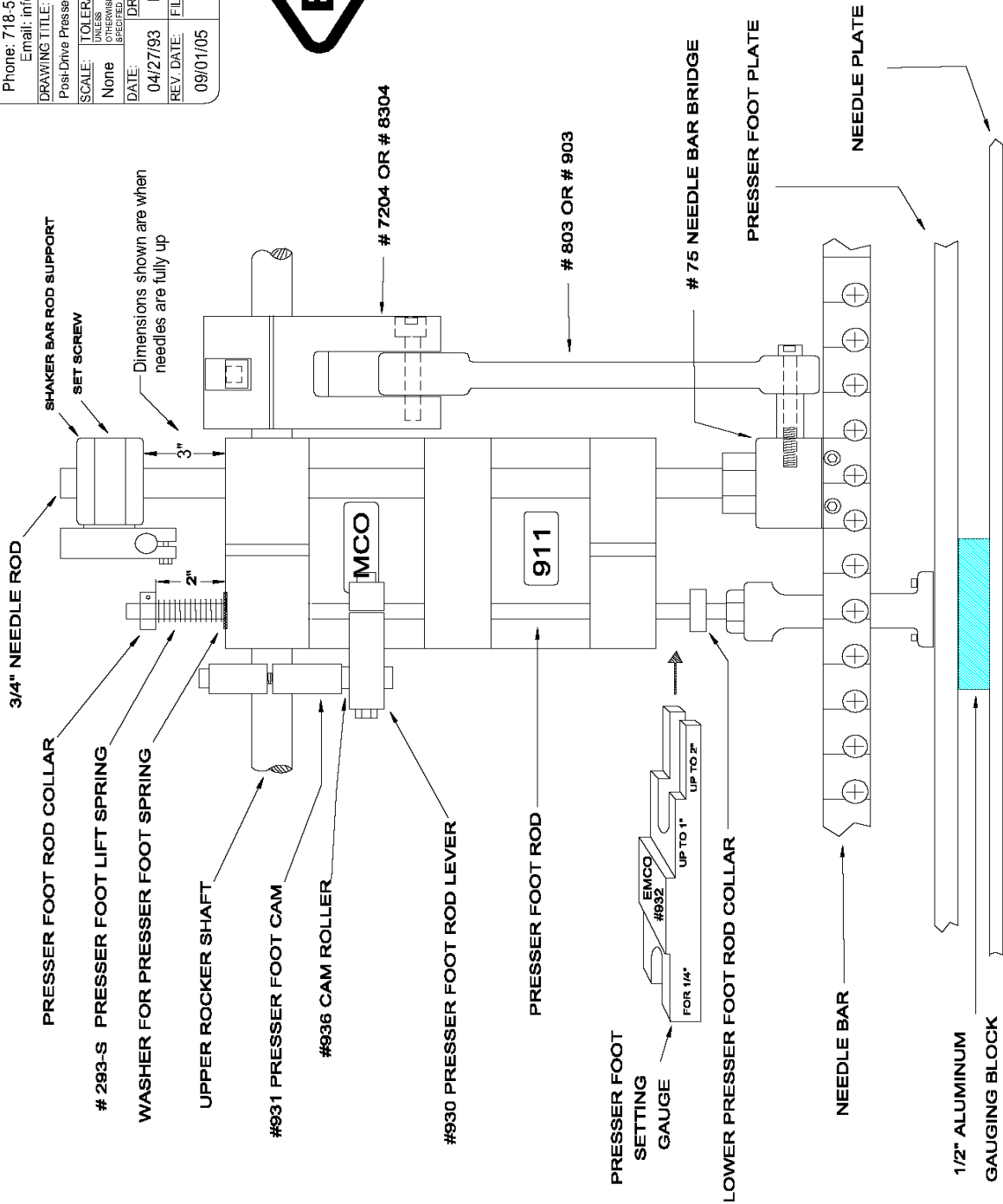


EDGEWATER MACHINE CO., INC. 13-20 131st Street College Point, NY 11356 U.S.A. Phone: 718-539-4200 Fax: 718-368-4648 Email: info@edgewatermachine.com	
DRAWING TITLE:	
Pus-Drive Presser Foot for the Emco 1x3 machine	
SCALE:	X XX .001 1/8 (INCH) X XXX 1/16 (INCH) OTHERS SPECIFIED
DATE:	DRAWN BY: PART #: 04/27/93 930-1x3
REV. DATE:	FILE NAME:
09/01/05	930-1x3



FOR THE EMCO 1X3X6 LOCKSTITCH MACHINES

EDGEWATER MACHINE CO., INC. 13-20 131st Street College Point, NY 11356 U.S.A. Phone: 718-539-8200 Fax: 718-358-4648 Email: info@edgewatmachine.com	
DRAWING TITLE: Post-Drive Presser Foot for the Emco 1x3x6 machine	
SCALE: None	TOLERANCE: (INCHES) XXX ±0.01 UNLESS OTHERWISE SPECIFIED XXX ±0.002 ANGLE ±1°
DATE: 04/27/93	DRAWN BY: PART # Roy S. 930-1X3X6
REV. DATE: 09/01/05	FILE NAME: 930 - 1X3X6

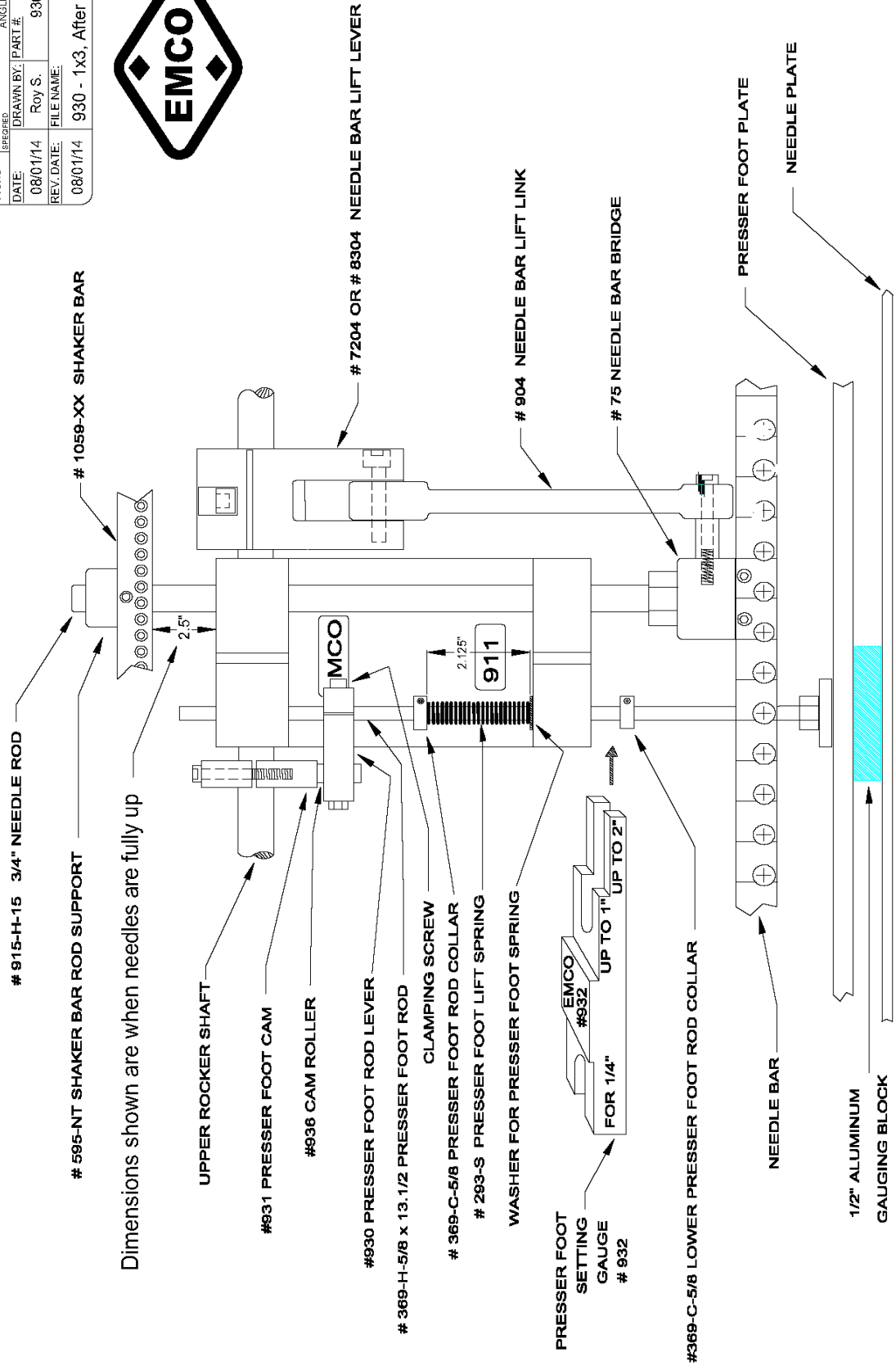


FOR THE EMCO 1X3 LOCKSTITCH MACHINES BUILT AFTER JULY 2014

EDGEWATER MACHINE CO., INC.

13-20 131st Street
College Point, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648
Email: info@edgewatermachine.com

DRAWING TITLE:		Post-Drive Presser Foot for the Emco 1x3 machine	
SCALE:	TOLERANCE: (INCHES)	X XX	±0.01
Note	UNLESS SPECIFIED	X XXX	±0.002
DATE:	DRAWN BY: PART #:	930-1x3	
REV. DATE:	FILE NAME:	930 - 1x3, After 07-2014	

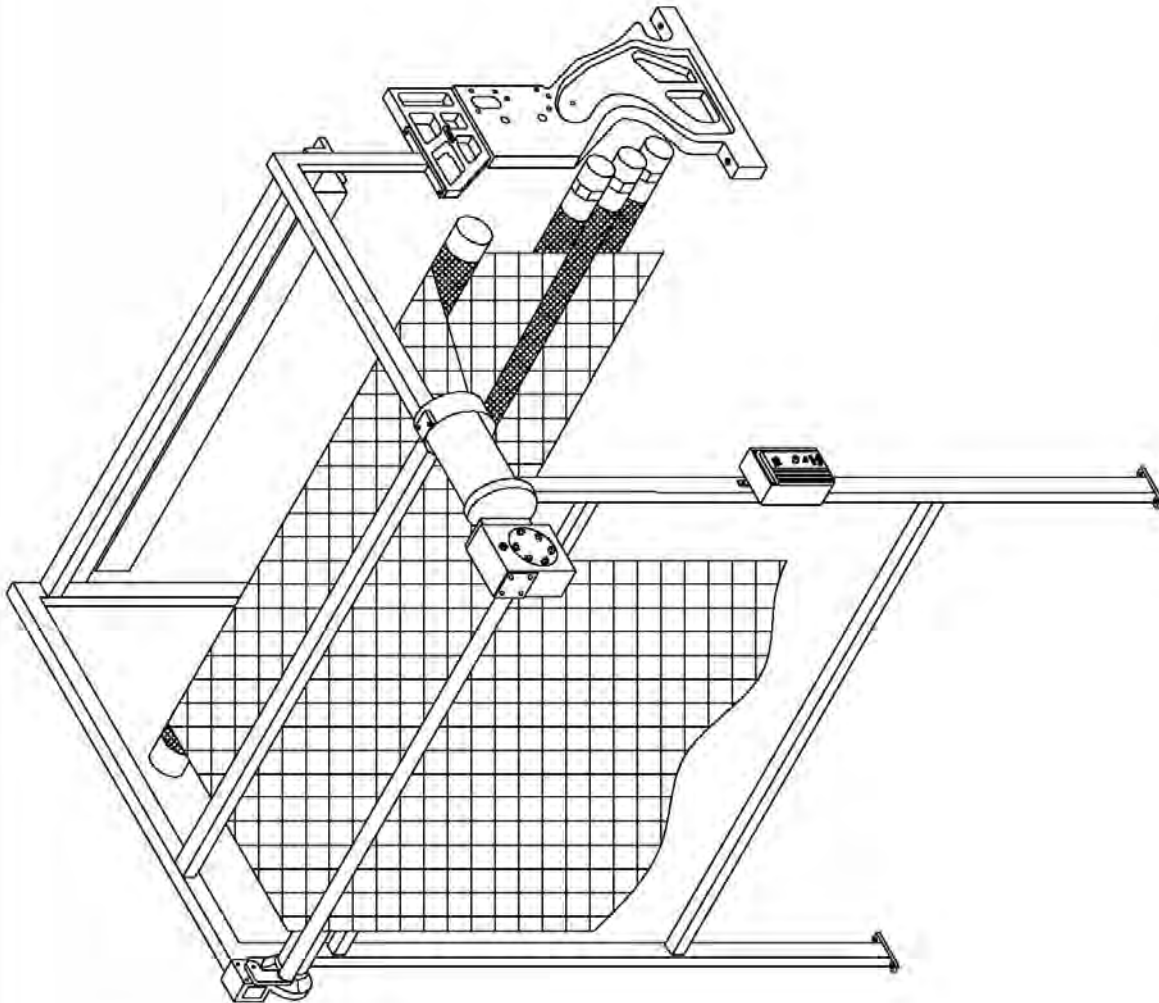


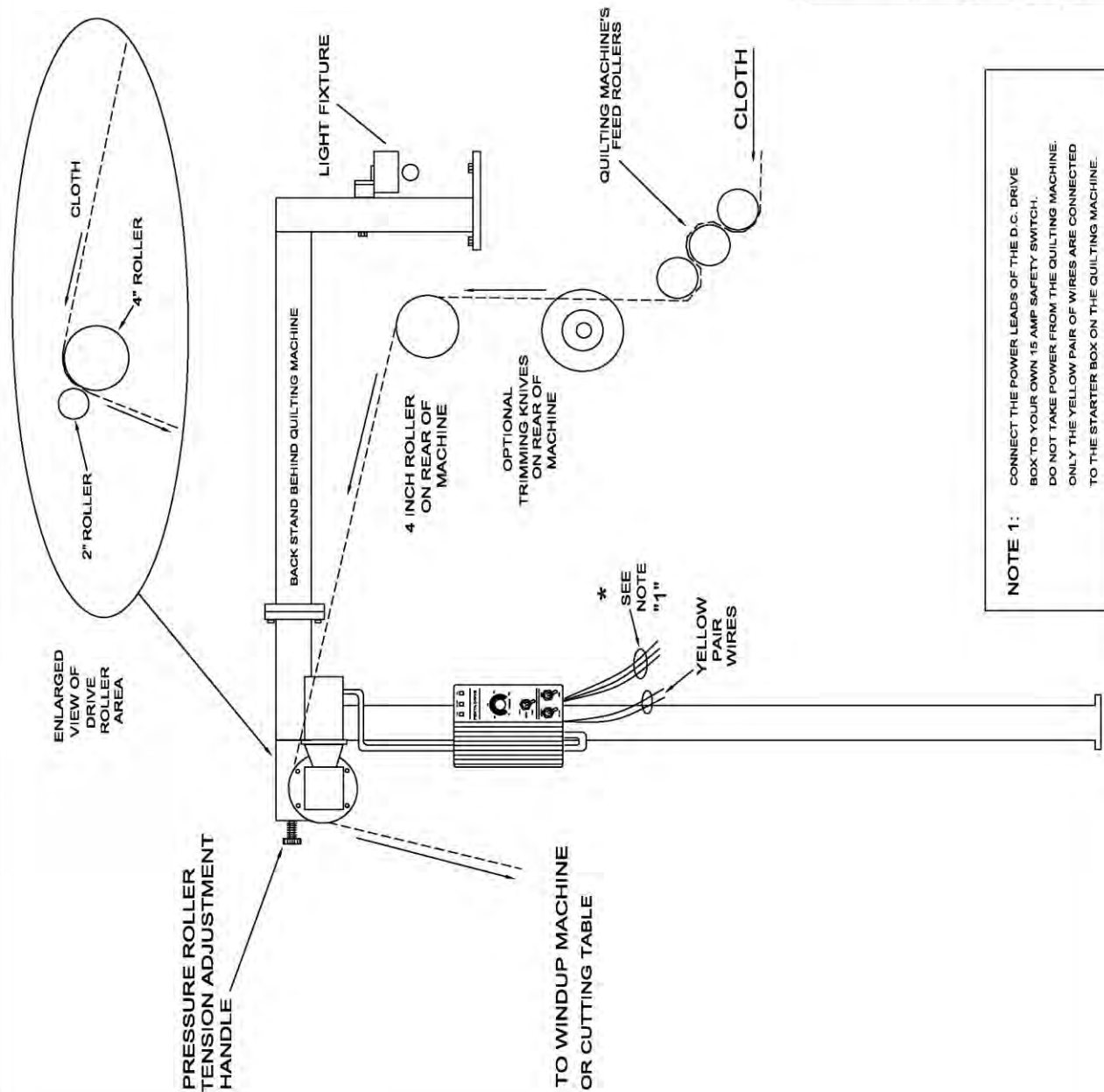
MOTORIZED BACK STAND FOR 1 X 3 X 6 MACHINES



EDGEWATER MACHINE CO., INC.
13-20 131st. STREET
COLLEGE POINT, NY 11358 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648

DRAWING TITLE:		Motorized Back Stand for 1x3x6 Machines	
SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
NONE	UNLESS OTHERWISE SPECIFIED	X.XXX	±0.005
DATE:	DRAWN BY:	ANGLE	CHECKED BY:
08/30/99	M.M.P.		
REV. DATE:	FILE NAME:		
01/14/00	3D Motorized Back Stand		





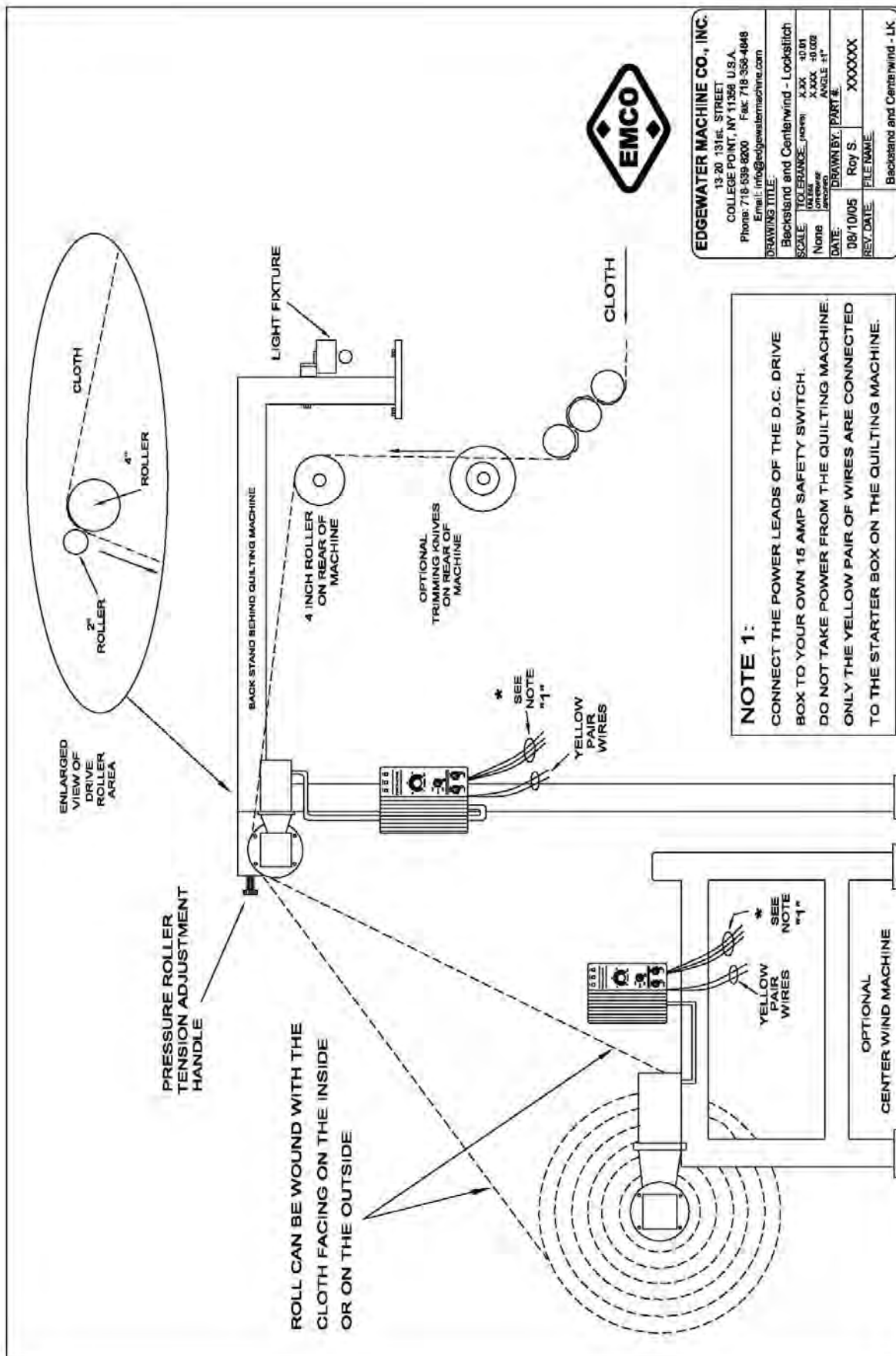
EDGEWATER MACHINE CO., INC.
 13-20 131st. STREET
 COLLEGE POINT, NY 11356 U.S.A.
 PHONE: 718-539-8200
 FAX: 718-358-4648

