

# Edgewater Machine Company Inc.

Designers and Manufacturers  
of Special Machinery

## **The Emco 9000-3 Parts Manual** Version 03.16



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



**Edgewater Machine Company Inc.**

## **Parts Manual Notice:**

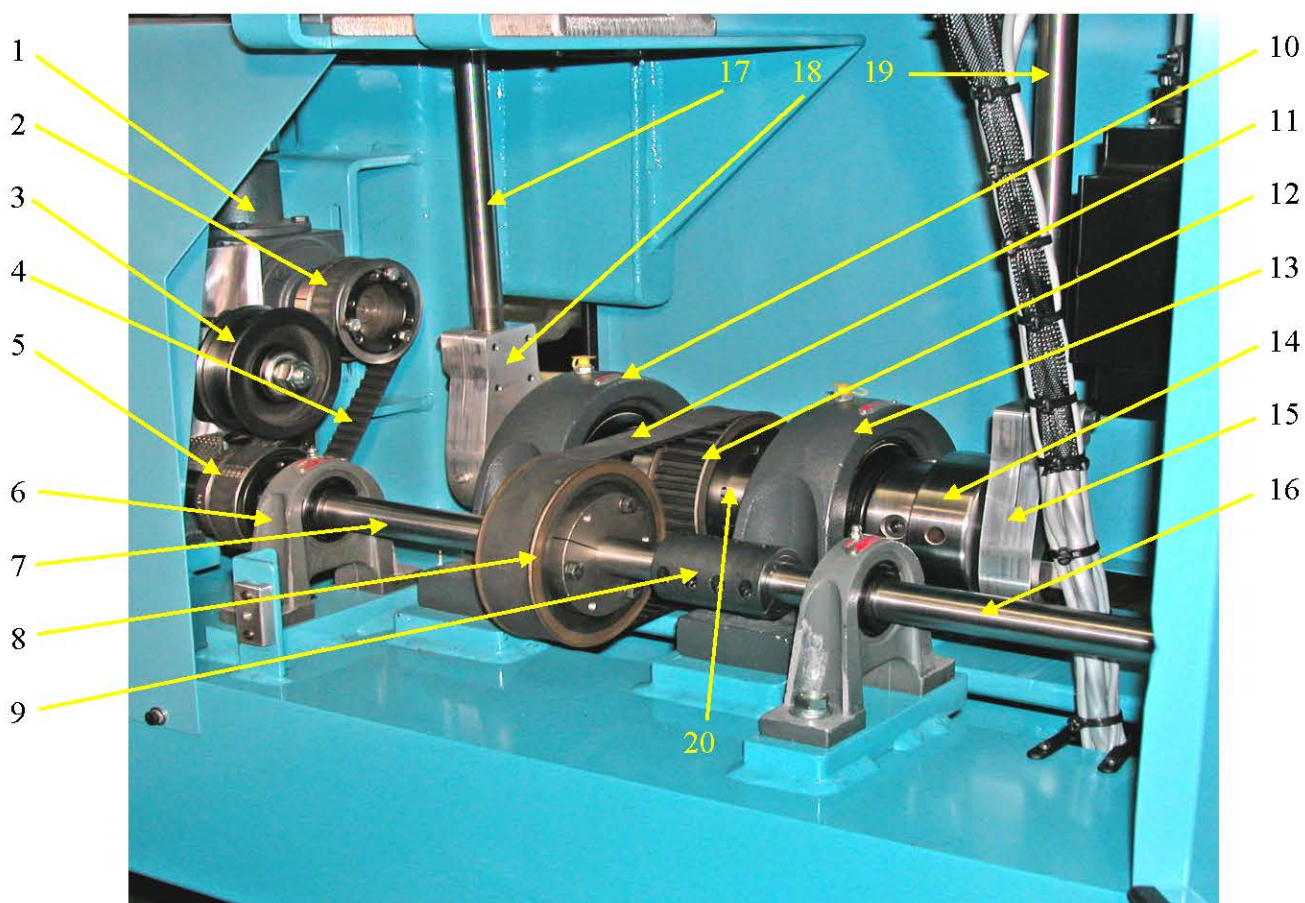
Emco products should be used only for the purpose and in the manner intended by their original design. It is recommended that no modifications be made to this product. Any modification of this product will void any expressed or implied warranty and will hold the user responsible.

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.