DRAWING TITLE: BACKSTAND FOR 1X3X6

SCALE:	TOLERANCE: (INCHES)	X XX ±0.01
None	UNLESS OTHERWISE SPECIFIED	X XXX ±0.002
DATE:	DRAWN BY:	CHECKED BY:
01/29/03	Roy S.	
REV. DATE:	FILE NAME:	
09/13/05	BACKSTAND FOR 1X3X6	

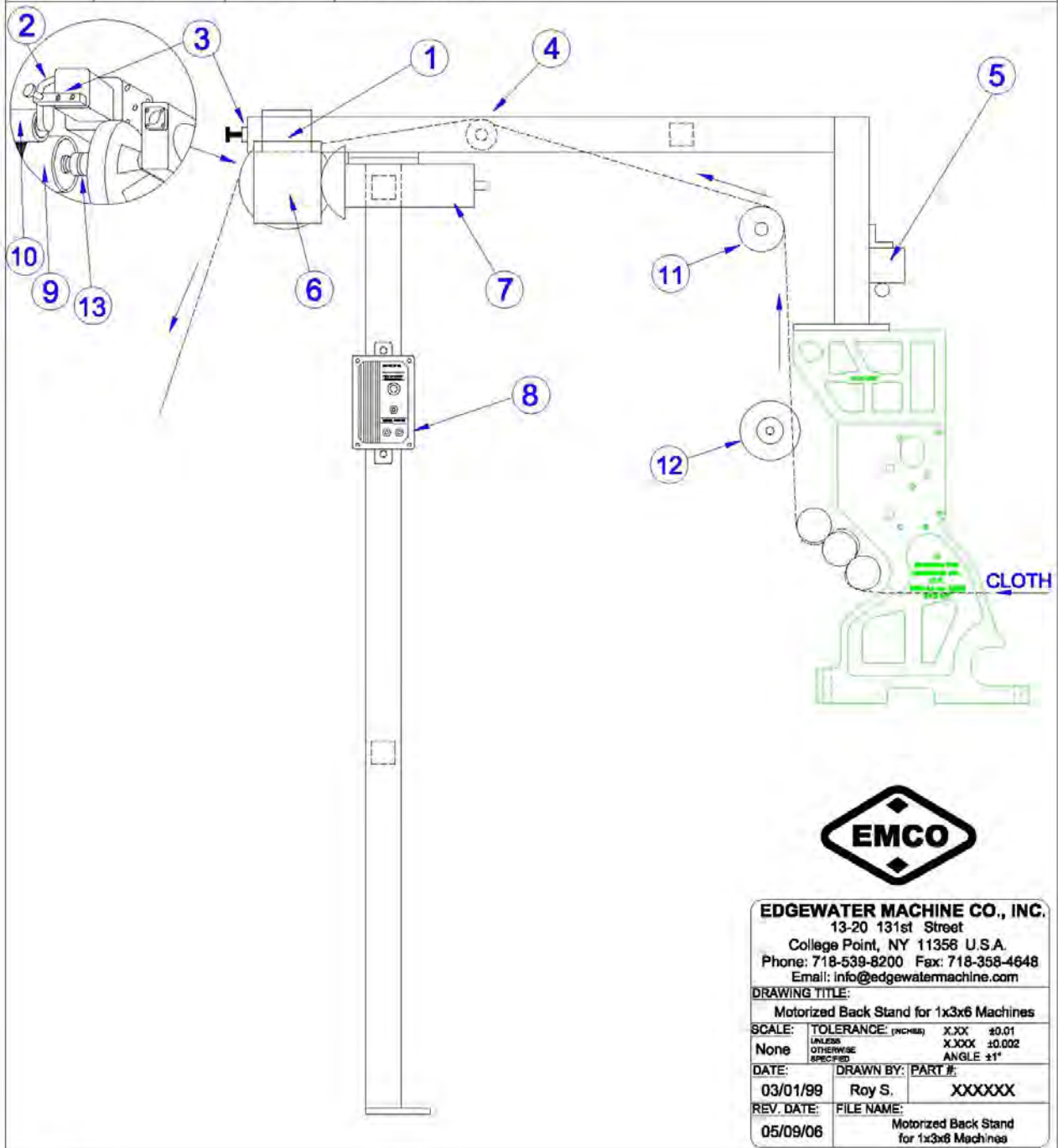
NOTE 1: CONNECT THE POWER LEADS OF THE D.C. DRIVE BOX TO YOUR OWN 15 AMP SAFETY SWITCH. DO NOT TAKE POWER FROM THE QUILTING MACHINE. ONLY THE YELLOW PAIR OF WIRES ARE CONNECTED TO THE STARTER BOX ON THE QUILTING MACHINE.

09/13/05 8:15 am

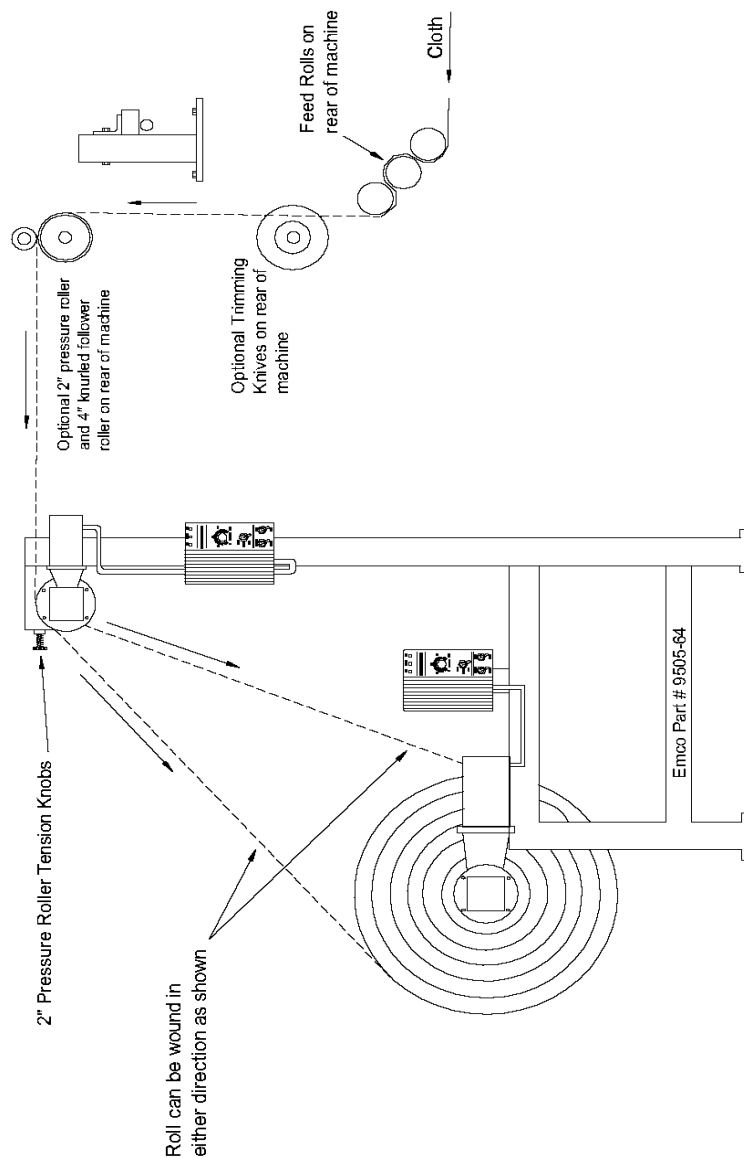


BILL OF MATERIAL

ITEM #	QUANTITY	PART #	DESCRIPTION
1	2	842	Aluminum Casting - Gear Box mounting bracket
2	2	2510	Weight Roller Swing Arms, Specify LH or RH
3	2	2602	Adjustable Tension Control Block with Tensioning Handle
4	1	2605	3" Free Running Roller, Specify Length
5	1	2606	72" Fluorescent Light
6	1	VAC2460RC	Gear Box
7	1	2607	1/2 H.P. D.C. Motor
8	1	2608	D.C. Control Box
9	1	2609	4" Knurled Roller, Specify Length
10	1	2610	2" Weight Roller, Sepcify Length
11	1	2611	4" Knurled Roller, Specify Length
12	Requested	222WH	Circular Knife Blades with Hub
13	1	2612	Universal Joint



Emco Part # 9600-64



Optional Center Wind Machine
combined with motorized back stand.



EDGEWATER MACHINE CO., INC.

13-20 191st. 8 STREET

1920 1318. GINDEL
COLLEGE POINT, NY 11355 U.S.A.

PHONE: 718-539-8200

FAX: 718-358-4848

DRAWING TITLE:

Center Wind Machine with Backstand

<u>SCALE:</u>	<u>TOLERANCE: (INCHES)</u>	X.XX ±0.01
---------------	----------------------------	------------

None

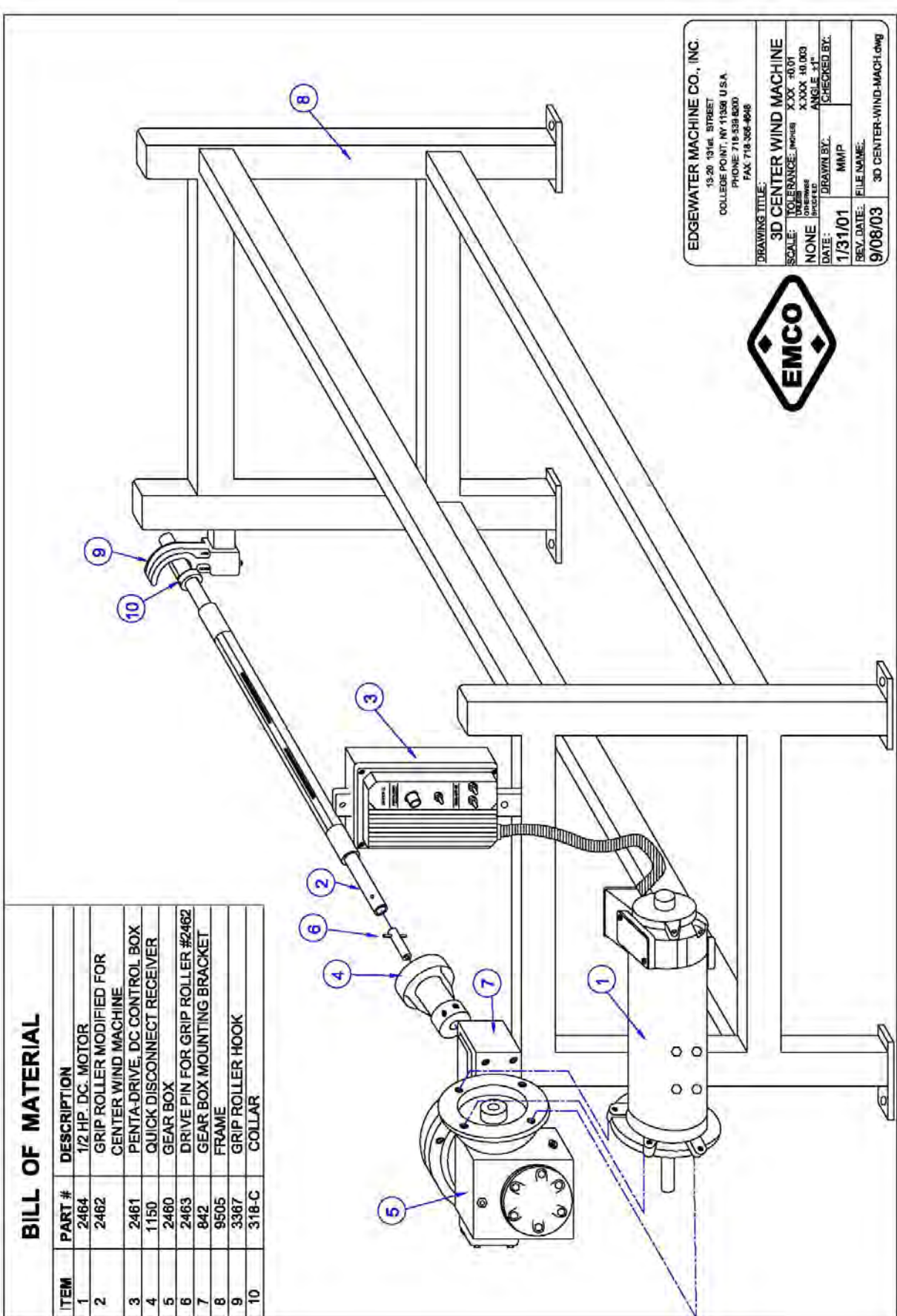
NOTE	CUTTING SPECIFIED	ANGLE $\pm 1^\circ$
DATE:	DRAWN BY:	PART #:

DATE: 02/07/13
DRAWN BY: Roy S
PART #: 9505 & 9500

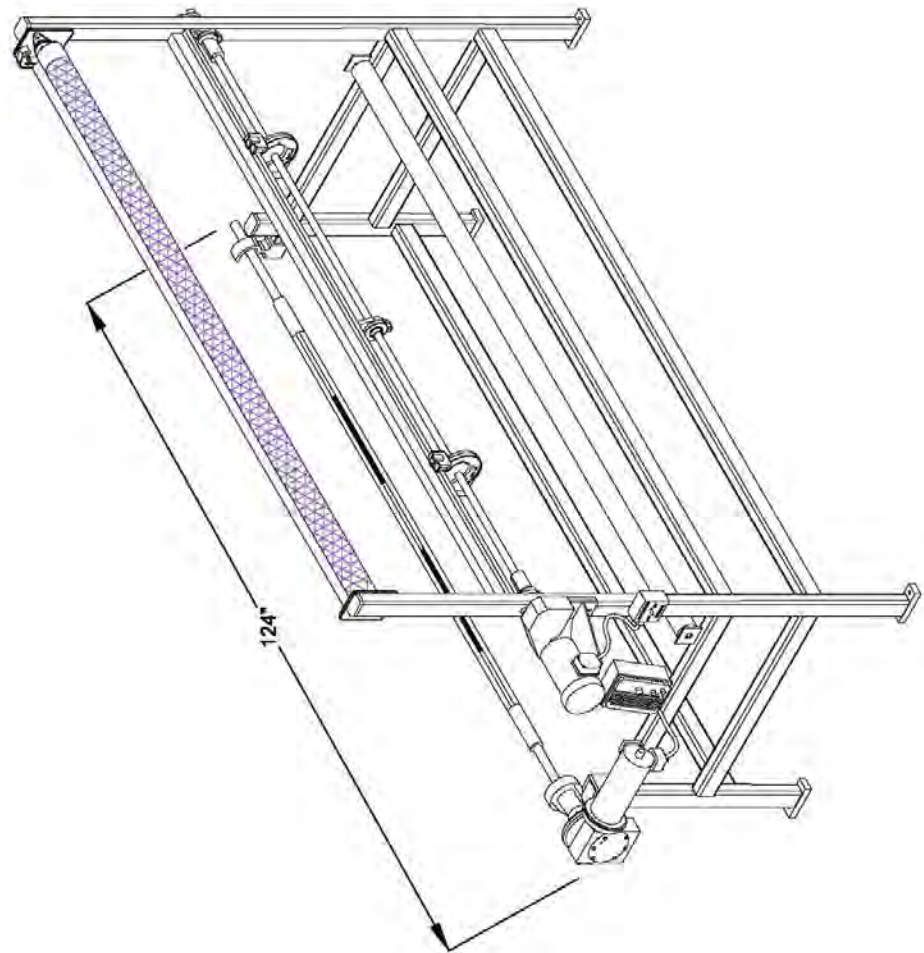
02/07/13	Roy S.	9505 & 9500
REV DATE:	FILE NAME:	

REV. DATE: _____

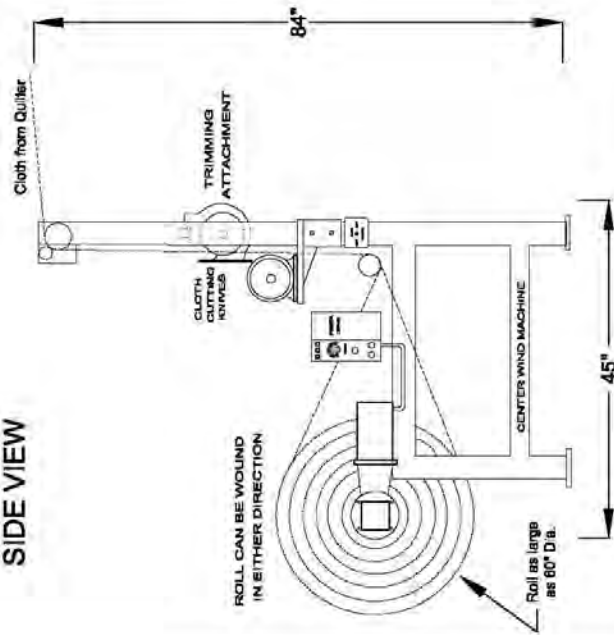
FILE NAME: _____



90 INCH CENTER WIND MACHINE WITH TRIM ATTACHMENT



SIDE VIEW



EDGEWATER MACHINE CO., INC.