# Emco 9000 Series Chainstitch Part Listing

Edgewater Machine Company, Inc.



| Item # | Part #          | Description                                                      |
|--------|-----------------|------------------------------------------------------------------|
| 1      | CH165HC         | Looper and Spreader Frame Gear Box                               |
| 2      | CH30L100x1      | Gear Box Timing Pulley with 1" bore bushing                      |
| 3      | CH164           | Gear Box Timing Belt Tensioner Pulley                            |
| 4      | CH270L100       | Gear Box Timing Belt, 1" wide                                    |
| 5      | CH30L100x1.3/16 | Gear Box Timing Pulley, 1.3/16" Shaft Bushing                    |
| 6      | CHS828M         | Drive Shaft Pillow Block Bearing, 1.3/16"                        |
| 7      | CH1046A&B       | Drive Shaft, 2 pcs., specify length of each, 1.3/16" with keyway |
| 8      | CH1045-2        | Drive Shaft Timing Pulley with 1.3/16" Bushing                   |
| 9      | CH1046C         | Drive Shaft Coupling, 1.3/16", keyed                             |
| 10     | CHMPD48         | Main Shaft Pillow Block Bearing, 3"                              |
| 11     | CH330H200       | Main Shaft Timing Belt, 2" Wide                                  |
| 12     | CH1044-2        | Main Shaft Timing Pulley with 3" Bore                            |
| 13     | CHMPD48         | Main Shaft Pillow Block Bearing, 3"                              |
| 14     | CH86-1-94       | Needles Crank Drive Eccentric                                    |

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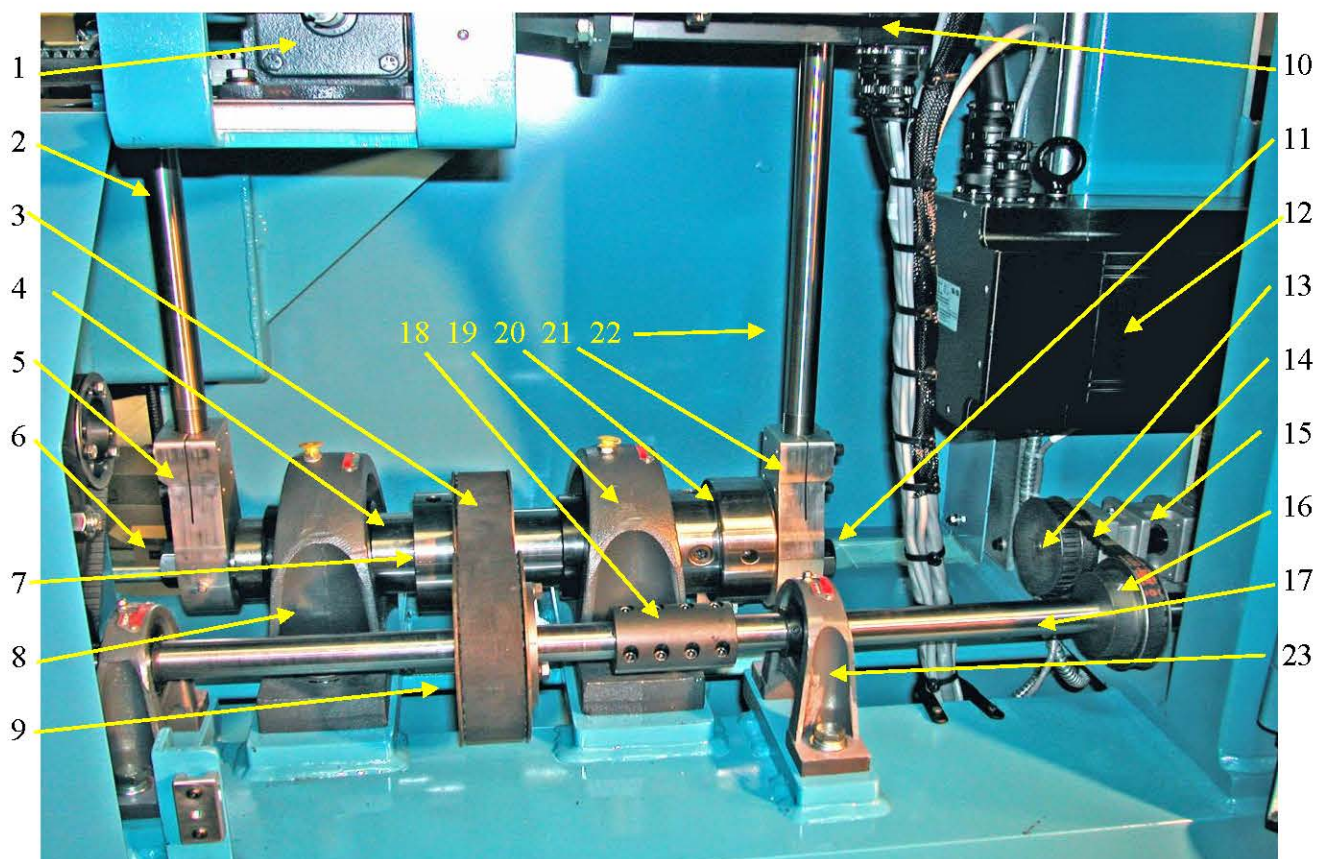
| <b>Item #</b> | <b>Part #</b>        | <b>Description</b>                                               |
|---------------|----------------------|------------------------------------------------------------------|
| 15            | <b>CH83-L</b>        | Needle Drive Lower Drive Link, LH Thread                         |
| 16            | <b>CH1046A&amp;B</b> | Drive Shaft, 2 pcs., specify length of each, 1.3/16" with keyway |
| 17            | <b>CH68</b>          | Presser Foot Drive Connecting Rod, 22.3/4" long, 1"-14 Thread    |
| 18            | <b>CH83-L</b>        | Presser Foot Lower Drive Link, LH Thread                         |
| 19            | <b>CH67</b>          | Needles Drive Connecting Rod, 27" long, 1"-14                    |
| 20            | <b>CH1043</b>        | Main Shaft, 3" Dia. x 15" long, with tapped hole for PF Drive    |
|               |                      |                                                                  |
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Edgewater Machine Company, Inc.



| Item # | Part #          | Description                                                   |
|--------|-----------------|---------------------------------------------------------------|
| 1      | CH181HC         | Carriage Gear Box                                             |
| 2      | CH68            | Presser Foot Drive Connecting Rod, 22.3/4" long, 1"-14        |
| 3      | CH330H200       | Main Shaft Timing Belt, 2" wide                               |
| 4      | CH1043          | Main Shaft, 3" Dia. x 15" long, with tapped hole for PF Drive |
| 5      | CH83-L          | Lower LH Presser Foot Connecting Rod Link                     |
| 6      | CH89 / CH89SW   | Shoulder Bolt – 24mm. / Step washer for bolt                  |
| 7      | CH1044-2        | Main Shaft timing Pulley, 3" Bore                             |
| 8      | CHMPD48         | Main Shaft Pillow Blocks, 3", (2)                             |
| 9      | CH1045-2        | Drive Shaft Timing Pulley, 1.3/16" Bushing                    |
| 10     | MPM1141-FRME-AM | Carriage Servo Motor                                          |
| 11     | CH89 / CH89SW   | Shoulder Bolt – 24mm. / Step washer for bolt                  |
| 12     | MPM1901-FRM-832 | Main Shaft Servo Motor                                        |
| 13     | CH30L050x1/2    | Encoder Timing Pulley, 1/2" Bore                              |
| 14     | CH225L050       | Encoder Timing Belt                                           |

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**Edgewater Machine Company, Inc.**