13-20 131st STREET
COLLEGE POINT, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-353-4648
Email: info@edgewatermachine.com

DRAWING TITLE:

3D CENTER WIND MACHINE WITH TRIMMING

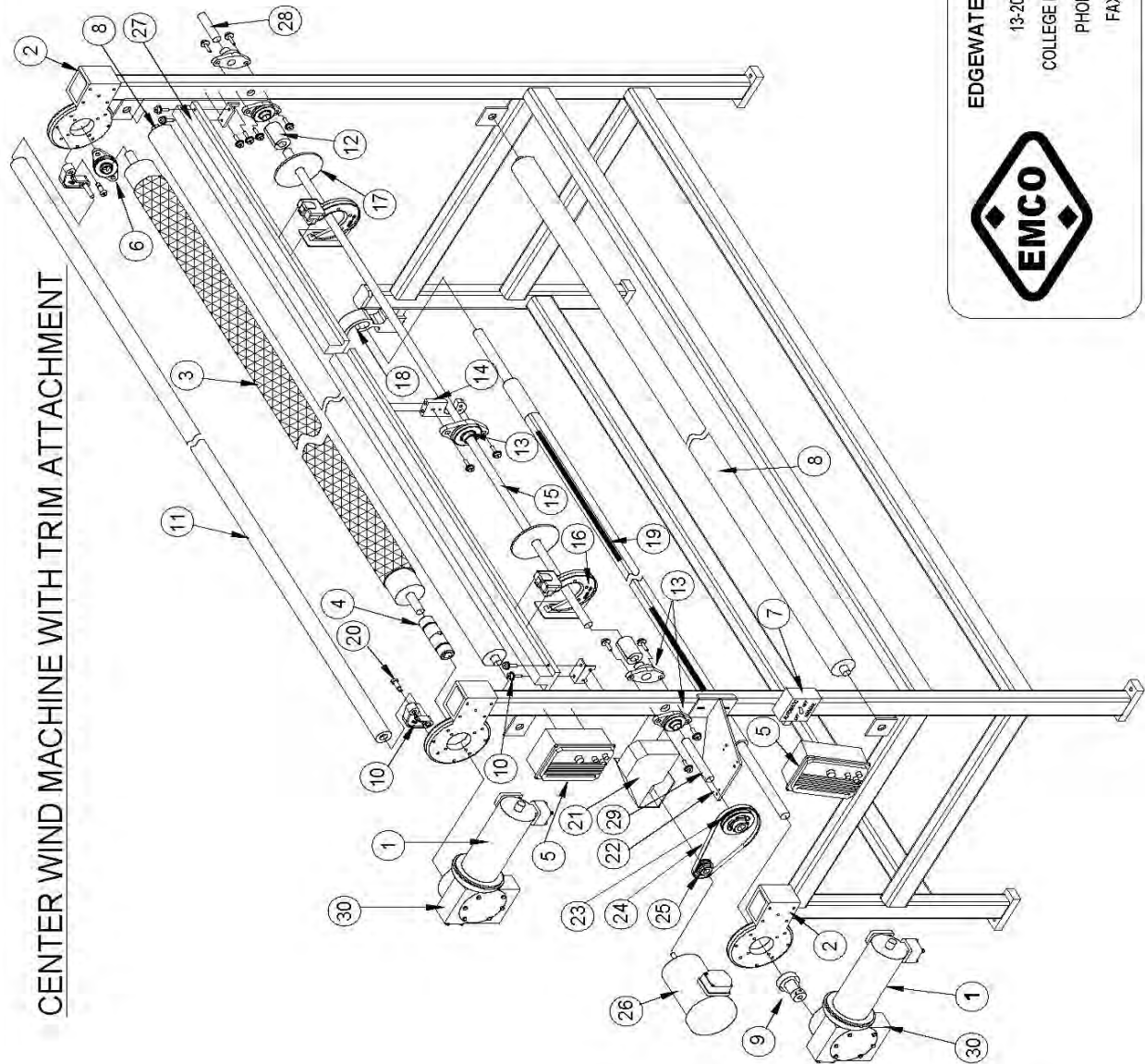
SCALE:	TOLERANCE:	UNITS:	ANGLE:
None	±.01	INCHES	±.01
None	±.002	FEET	±1°

DATE: 01/31/01
DRAWN BY: Roy S.

REV. DATE: 01/17/05
FILE NAME: 9508-WT

3D CENTER WIND MACHINE WITH TRIMMING

CENTER WIND MACHINE WITH TRIM ATTACHMENT



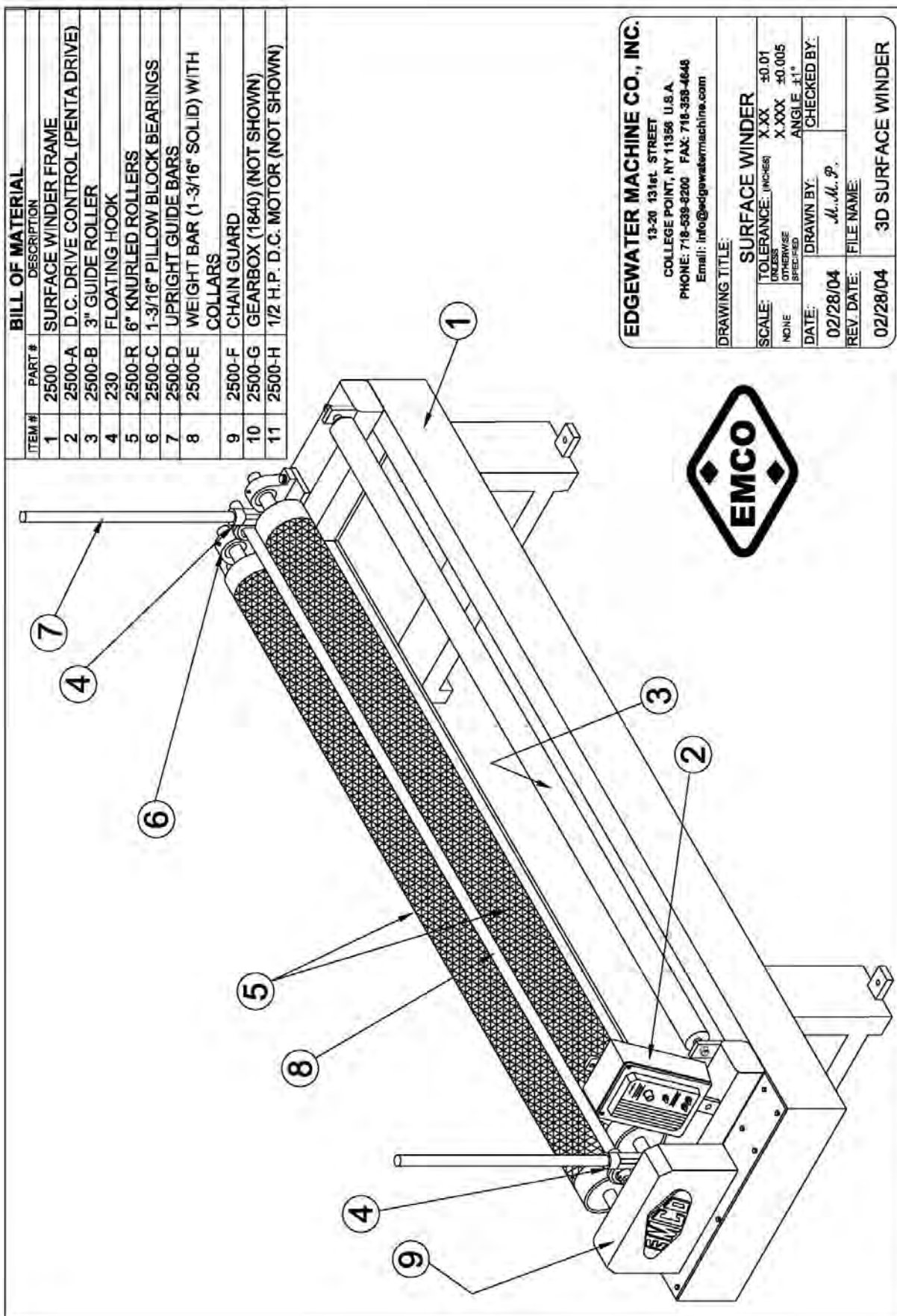
Bill of Materials		
ITEM	PART #	Description
1	2464	MOTOR 1/2" HP D.C.
2	842	ALUM. CASTING
3	2514	4" KNURED ROLLER WITH 1" Ø ENDS SPECIFY LENGTH
4	926	UNIVERSAL JOINT
5	2461	CONTROL BOX
6	514	1" H.D. Flange Bearing
7	210-S	SWITCH
8	2500-B	3 INCH ROLLER SPECIFY LENGTH
9	1150	Quick Disconnect Coupling
10	2510-L or R	Swing Arms, Left or Right
11	2516	2" Weight Roller, Specify Length
12	233-C	Shaft Coupling
13	228	1" Flange Bearing
14	233-CS	CENTER SUPPORT
15	233	1" HARDENED SHAFT, Spec. Length
16	190	KNIFE GUARD
17	222	KNIFE BLADE 5 1/2" Dia
18	3367	GRIP ROLLER HOOK
19	318NT	GRIP ROLLER SPECIFY LENGTH
20	2511	3/8-16 SHOULDER SCREW-1/2"x1"
21	229	BELT GUARD
22	217	MOTOR MOUNT
23	AC40	DRIVEN PULLEY
24	4L210	V-BELT
25	2210	MOTOR PULLEY
26	213-1	MOTOR 1 HP.
27	235	"T" BAR 108" LONG
28	233-S	STUB SHAFT, SHORT
29	233-L	STUB SHAFT, LONG
30	2460	GEARBOX

EDGEWATER MACHINE CO., INC.

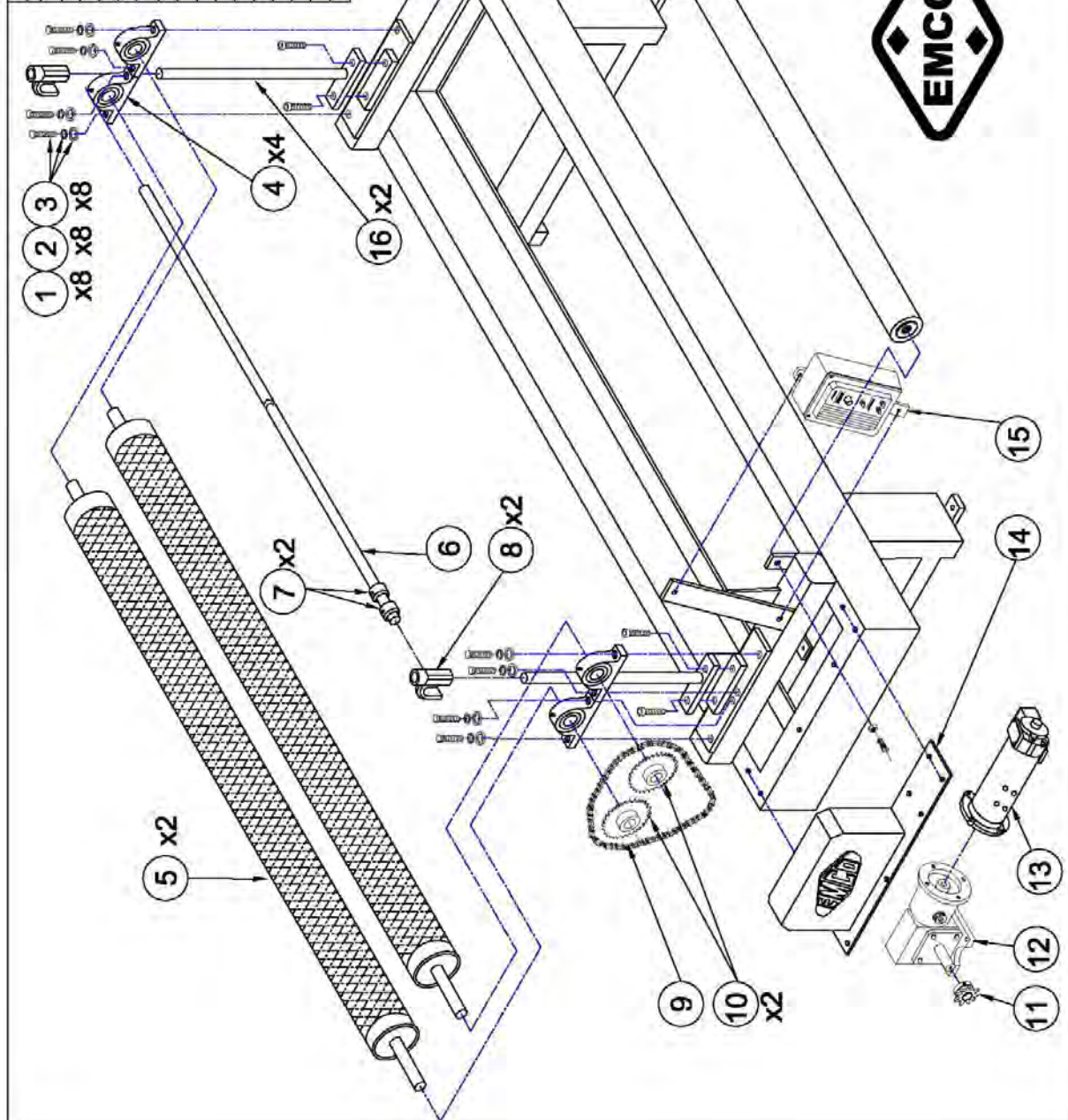
13-20 131st STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648



DRAWING TITLE:			
3D CENTER WIND MACHINE WITH TRIMMING			
SCALE:	TOLERANCE (INCHES):	XXX	±0.01
DATE:	DRAWN BY:	ROY S.	CHECKED BY:
01/24/01			
REV. DATE:	FILE NAME:	3D CENTER WIND MACHINE WITH TRIMMING	
03/10/11		EXPLODED	

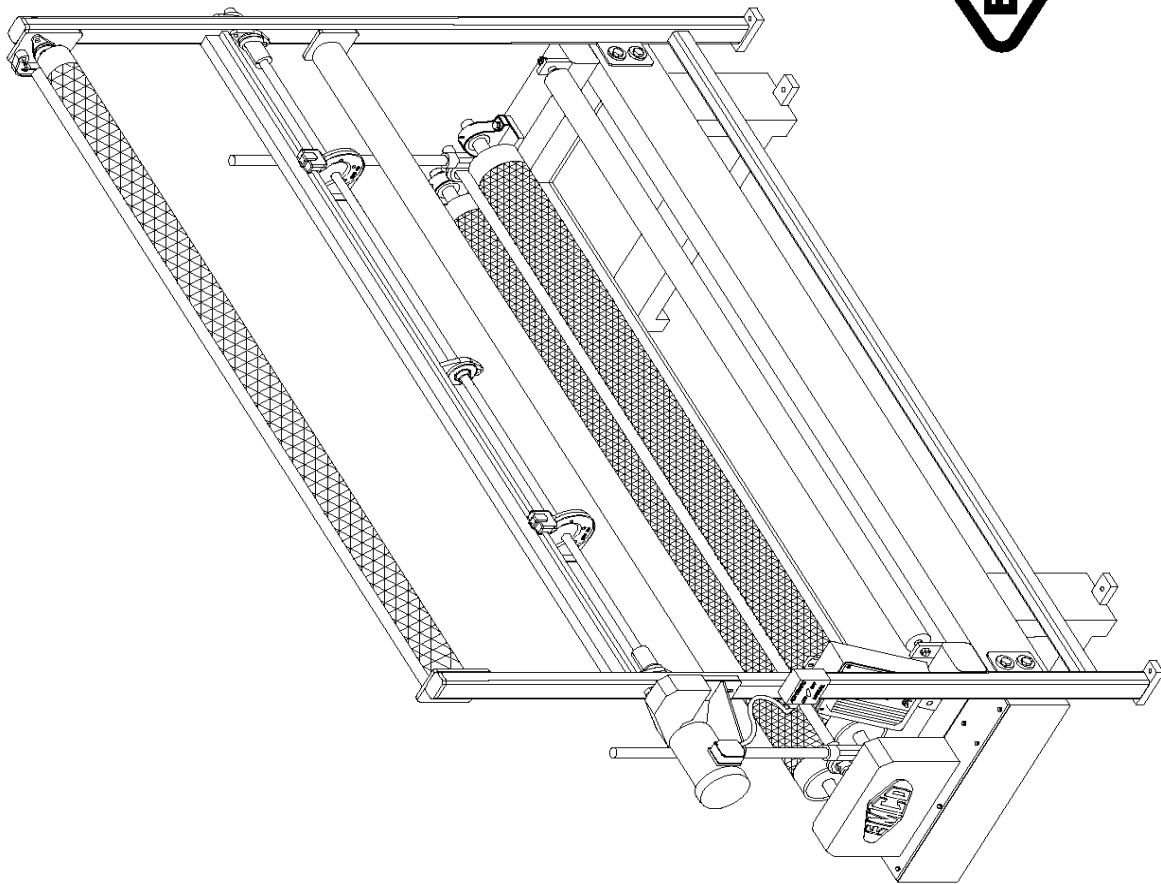


ITEM #	PART #	DESCRIPTION
1		BOLT 1/2-13 x 2" HEX. HD. CAP. (X8)
2		LOCK WASHER 1/2" (X8)
3		FLAT WASHER 1/2" (X8)
4	2500-C	1-3/16" PILLOW BLOCK BEARINGS
5	2500-R	8" ROLLERS (KNURLED)
6	2500-E	WEIGHT BAR, 1-3/16" OR 1-1/4"
7	2500-I	COLLARS 1-1/4" (X2)
8	230	FLOATING HOOKS (X2)
9	2500-40	#40 ROLLER CHAIN
10	2500-SL	SPROCKET 40BS-40 X 1-3/16 (X2)
11	2500-SS	SPROCKET 40BS-12 X 3/4
12	2500-G	GEAR BOX
13	2500-H	MOTOR 1/2 H.P. DC
14	2500-F	SURFACE WINDER GUARD
15	2500-A	D.C. DRIVE CONTROL (PENTA DRIVE)
16	2500-D	UPRIGHT GUIDE BARS (X2)



EDGEWATER MACHINE CO., INC.	
13-20 131st STREET COLLEGE POINT, NY 11356 U.S.A. PHONE: 718-539-8200 FAX: 718-358-4848	
DRAWING TITLE: SURFACE WINDER	
SCALE:	TOLERANCE: (INCHES) X.XX ±0.01 (MILLIMETERS) X.XXX ±0.005
DATE: 01/31/00	DRAWN BY: J.L.P.
REV. DATE: 03/27/00	CHECKED BY:
FILE NAME: 3D SURFACE WINDER EXPLODED	

Surface Winder with Optional Trimming Attachment



EDGEWATER MACHINE CO., INC.			
13-20 131st STREET			
COLLEGE POINT, NY 11386 U.S.A.			
PHONE: 718-339-9200 FAX: 718-339-4949			
Email: info@edgewatermachine.com			
DRAWING TITLE: Surface Winder with Trim Attachment Option			
SCALE:	TOLERANCE: (inches)	XXX	±0.01
NONE	INCHES	XXX	±0.005
DATE:	DRAWN BY:	ANGLE	±1°
02/28/06	Roy S.	PART #:	2500TA
REV. DATE:	FILE NAME:	3D 2500TA - Surface Winder with Trim Attachment Option	
04/03/08			

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	5/16-18x1-1/2SHQ	SOCKET HEAD CAP SCREW, 5/16-18x1-1/2" LONG
2	234 LH	LEFT UPRIGHT
3	234 RH	RIGHT UPRIGHT
4	228	2 BOLT FLANGE BEARING - 1"
5	5/16-18x1SHC	SOCKET HEAD CAP SCREW, 5/16-18 x 1" LONG
6	233-C	COUPLING - 1"
7	220	MOUNTING BRACKET FOR UPRIGHTS
8	1/2" FW	1/2" FLAT WASHER
9	1/2" LW	1/2" LOCK WASHER
10	1/2-13x2HHQ	HEX HEAD CAP SCREW, 1/2-13 x 2" LONG
11	233 x XX"	HARDENED SHAFT - 1" ROUND - SPECIFY LENGTH
12	233-CS	CENTER SUPPORT
13	235 x XX"	"T" BAR - SPECIFY LENGTH
14	233-5	STUB SHAFT - 5" LONG
15	233-6WK	STUB SHAFT - 6" LONG WITH 1/4" KEYWAY
16	2210	MOTOR PULLEY
17	AC40	DRIVEN PULLEY
18	4L210	V-BELT
19	229	BELT GUARD
20	213MP	MOTOR MOUNT
21	210-S	SWITCH, 3 POLE-DOUBLE THROW, CENTER OFF
22	213-1	MOTOR 1 H.P.
23	180	KNIFE GUARD
24	222-5.5	KNIFE BLADE
25	223	KNIFE HUB
26	225	KNIFE GUARD (OLD STYLE)
27	791-SHORT	OLD STYLE COUPLING (SHORT), 5 1/2" O.A. LENGTH
28	791-LONG	OLD STYLE COUPLING (LONG), 7 1/2" O.A. LENGTH
29	770-U	KNIFE SHARPENER UNIT COMPLETE

EDGEWATER MACHINE CO., INC.
13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648

EMCO

DRAWING TITLE: Trim Attachment
SCALE: TOLERANCE: (INCHES) XXX ±0.01
NONE OTHERWISE XXXX ±0.005
DATE: 03/22/03
REV DATE: 05/10/10
FILE NAME: Trim Attachment with AL Uprights

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	5-16-18x1.1/2SHC	SOCKET HEAD CAP SCREW, 5/16-18 X 1-1/2" L
2	234-RT	RECTANGULAR TUBING 2" X 3" X 3/16"
3	770-U	KNIFE SHARPENER UNIT COMPLETE
4	228	2 BOLT FLANGE BEARING - 1"
5	5/16-18x1SHC	SOCKET HEAD CAP SCREW, 5/16-18 X 1" LONG
6	233-C	COUPLING - 1"
7	223	KNIFE HUB
8	3/8" FW	3/8" FLAT WASHER
9	3/8" LW	3/8" LOCK WASHER
10	3/8-16x1.1/4HHC	3/8-16 X 1.1/4" HEX HEAD CAP SCREW
11	233 x XX"	HARDENED SHAFT - 1" ROUND, SPECIFY LENGTH
12	233-CS	CENTER SUPPORT
13	235 x XX"	1" BAR - SPECIFY LENGTH
14	233-6	STUB SHAFT 1" X 6" LONG
15	233-7WK	STUB SHAFT 1" X 7" LONG WITH 1/4" KEYWAY
16	2210	MOTOR PULLEY
17	AC40	DRIVEN PULLEY
18	4L210	V-BELT
19	229	BELT GUARD
20	213MP	MOTOR MOUNTING PLATE
21	210-S	SWITCH, 3 POLE-DOUBLE THROW, CENTER OFF, COMPLETE WITH MOUNTING BOX
22	213-1	1 H.P., 3 PHASE MOTOR
23	180	COMBINATION CLOTH GUIDE AND KNIFE GUARD
24	222	ROUND KNIFE BLADE
25	2514	4" KNURLED FOLLOWER ROLLER WITH 1" DIA. ENDS SPECIFY LENGTH OF ROLLER AND ENDS
26	2514-C	1" COLLARS
27	347-M	BUSHINGS
28	924	TOP FOLLOWER ROLLER SUPPORT CASTING

EDgewater MACHINE CO., INC.
 13-20 131st STREET
 COLLEGE POINT, NY 11356 U.S.A.
 PHONE: 718-539-8200
 FAX: 718-358-4648

DRAWING TITLE:
TRIM ATTACHMENT(NEW TYPE)

SCALE:
NONE

DATE:
06/01/00

REV. DATE:
05/10/10

TOLERANCE:
XXX ±0.01
X.XXX ±0.005
INCHES
SPECIFIED

ANGLE:
41°

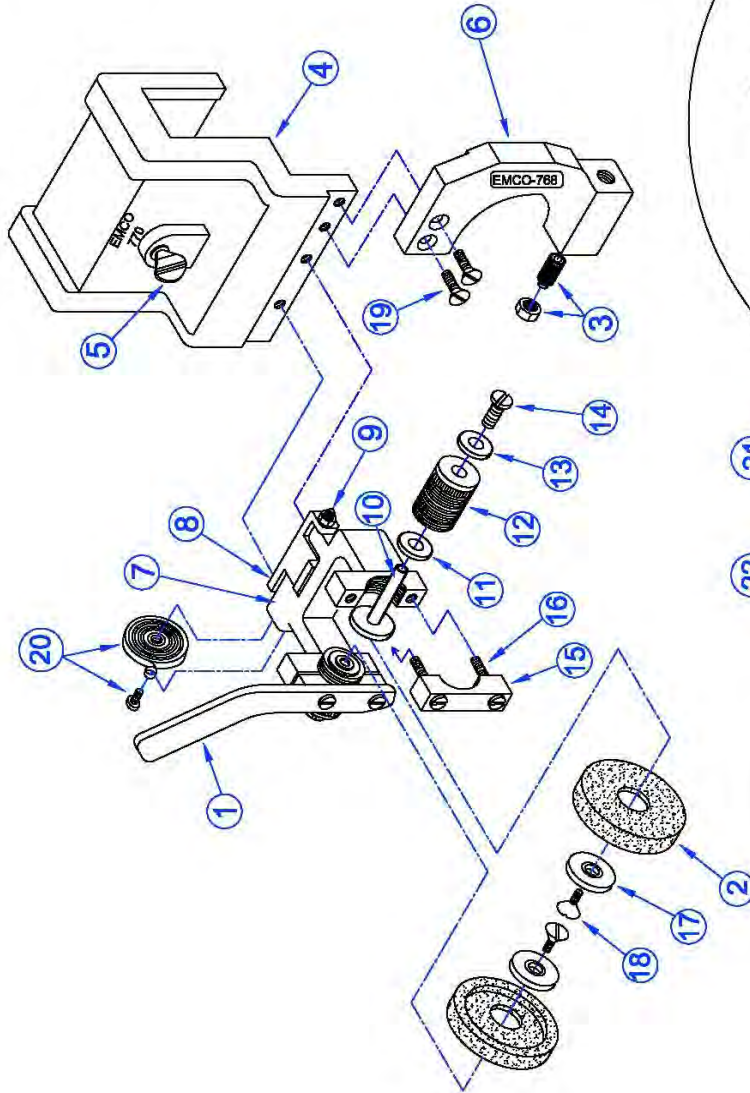
DRAWN BY:
Roy S.

CHECKED BY:

FILE NAME: Trim Attachment with Rectangular Uprights

BILL OF MATERIAL

ITEM #	PART #	DESCRIPTION
1	767	STEEL HANDLE FOR KNIFE SHARPENER
2	770-S	GRINDING STONES (sold individually)
3	238WN	BRASS TIPPED STOP SCREW WITH NUT
4	770	ALUMINUM MOUNTING BRACKET
5	766TS	1/4-20 X 3/4" LONG THUMB SCREW
6	768	POSITIONING ARM
7	770-A	GRINDER FRAME
8	770-B	GRINDER FRAME MOUNTING BRACKET
9	770-C	GRINDER MOUNTING SHAFT AND NUT
10	770-D	GRINDING STONE SHAFT
11	770-E	NYLON WASHER
12	770-F	JOURNAL
13	770-G	WASHER
14	770-H	SCREW
15	770-I	CAP
16	770-J	SCREW
17	770-K	GRINDING STONE WASHER
18	770-L	GRINDING STONE SCREW
19	770-M	SCREW
20	770-N	SPRING AND SCREW
21	770-U	COMPLETE KNIFE SHARPNER UNIT
22	770-SA	COMPLETE SPINDLE ASSEMBLY



EDGEWATER MACHINE CO., INC.

13-20 131st. STREET
COLLEGE POINT, NY 11356 U.S.A.
PHONE: 718-539-8200
FAX: 718-358-4648

DRAWING TITLE:

KNIFE SHARPENER UNIT (770-U)

SCALE: TOLERANCE: (INCHES) X.XX ±0.01

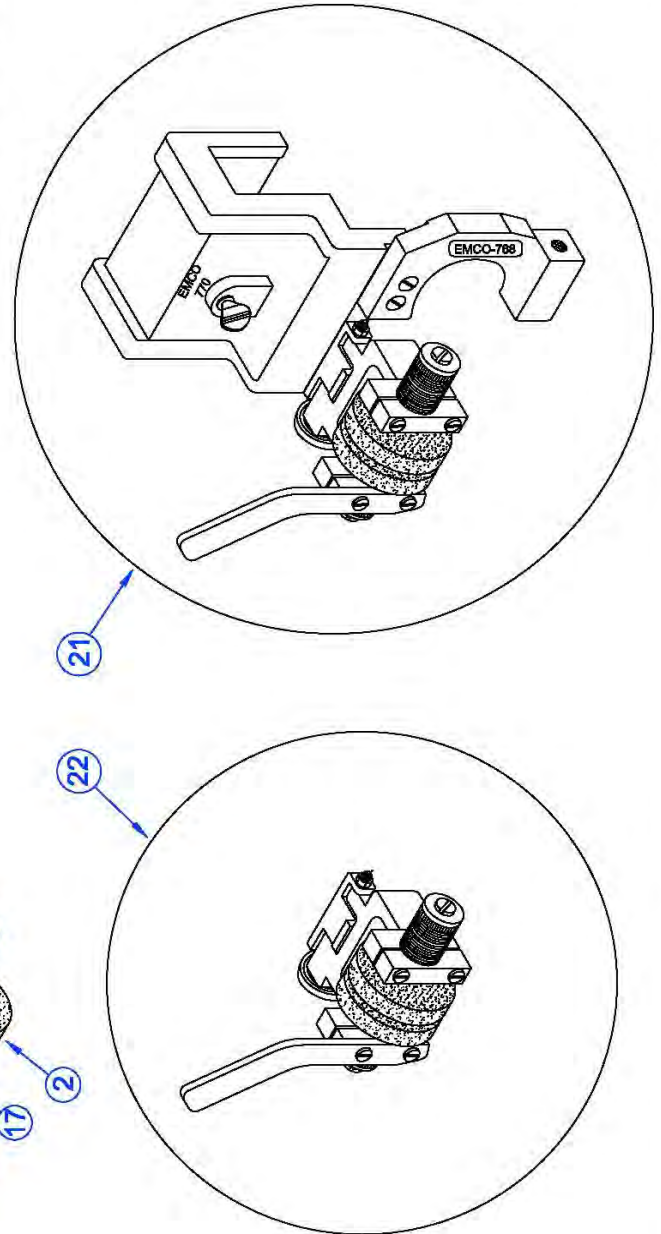
OTHERWISE X.XXX ±0.005

NONE SPECIFIED ANGLE ±1°

DATE: 07/18/00 DRAWN BY: Roy S. PART #: 770-U

REV. DATE: FILE NAME:

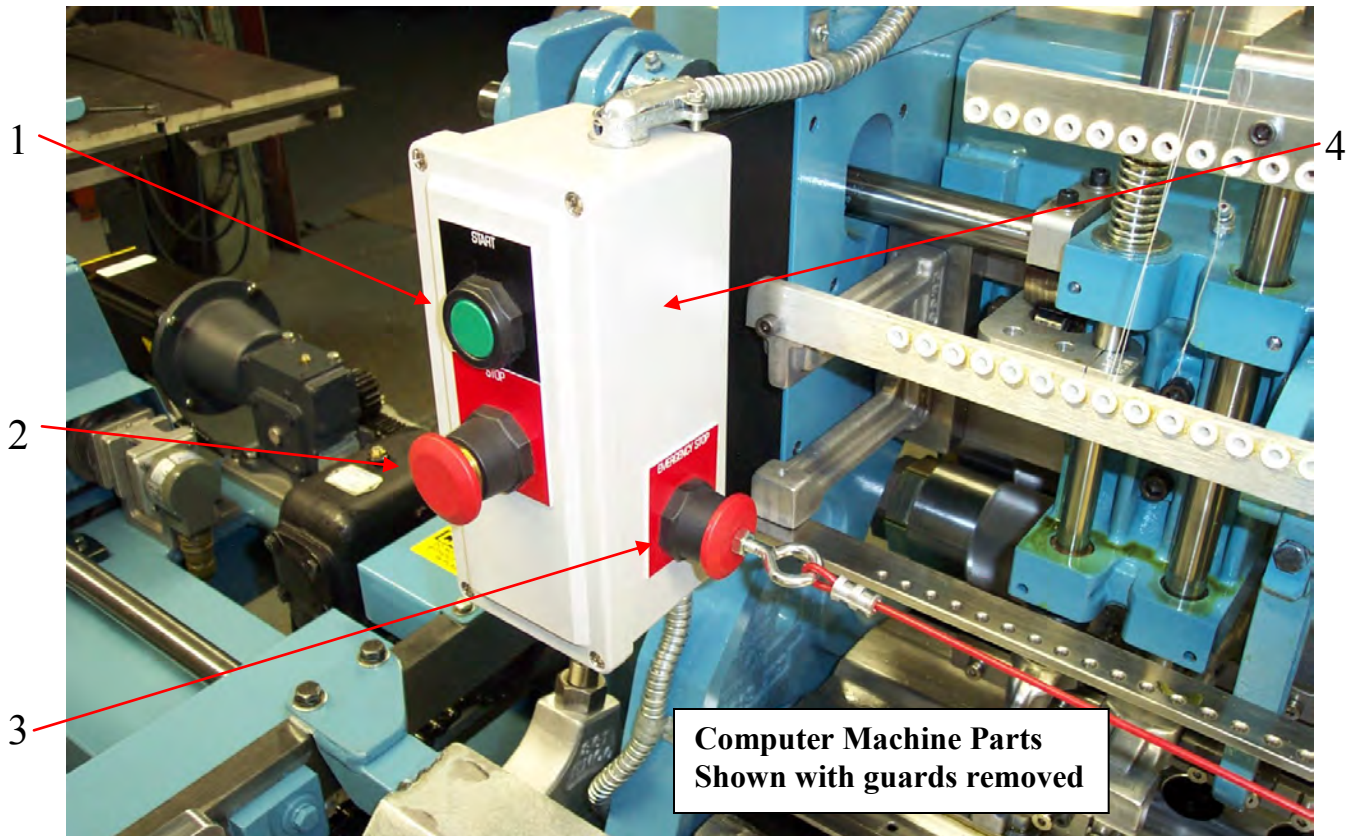
02/03/11 3D KNIFE SHARPENER UNIT



Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



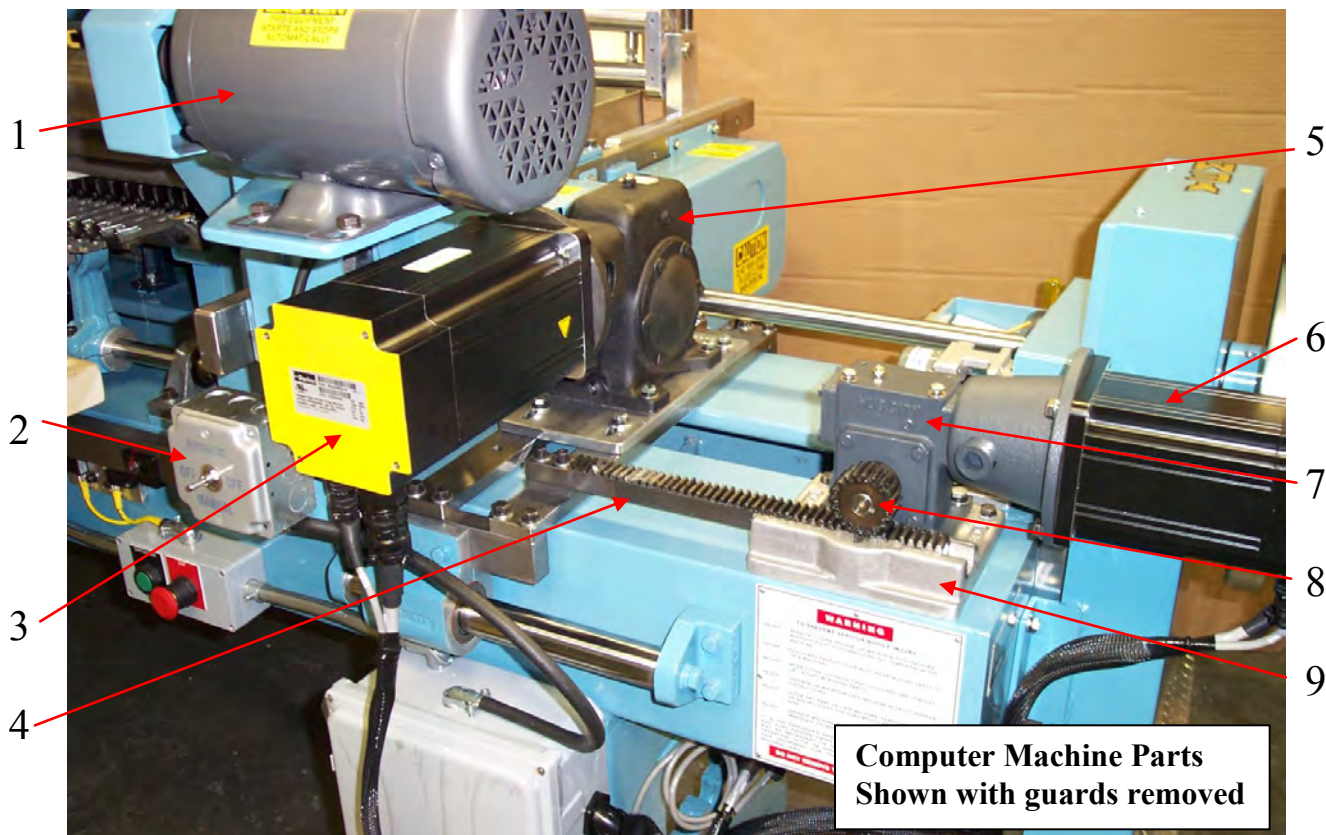
Item #	Part #	Description
1	E137ST	Start Button
2	E138STP	Stop Button, Maintained Down
3	E139PCSTP	Emergency Pull Cable Stop Button
4	E140CE	Complete Enclosure with three Buttons
5		
6		
7		
8		
9		
10		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



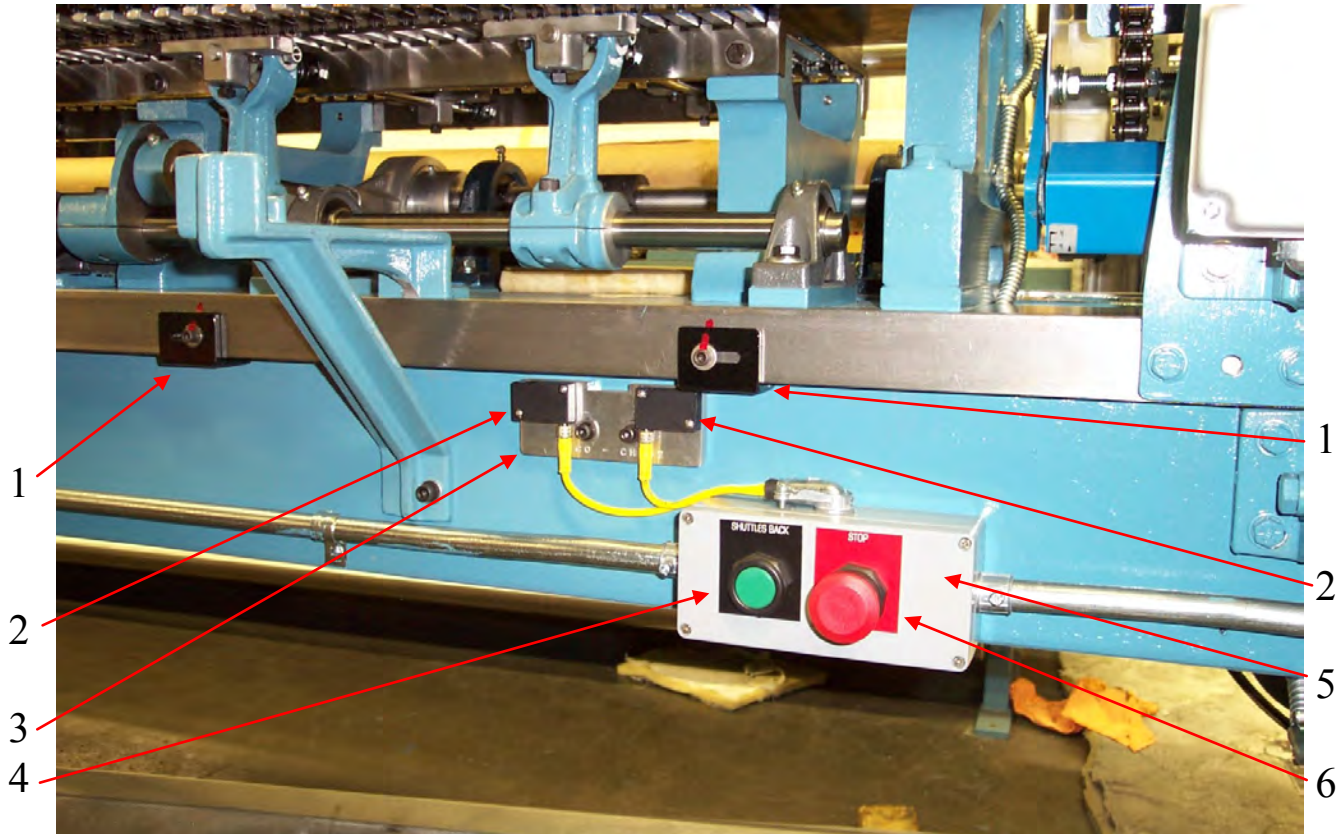
Item #	Part #	Description
1	213-1	Trimming Attachment Motor
2	210-S	Trimming Attachment Switch
3	NB1421FRM-416	Feed Roll Drive AC Servo Motor
4	NSR10X1	Carriage Drive Rack Gear, specify length
5	MTC2680C	Feed Roll Drive Gear Box
6	MPM1141-ATG6GIN	Carriage Drive AC Servo Motor
7	HC181	Carriage Drive Gear Box
8	NSS10F20	Carriage Spur Gear, 3/4" Bore
9	840	Carriage Rack Gear and Gear Box Mounting Plate
10		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



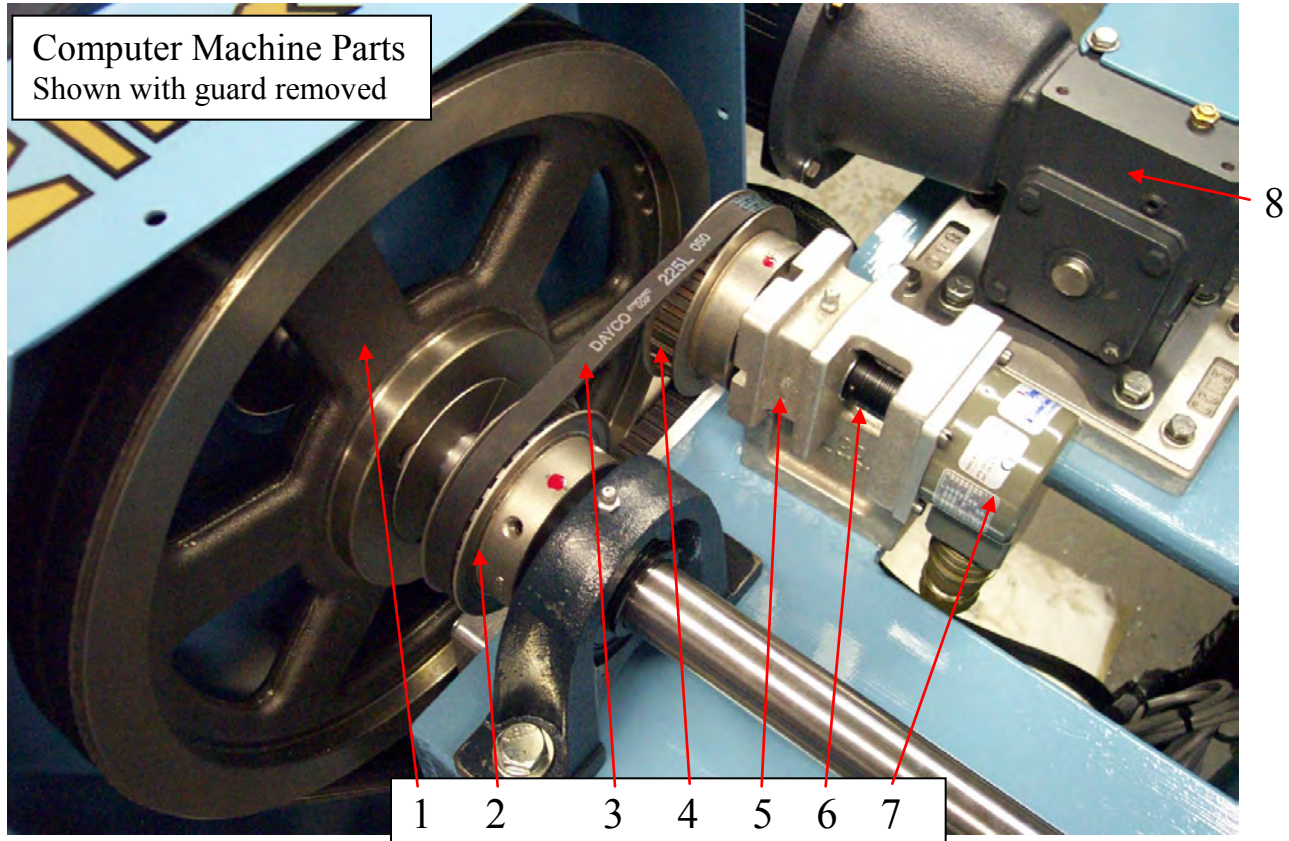
Item #	Part #	Description
1	LM2X2	Adjustable Limit Switch Stop Brackets
2	NI4-Q12-AP6X	Carriage Proximity Switches, (limit switches)
3	CH952	Carriage Proximity Switch Mounting Plate
4	E140SB	"Shuttles Back" Button
5	E141CE	Complete Enclosure with Two Buttons
6	E138STP	Stop Button, Maintained Down
7		
8		
9		
10		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



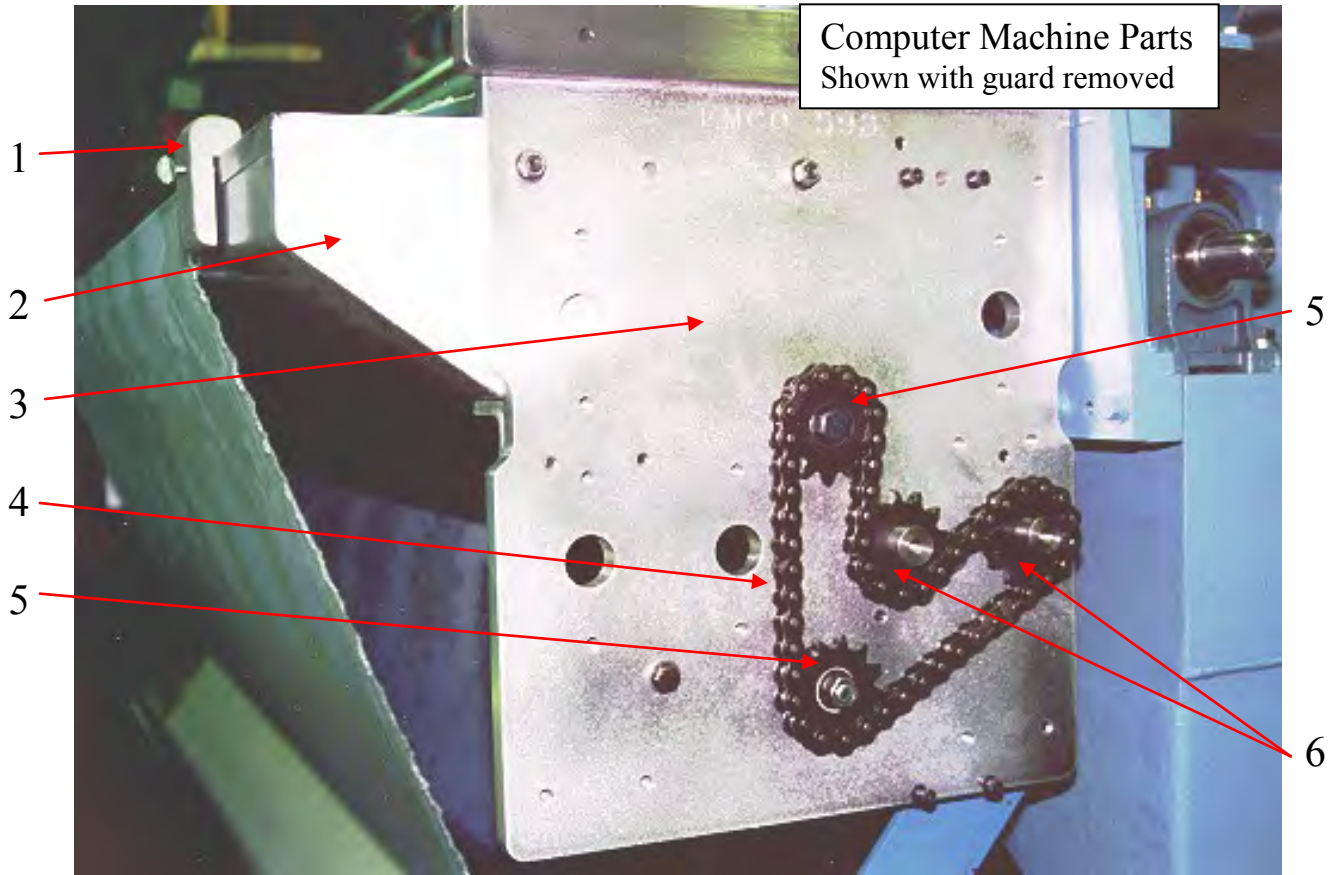
Item #	Part #	Description
1	2BK140H	Main Shaft Drive Pulley
2	30L050x1.3/16	Encoder Timing Pulley with 1.3/16" Bore
3	225L050	Encoder Timing Belt
4	30L050x1/2	Encoder Timing Pulley with 1/2" Bore
5	1181	Encoder Mounting Bracket
6	1181C	Encoder Coupling
7	HA6251000-0341	Main Shaft Encoder
8	HC181	Carriage Drive Gear Box
	B57	(2) Belts for Main Shaft Pulley – 90" machines, not shown
	B61	(2) Belts for Main Shaft Pulley – 130" machines, not shown
	2B34TB	Main Shaft Motor Pulley, not shown
	MPM1422-FRM-433	Main Shaft Drive Servo Motor- 90" machines, not shown
	CM1901-1059	Main Shaft Drive Servo Motor- 130" machines, not shown

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	483-NT	Baffle for Feed Trough, specify
2	E484	Special Feed Trough for Embroidery Machines
3	598	Mounting Plate for Embroidery Attachment
4	607	Embroidery Roller Drive Chain, you must specify length
5	606-15B	15 Tooth Idler Sprocket, 5/8" ID Bore with bearing
6	606	Drive Sprocket, 1" Bore, 12 tooth, (one on each of the two rollers)
7		
8		
9		
10		

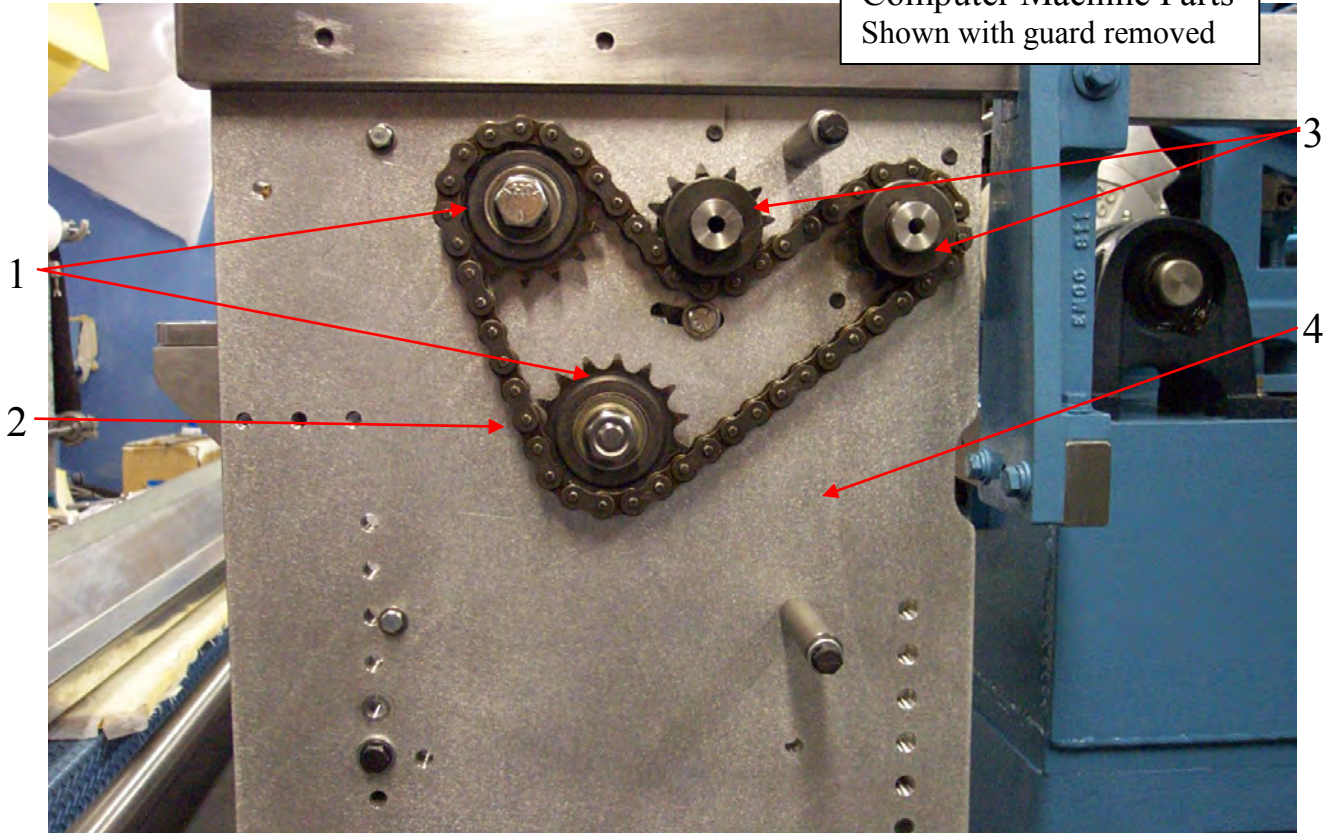
Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

Computer Machine Parts
Shown with guard removed



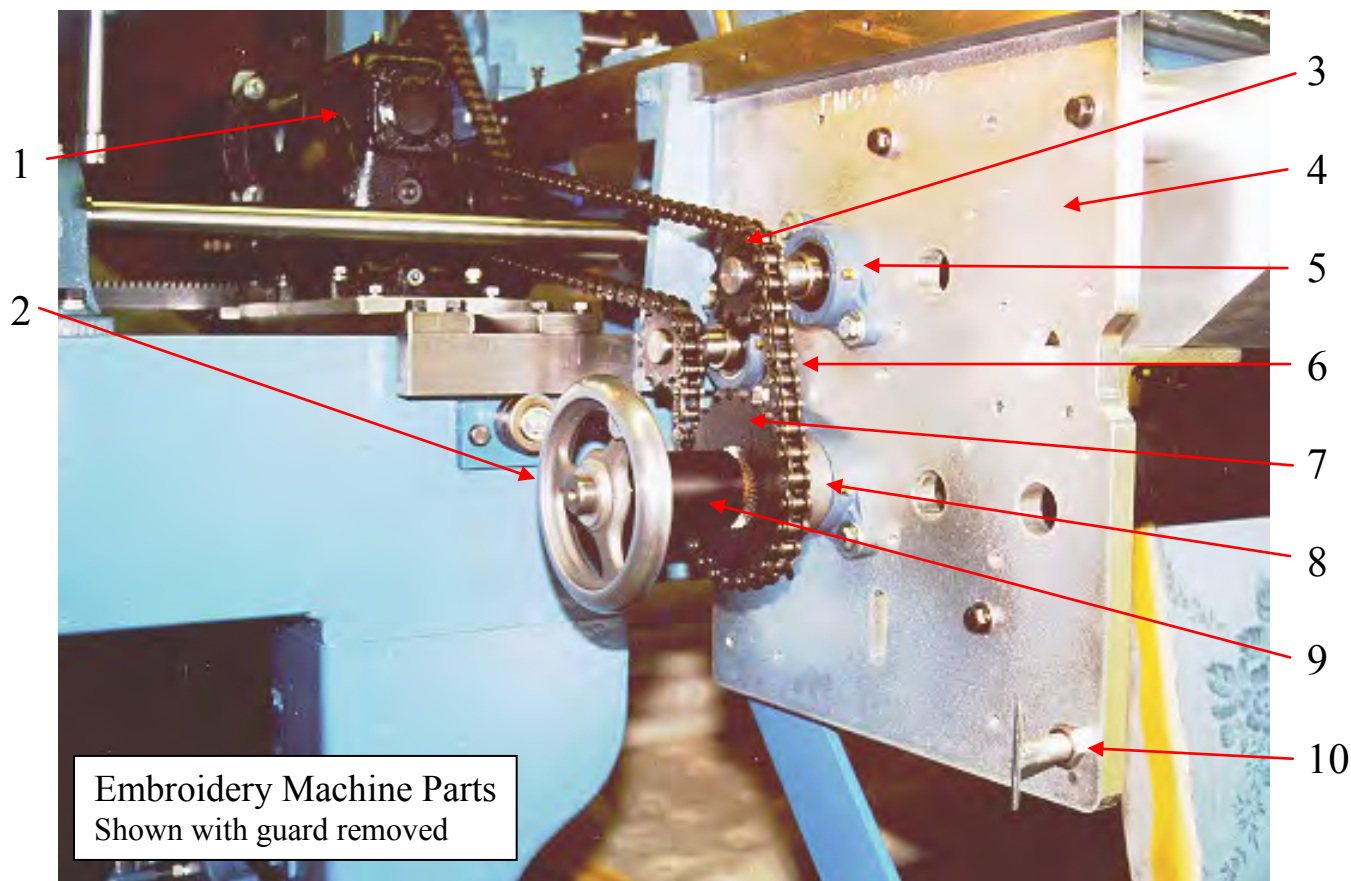
Item #	Part #	Description
1	606-15B	15 Tooth Idler Sprocket, 5/8" ID Bore with bearing
2	607	Embroidery Roller Drive Chain, you must specify length
3	606	Drive Sprocket, 1" Bore, 12 tooth, (one on each of the two rollers)
4	598-5-RP	Mounting Plate for Embroidery Attachment
5		
6		
7		
8		
9		
10		

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com

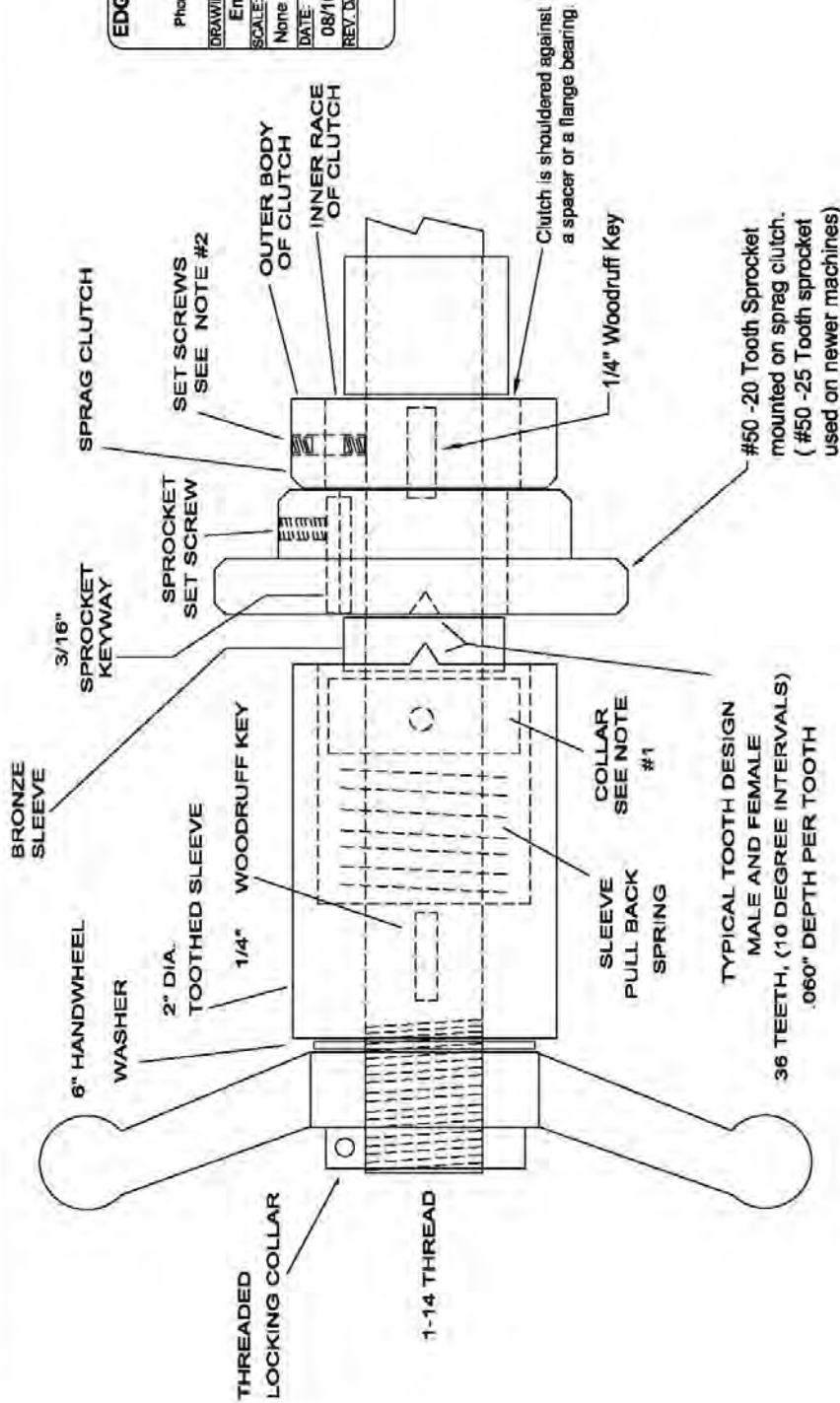


Item #	Part #	Description
1	MTC2680C	Feed Roll Drive Gear Box
2	600	Embroidery Roller Clutch Engagement Handwheel
3	606	12 Tooth Idler Sprocket, 1" ID Bore
4	598	Embroidery Roller Attachment Mounting Plate
5	598A	1" Two Bolt Flange Bearing
6	E607	Embroidery Roller Drive Chain, you must specify length
7	E605	25 Tooth Embroidery Roller Drive Sprocket, custom made with 36 teeth on face of sprocket
8	E604	Embroidery Drive Roller One Way Reversing Clutch
9	E608	Clutch Engagement Sleeve
10	E601	Reversing Swing Takeup Roller Locking Pin

Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.



EDGEWATER MACHINE CO., INC.	
13-20 131st STREET COLLEGE POINT, NY 11955 U.S.A. Phone: 716-538-8200 Fax: 716-388-4648 Email: info@edgewatermachine.com	
DRAWING TITLE: Embroidery Roller Clutch Assembly	
SCALE: None	TOLERANCE (inches): X .001 .002 .005 .010 .020 .050 .100 .200 .500 1.000 2.000 5.000 10.000
DATE: 08/10/05	DRAWN BY: Roy S. XXXXXX
REV. DATE:	FILE NAME:
Embroidery Roller Clutch Assembly	



NOTE #2: VERY IMPORTANT: DO NOT TIGHTEN TOP SET SCREW. MAKE TOP SET SCREW FLUSH WITH OUTER SURFACE OF CLUTCH. LOWER SET SCREW CAN BE SEEN AFTER ROTATING INNER RACE OF CLUTCH TO ALIGN SET SCREW WITH HOLE IN BODY OF CLUTCH. REMEMBER, CLUTCH ONLY ROTATES IN ONE DIRECTION. TURN CAREFULLY UNTIL SET SCREW IS ALIGNED WITH HOLE.

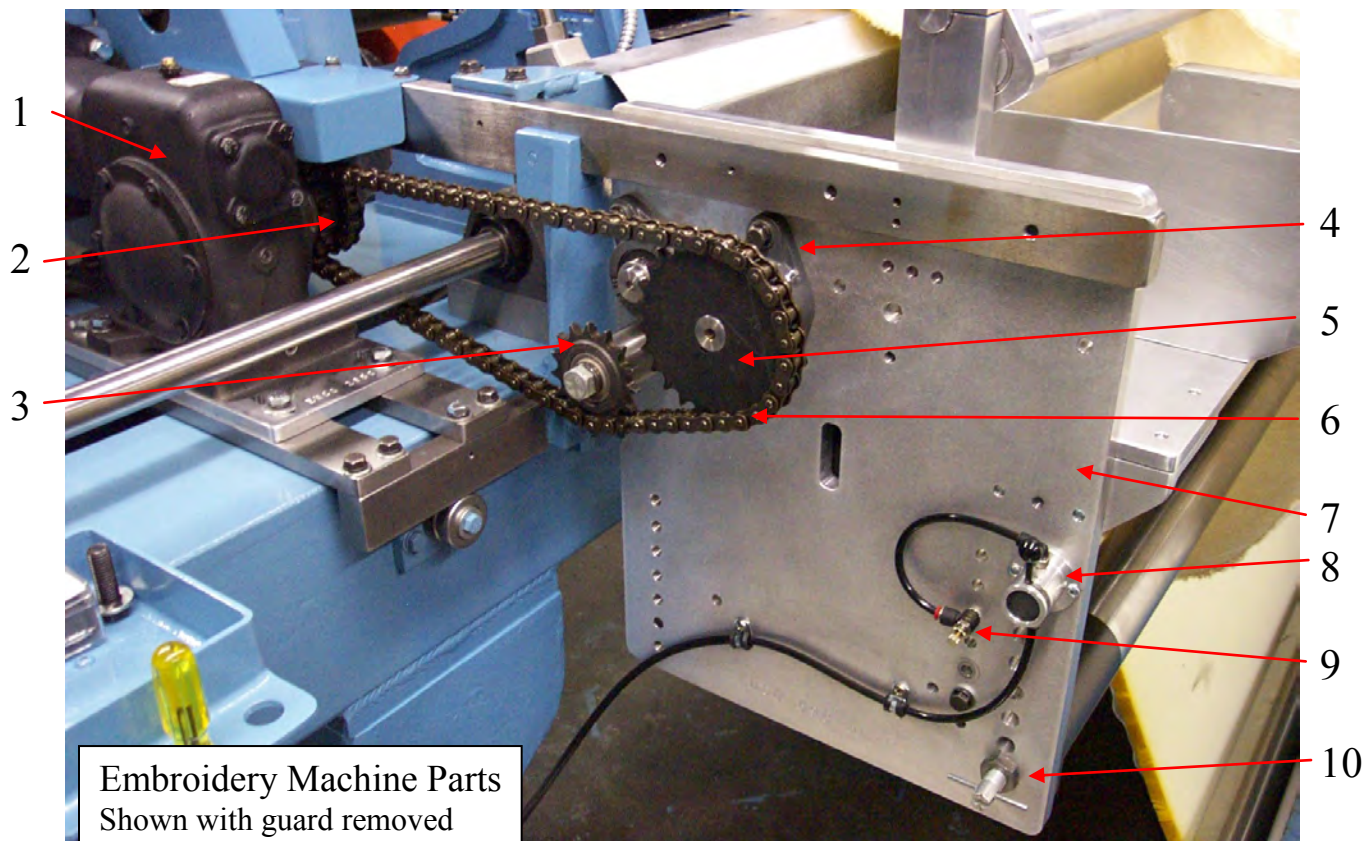
NOTE #1: THE COLLAR INSIDE THE TOOTHED SLEEVE IS HELD IN PLACE WITH A SET SCREW. SECURE THIS SET SCREW WITH REMOVABLE LOCKTITE. WHEN TIGHTENING, DO NOT OVER TIGHTEN. IF OVER TIGHTENED THE COLLAR WILL DISTORT IN SHAPE AND WILL HINDER THE MOVEMENT OF THE SLEEVE.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Pneumatic components used only on machines 90" and over in length

Item #	Part #	Description
1	MTC2680C	Feed Roll Drive Gear Box
2	E600-16D	Embroidery Roller Drive Dual Sprocket
3	606-15B	15 Tooth Idler Sprocket, 5/8" ID Bore with bearing
4	598A	1" Two Bolt Flange Bearing
5	E605-25T	Embroidery Roller Driven Sprocket, 1" Bore
6	E607	Embroidery Roller Drive Chain, you must specify length
7	598-5-LP	Embroidery Roller Attachment Mounting Plate
8	E609PV	Pneumatic Valve
9	E610FCV	Flow Control Valve
10	E601	Takeup Roller Locking Pin

Order Parts by Part #, not Item # .

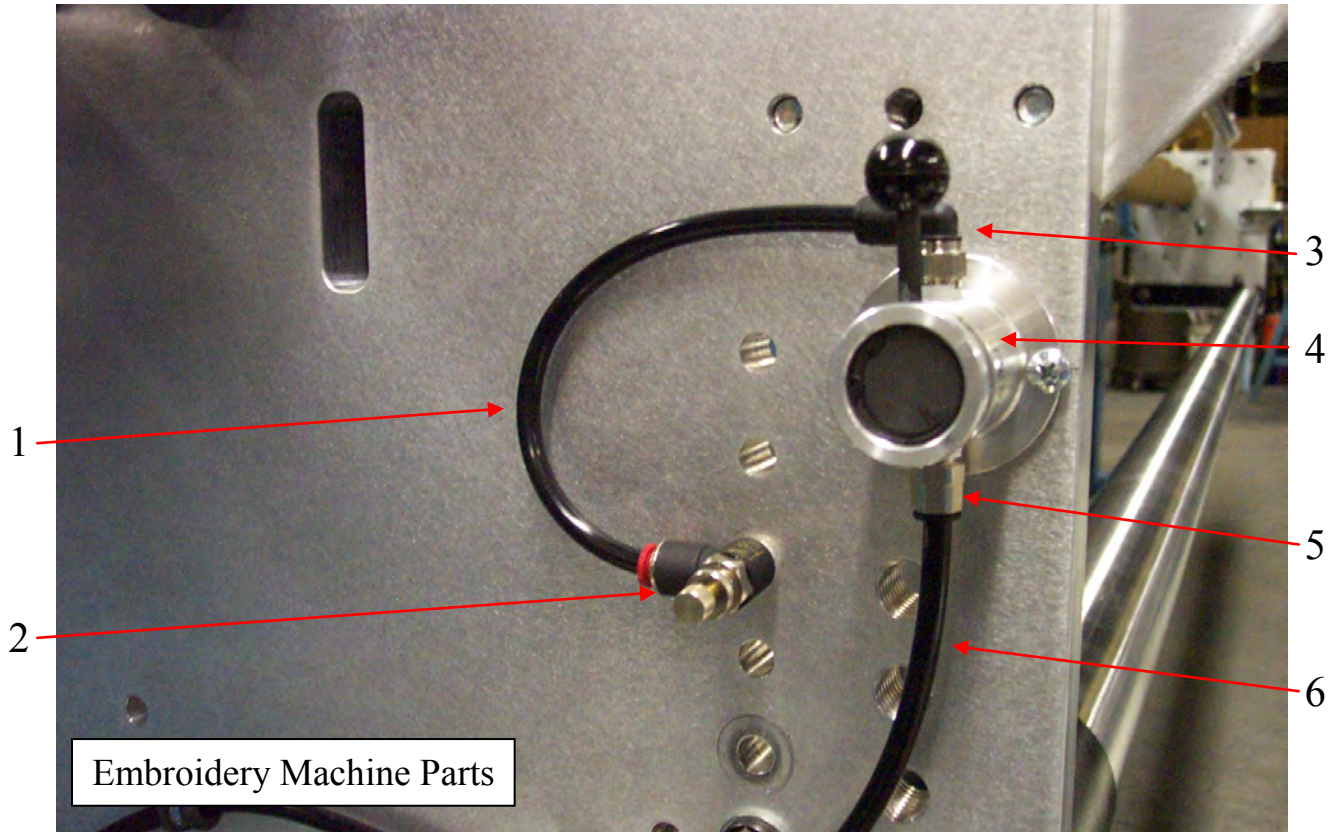
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Pneumatic components used only on machines 90" and over in length

Item #	Part #	Description
1	E614NT	1/4" Nylon Tubing, Specify Length
2	E610FCV	Flow Control Valve
3	E617-1/8x1/4L	1/8" x 1/4" 90 degree instant fitting
4	E609PV	Pneumatic Valve
5	E618-1/8x1/4ST	Instant fitting
6	E614NT	1/4" Nylon Tubing
7		
8		
9		
10		

Order Parts by Part #, not Item # .

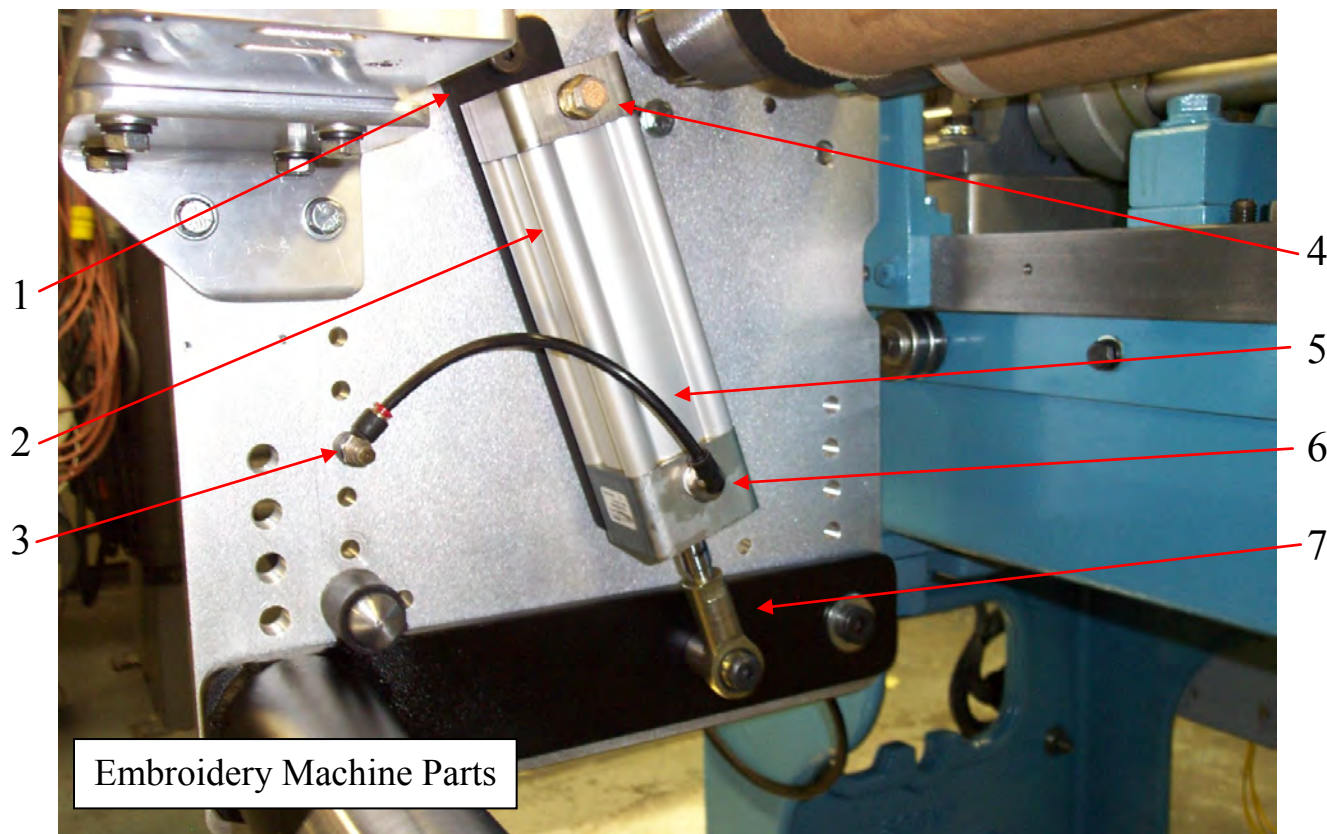
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Pneumatic components used only on machines 90" and over in length

Item #	Part #	Description
1	E612CMP	Pneumatic Cylinder Mounting Plate
2	E612PC	Pneumatic Cylinder
3	E610FCV	Flow Control Valve
4	E613-3/8EF	Exhaust Filter
5	E614NT	1/4" Nylon Tubing, Specify Length
6	E615-3/8x1/4L	90 degree instant fitting
7	E616RE	Rod End for Pneumatic Cylinder
8		
9		
10		

Order Parts by Part #, not Item # .

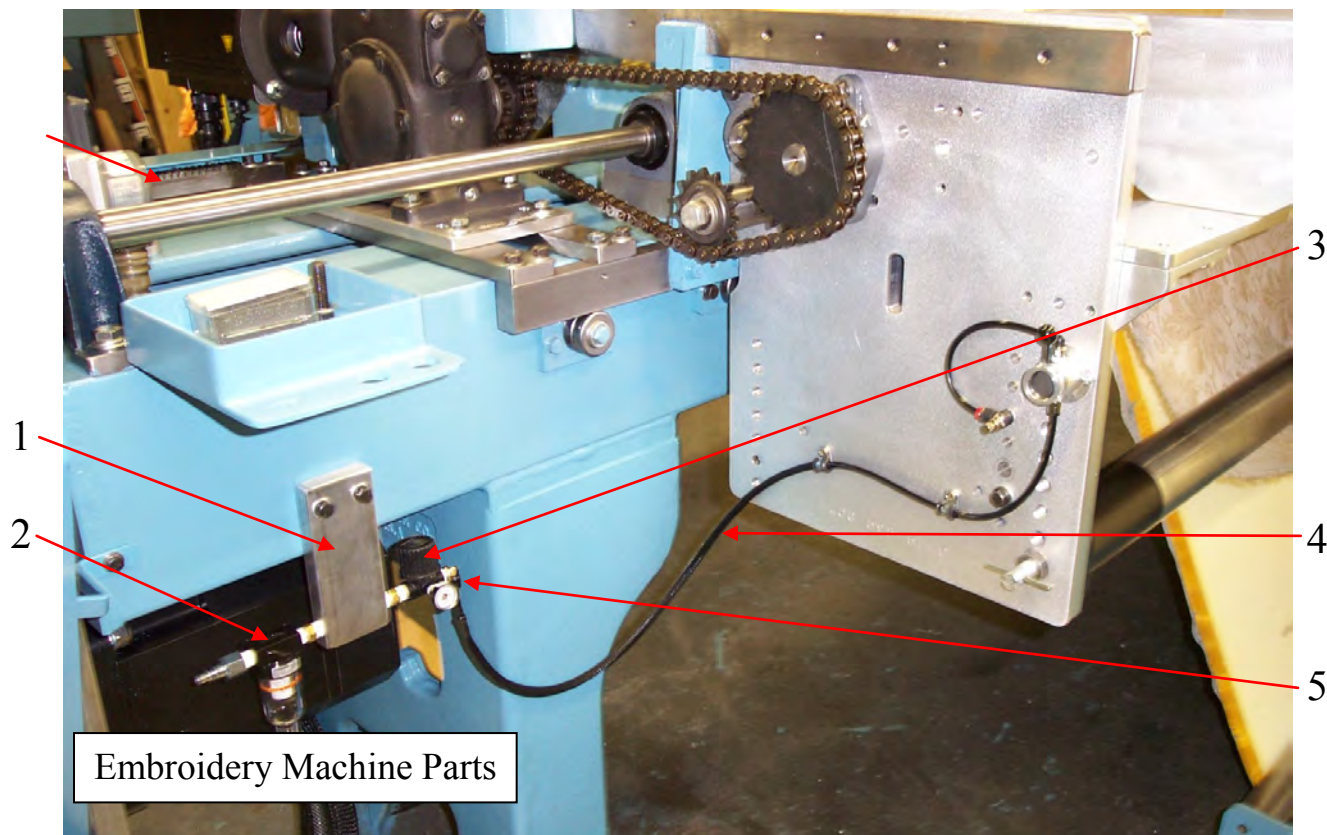
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Pneumatic components used only on machines 90" and over in length

Item #	Part #	Description
1	E611CMP	Manifold
2	E610F	1/4" Inlet Filter
3	E610R	1/4" Pneumatic Regulator
4	E614NT	1/4" Nylon Tubing, Specify Length
5	E619-1/4x1/4L	90 Degree Instant Fitting
6		
7		
8		
9		
10		

Order Parts by Part #, not Item # .

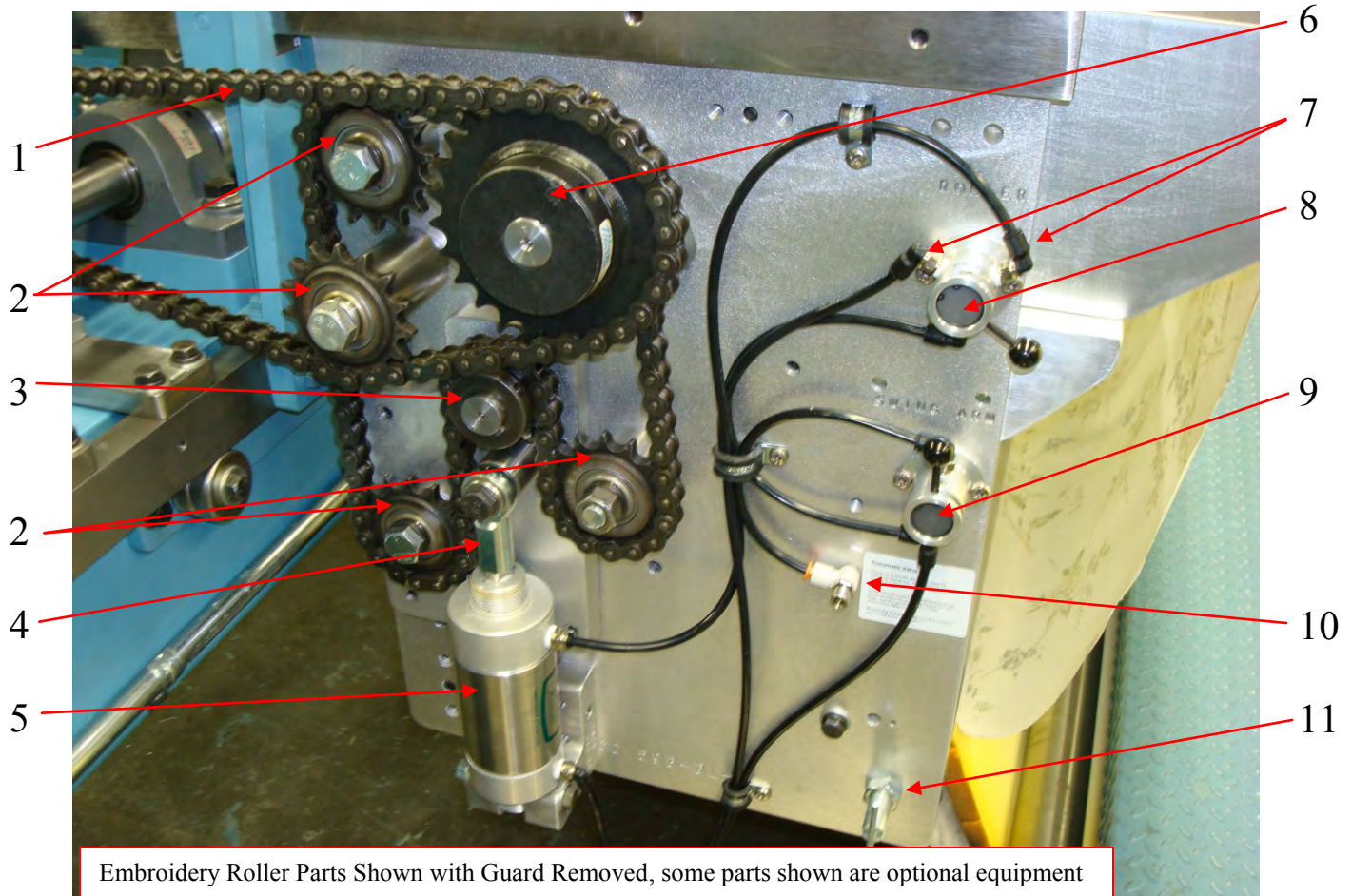
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	E607	#50 Roller Chain with Link, you must specify length
2	606-15B	15 Tooth Idler Sprocket, 5/8" ID Bore with bearing
3	606	Drive Sprocket, 1" Bore, 12 tooth
4	E616RE	Rod End for Pneumatic Cylinder
5	E612DAPC	Double Acting Pneumatic Cylinder
6	E605-25T	Driven Sprocket, 1" Bore, 25 tooth
7	E617-1/8x1/4L	90 degree instant fitting
8	E609PV3	3 Port, 4 Way Pneumatic Valve
9	E609PV2	2 port, 3 Way Pneumatic Valve
10	E610FCV	1/8" x 1/4" Flow Control Valve
11	E601	Takeup Roller Swing Arm Locking Pin

Order Parts by Part #, not Item # .

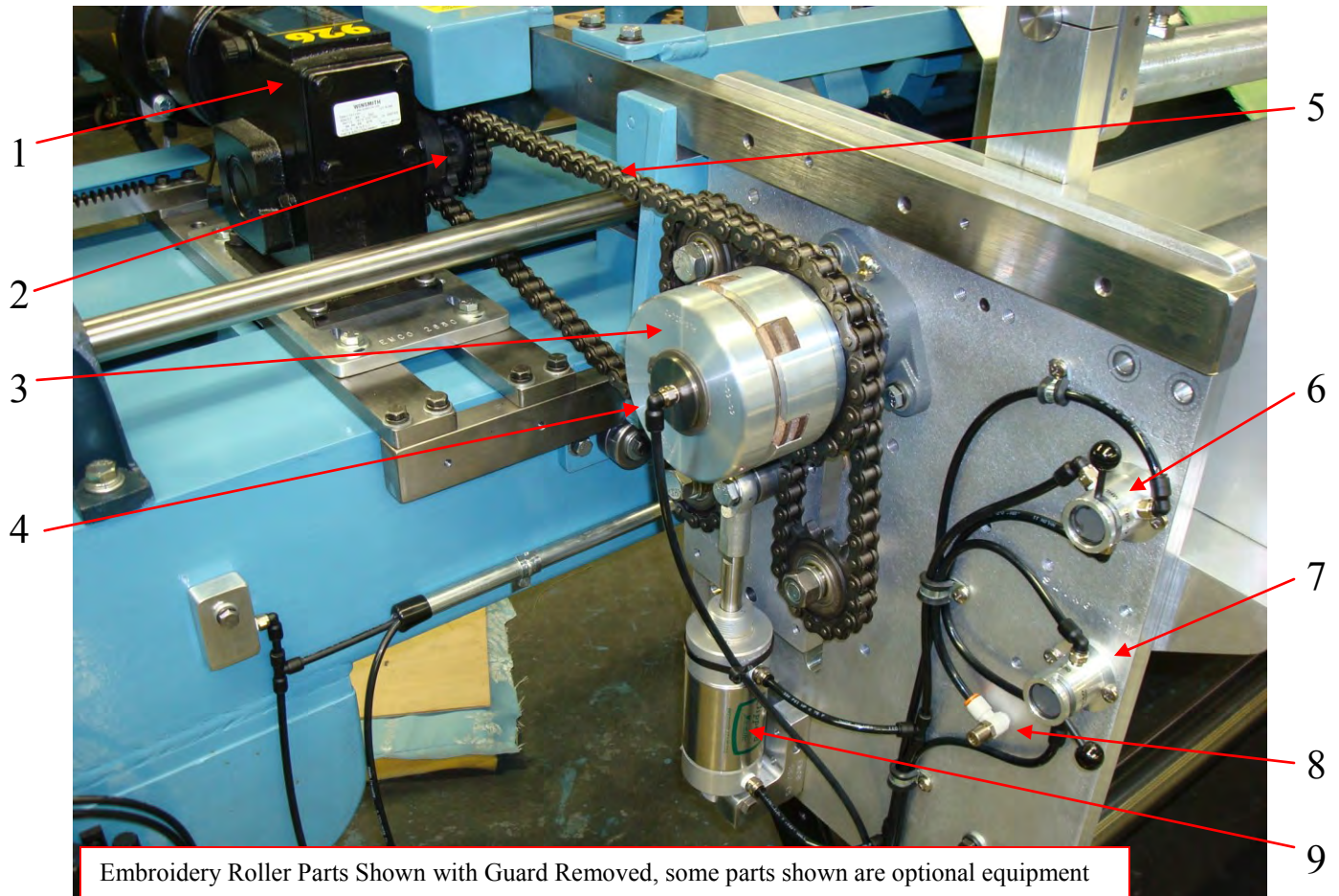
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	E926CD	Feed Roll Drive Gear Box
2	E600-16D	Embroidery Roller Drive Dual Sprocket
3	EC4D2H-STH	Optional, Pneumatic Drive Clutch Mounted on Sprocket
4	E617-1/8x1/4L	90 degree instant fitting
5	E607	#50 Roller Chain with Link, you must specify length of chain
6	E609PV3	3 Port, 4 Way Pneumatic Valve
7	E609PV2	2 port, 3 Way Pneumatic Valve
8	E610FCV	1/8" x 1/4" Flow Control Valve
9	E612DAPC	Double Acting Pneumatic Cylinder
10		

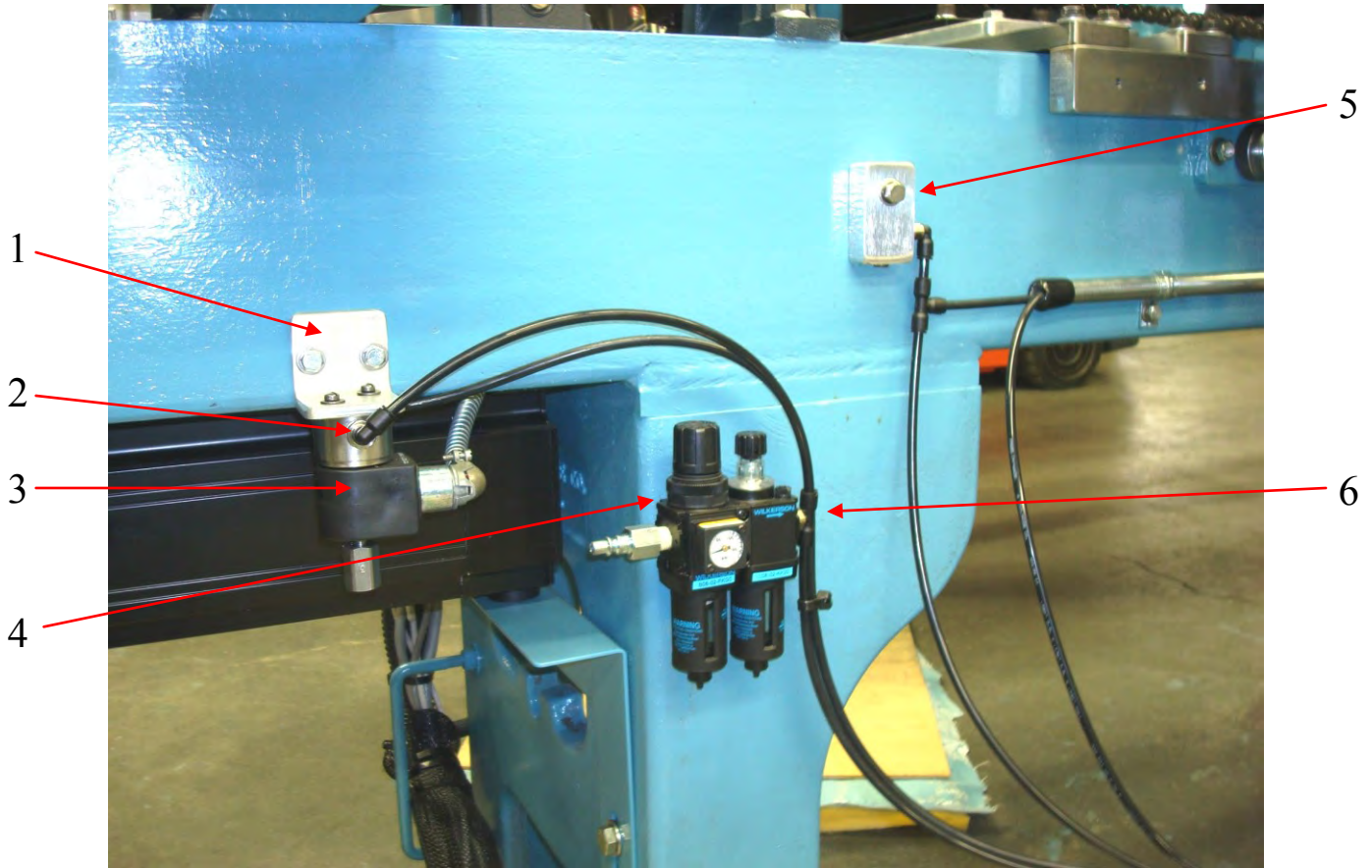
Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.
 phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	E610SVB	Mounting Bracket for Solenoid Valve
2	E619-1/4x1/4L	90 Degree Instant Fitting
3	E60024VSV	24 Volt DC Solenoid Valve
4	E610RFL	Combination Regulator, Filter and Lubricator
5	E610CMP	Optional Spare Manifold
6	E610-1/4NPTx1/4x1/4	1/4" NPT x 1/4" x 1/4" Instant Tee Fitting
7		
8		
9		
10		

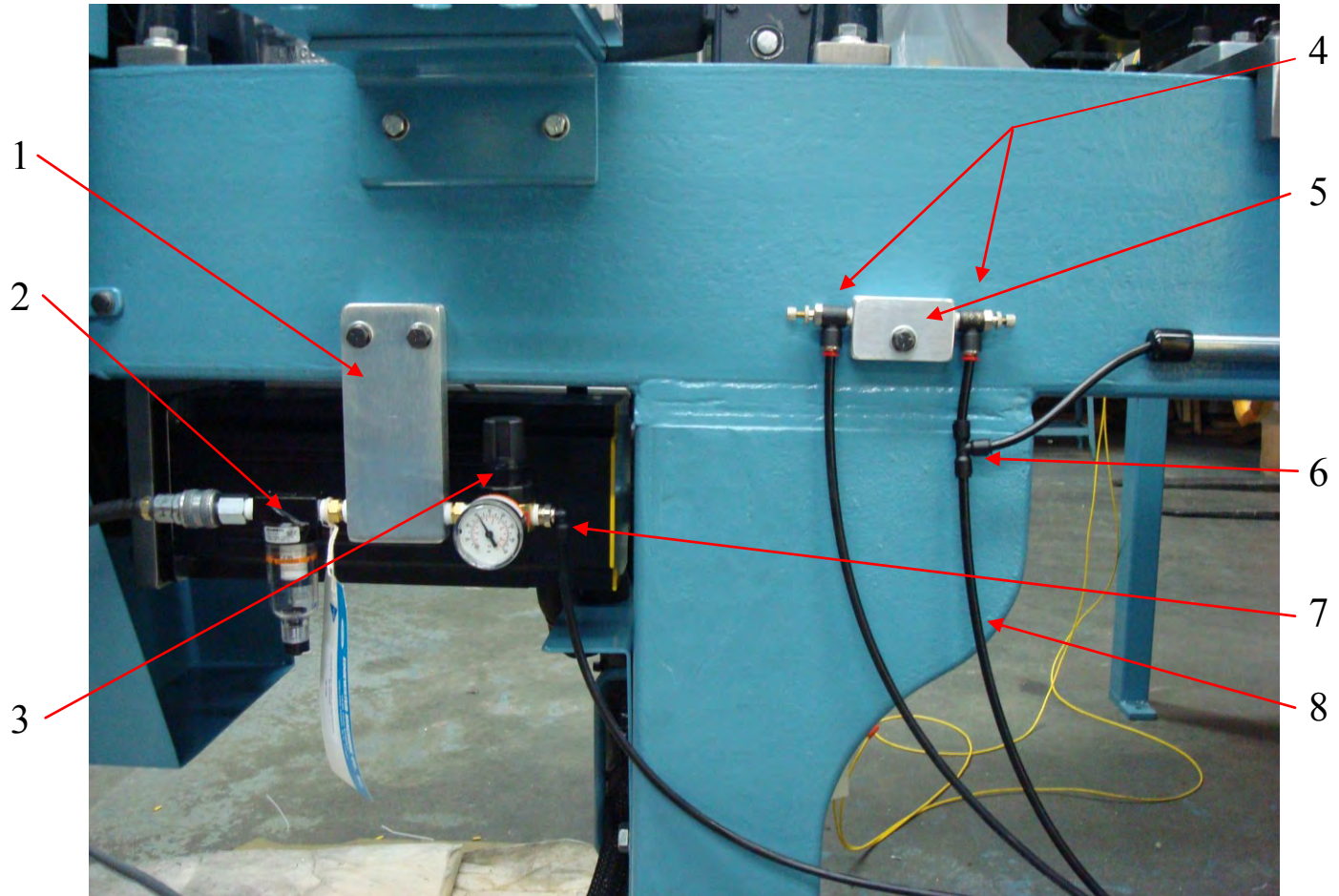
Order Parts by Part #, not Item # .
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	E611RM	Regulator Manifold
2	E610F	1/4" Inlet Filter
3	E610R	1/4" Pneumatic Regulator
4	E610FCV	Flow Control Valve
5	E611FCM	Flow Control Manifold
6	E615T	1/4" x 1/4" x 1/4" "T"
7	E615-1/4x1/4L	1/4" x 1/4" 90 degree instant fitting
8	E614NT	1/4" Nylon Tubing, Specify Length
9		
10		

Order Parts by Part #, not Item # .

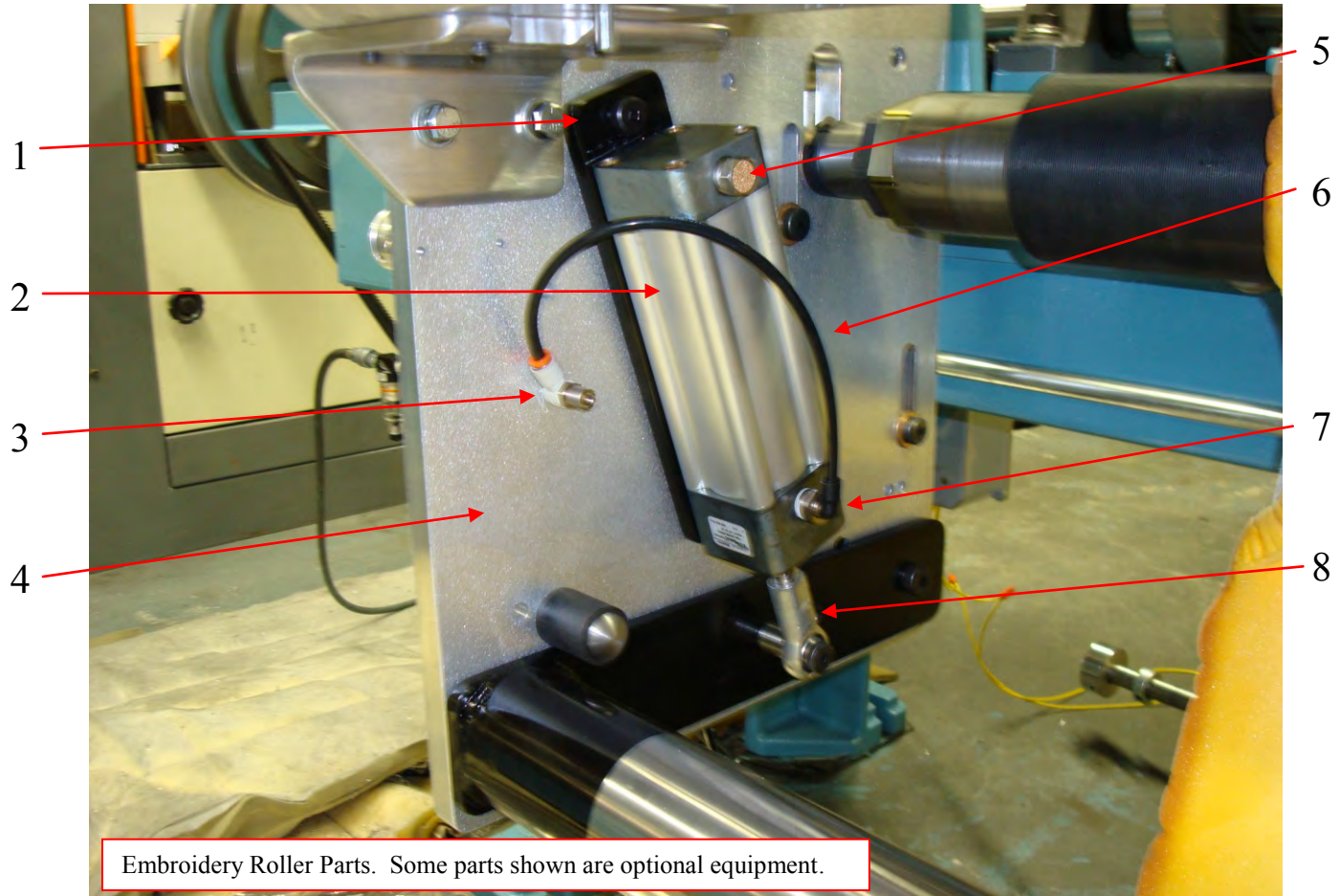
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	E612CMP	Pneumatic Cylinder Mounting Plate
2	E612PC	Pneumatic Cylinder
3	E610FCV	Flow Control Valve
4	598-8-LP	Embroidery Roller Attachment Mounting Plate
5	E613-3/8EF	3/8" Exhaust Filter
6	E614NT	1/4" Nylon Tubing, Specify Length
7	E615-3/8x1/4L	90 degree instant fitting
8	E616RE	Rod End for Pneumatic Cylinder
9		
10		

Order Parts by Part #, not Item # .

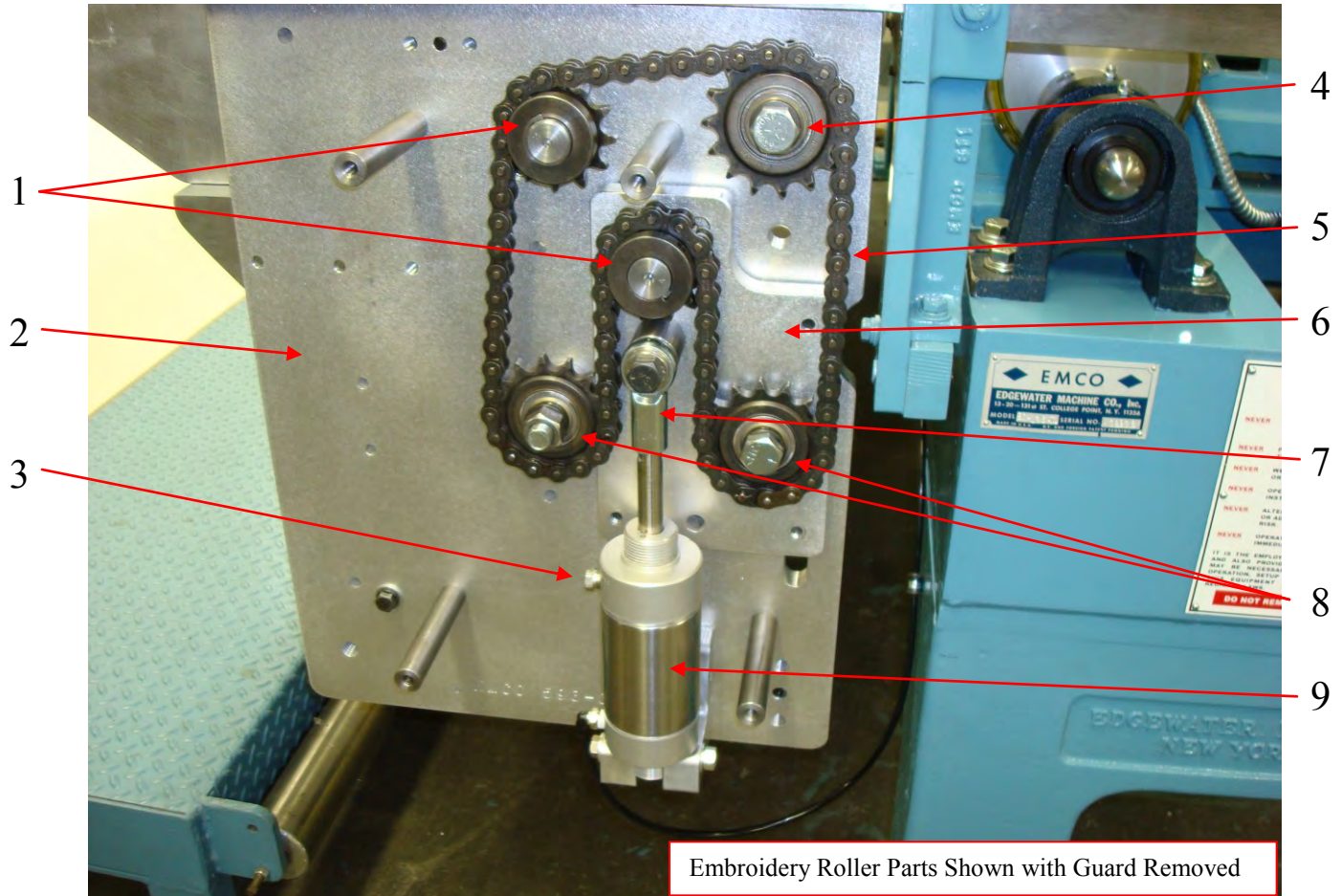
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	606	Drive Sprocket, 1" Bore, 12 tooth
2	598-8-RP	Embroidery Roller Attachment Mounting Plate
3	E613-1/4EF	1/4" Exhaust Filter
4	606-15B	15 Tooth Idler Sprocket, 5/8" ID Bore with bearing
5	E607	#50 Roller Chain with Link, you must specify length
6	598-MP	Movable Mounting Plate for Embroidery Roller
7	E616RE	Rod End for Pneumatic Cylinder
8	606-15B	15 Tooth Idler Sprocket, 5/8" ID Bore with bearing
9	E612DAPC	Double Acting Pneumatic Cylinder
10		

Order Parts by Part #, not Item # .

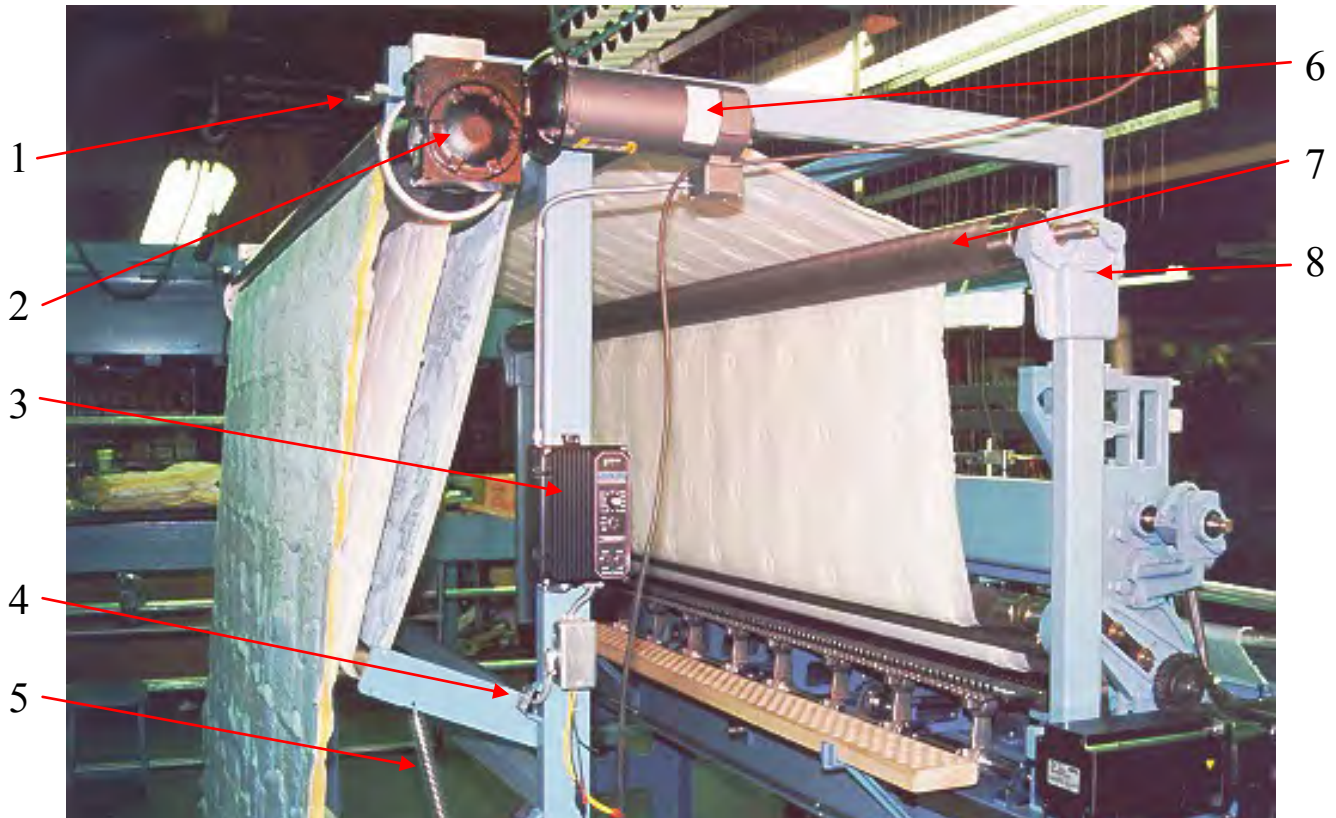
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Embroidery Machine Motorized Back Stand Complete with Dancer Roller

Item #	Part #	Description
1	2602	Weight Roller Tensioning Knob
2	9600A	Back Stand Gear Box
3	2500A	D.C Drive Control Box, Set for Torque Mode
4	9600B	Limit Switch
5	9600C	Tension Spring for Dancer Roller
6	2500H	1/2 H.P. D.C. Motor
7	2514	4" Top Following Roller on Quilting Machine Carriage
8	924	Support Bracket for Top Following Roller
9		
10		

Order Parts by Part #, not Item # .

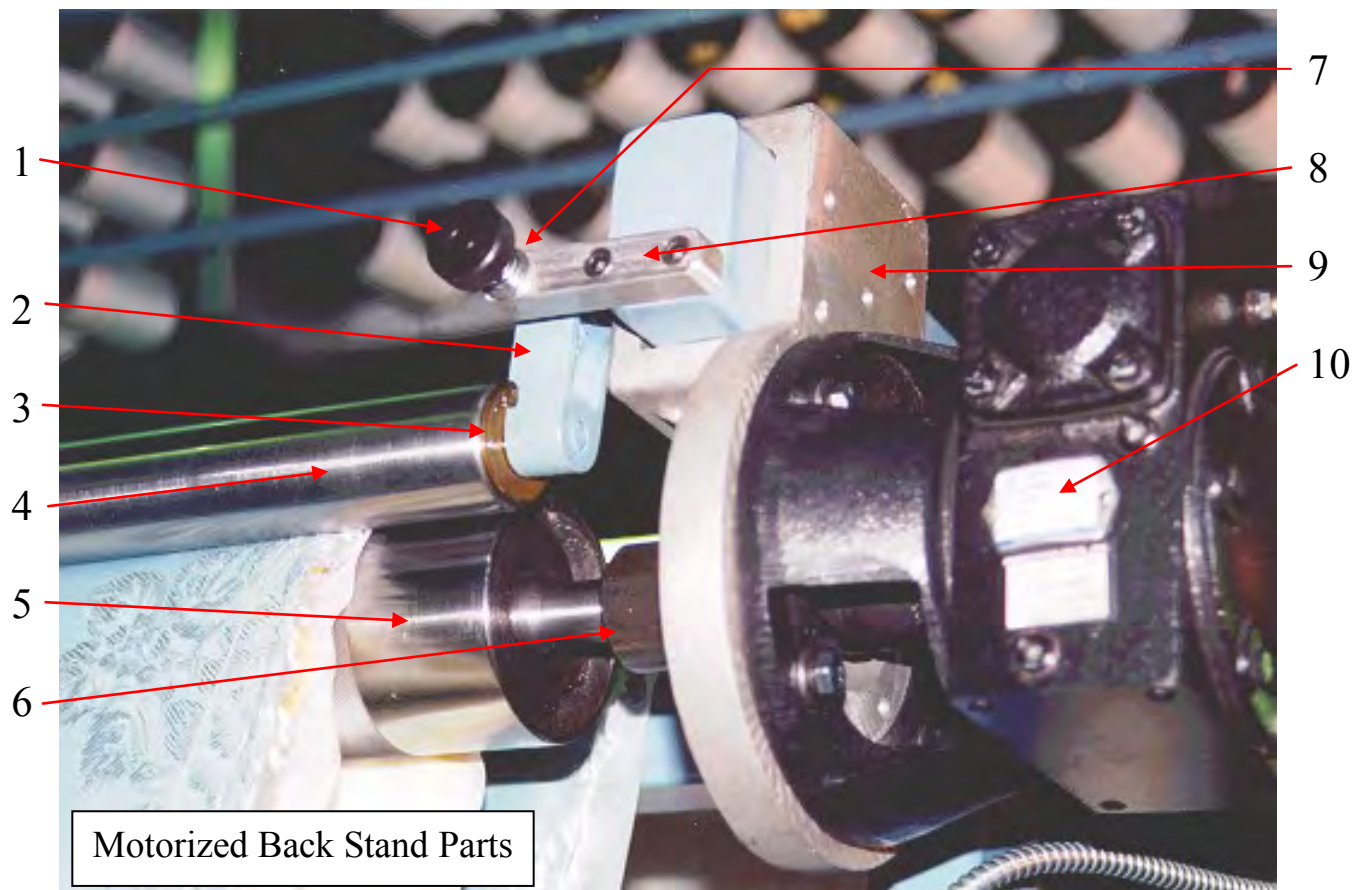
Always include Model # and Serial # of machine when ordering parts.

Emco Lockstitch Part Listing

Edgewater Machine Company, Inc.

13-20 131st Street, College Point, New York 11356 U.S.A.

phone: 718-539-8200 fax: 718-358-4648 email: info@edgewatermachine.com



Item #	Part #	Description
1	2602	Weight Roller Tensioning Knob
2	2510	Weight Roller Swing Arm
3	2516W	Bronze Spacer Washer
4	2516	2" Pressure Roller, specify dimensions
5	2514	4" Knurled Driven Roller, specify dimensions
6	926	1" x 1" Universal Joint
7	2604	Tension Knob Retaining Spring
8	2603	Tension Knob Mounting Arm
9	842	Gear Box Mounting Bracket
10	9600A	Back Stand Gear Box

Order Parts by Part #, not Item # .

Always include Model # and Serial # of machine when ordering parts.

TORQUE CONTROLLED
PENTA DRIVE WITH
ON/OFF LINE SWITCH



EDGEWATER MACHINE CO., INC.

13-20 131st STREET

COLLEGE POINT, NY 11358 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4648

Email: info@edgewatermachine.com

DRAWING TITLE:

Penta Drive with Line Switch

SCALE:	TOLERANCE: (INCHES)	X.XX	±0.01
	(UNLESS		

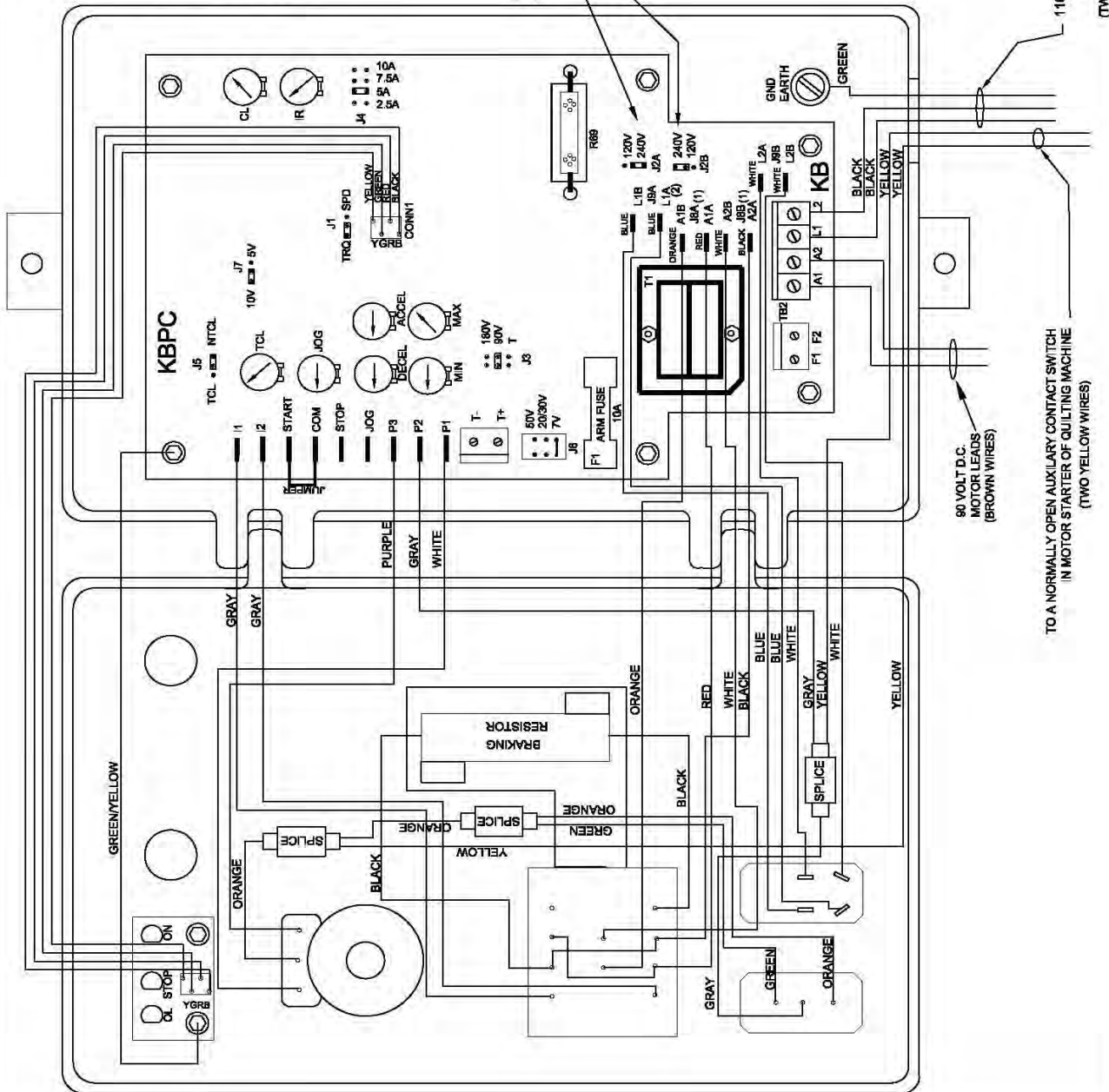
NONE	UNLESS OTHERWISE SPECIFIED	X.XXX ±0.005 ANGLE ±1°

DATE:	DRAWN BY:	CHECKED BY:
-------	-----------	-------------

01/22/01	Roy S.
----------	--------

REV. DATE:	FILE NAME:
------------	------------

01/17/05	Penta Drive with Line Switch
----------	------------------------------



**TORQUE CONTROLLED
PENTA DRIVE WITH
ON/OFF LINE SWITCH**



13-20 131st STREET
COLLEGE POINT, NY 11356 U.S.A.
Phone: 718-539-8200 Fax: 718-358-4611
Email: info@edgewatarmachine.com

Penta Drive with Line Switch

NONE

DATE:	10/03/07	DRAWN BY:	Rev S.	CHECKED BY:
-------	----------	-----------	--------	-------------

10/02/07	Penta Drive with Line Switch
----------	------------------------------