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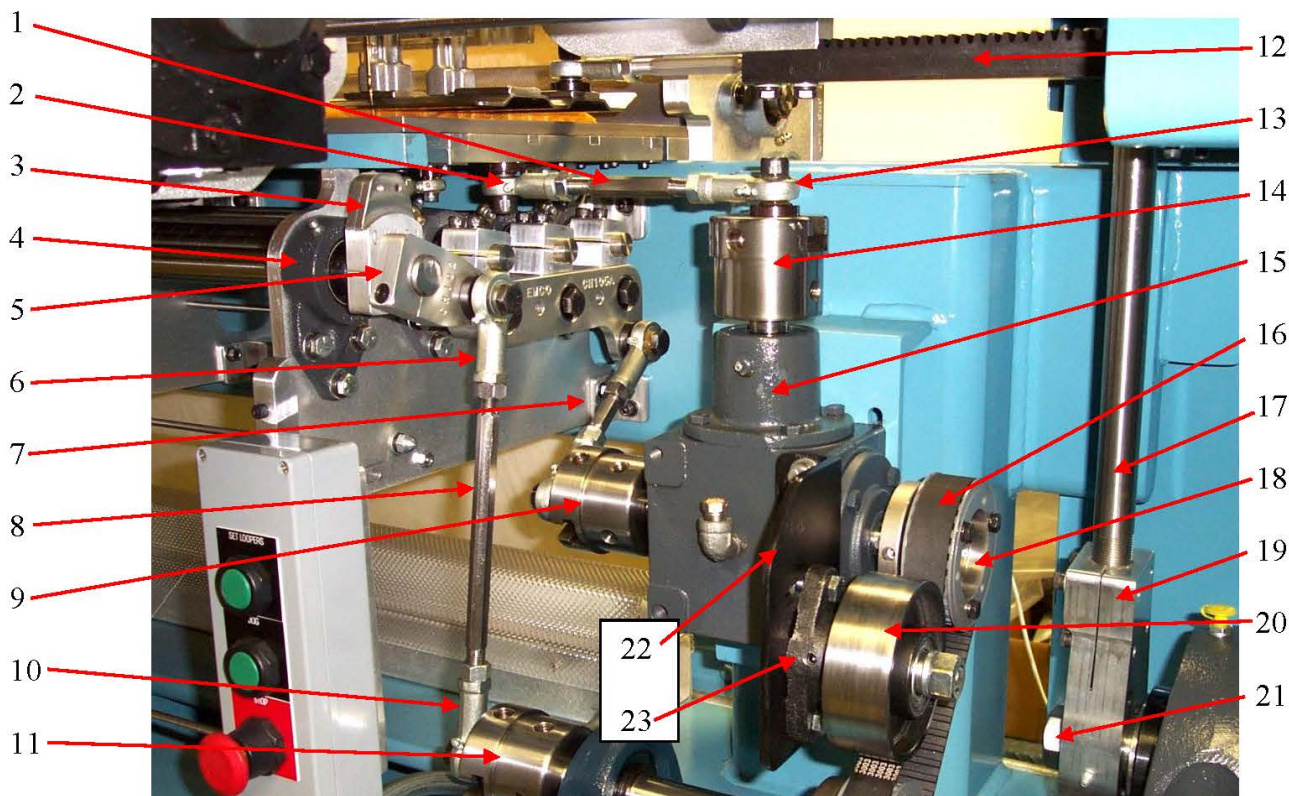
| <b>Item #</b> | <b>Part #</b>          | <b>Description</b>                                               |
|---------------|------------------------|------------------------------------------------------------------|
| 15            | <b>CH1181</b>          | Encoder Mounting Bracket                                         |
| 16            | <b>CH30L050x1.3/16</b> | Encoder Timing Pulley, 1.3/16" Bore                              |
| 17            | <b>CH1046A&amp;B</b>   | Drive Shaft, 2 pcs., specify length of each, 1.3/16" with keyway |
| 18            | <b>CH1046C</b>         | Drive Shaft Coupling, 1.3/16", keyed                             |
| 19            | <b>CHMPD48</b>         | Main Shaft Pillow Blocks, 3", (2)                                |
| 20            | <b>CH86-1-94</b>       | Needles Crank Drive Eccentric                                    |
| 21            | <b>CH83-L</b>          | Lower L.H. Needles Connecting Rod Link                           |
| 22            | <b>CH67</b>            | Needles Drive Connecting Rod, 27" long, 1"-14                    |
| 23            | <b>CHS828M</b>         | Drive Shaft Pillow Block Bearing, 1.3/16"                        |
|               |                        |                                                                  |
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# Emco 9000 Series Chainstitch Part Listing

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| Item # | Part #         | Description                                                       |
|--------|----------------|-------------------------------------------------------------------|
| 1      | CH123          | Spreader Frame Connecting Rod, Left /Right Motion, 12mm x 6" long |
| 2      | CH-BRF12       | Spreader Frame 12mm Rod End, specify LH or RH Thread              |
| 3      | CH101          | Spreader Frame Secondary Drive Lever, for Forward & Back          |
| 4      | CHFB16         | 1", Three Bolt Flange Bearing                                     |
| 5      | CH102          | Spreader Frame Primary Drive Lever, for Forward & Back            |
| 6      | CH-BRF1/2-20RH | 1/2-20 Rod End, RH                                                |
| 7      | CH106NT        | Looper Shaft Connecting Rod Complete with Rod Ends                |
| 8      | CH107          | Spreader Frame Forward & Back Connecting Rod, 1/2-20x9.5          |
| 9      | CH86-2-93      | Looper Drive Crank Eccentric                                      |
| 10     | CH-BRF1/2-20LH | 1/2-20 Rod End, LH                                                |
| 11     | CH86-2-93      | Spreader Frame Drive Forward and Back Crank Eccentric             |
| 12     | CHNSR10x1      | Carriage Rack Gear, 16" long                                      |
| 13     | CH-BRF12       | Spreader Frame 12mm Rod End, specify LH or RH Thread              |
| 14     | CH86-2-93      | Spreader Frame Drive Left/Right Crank Eccentric                   |

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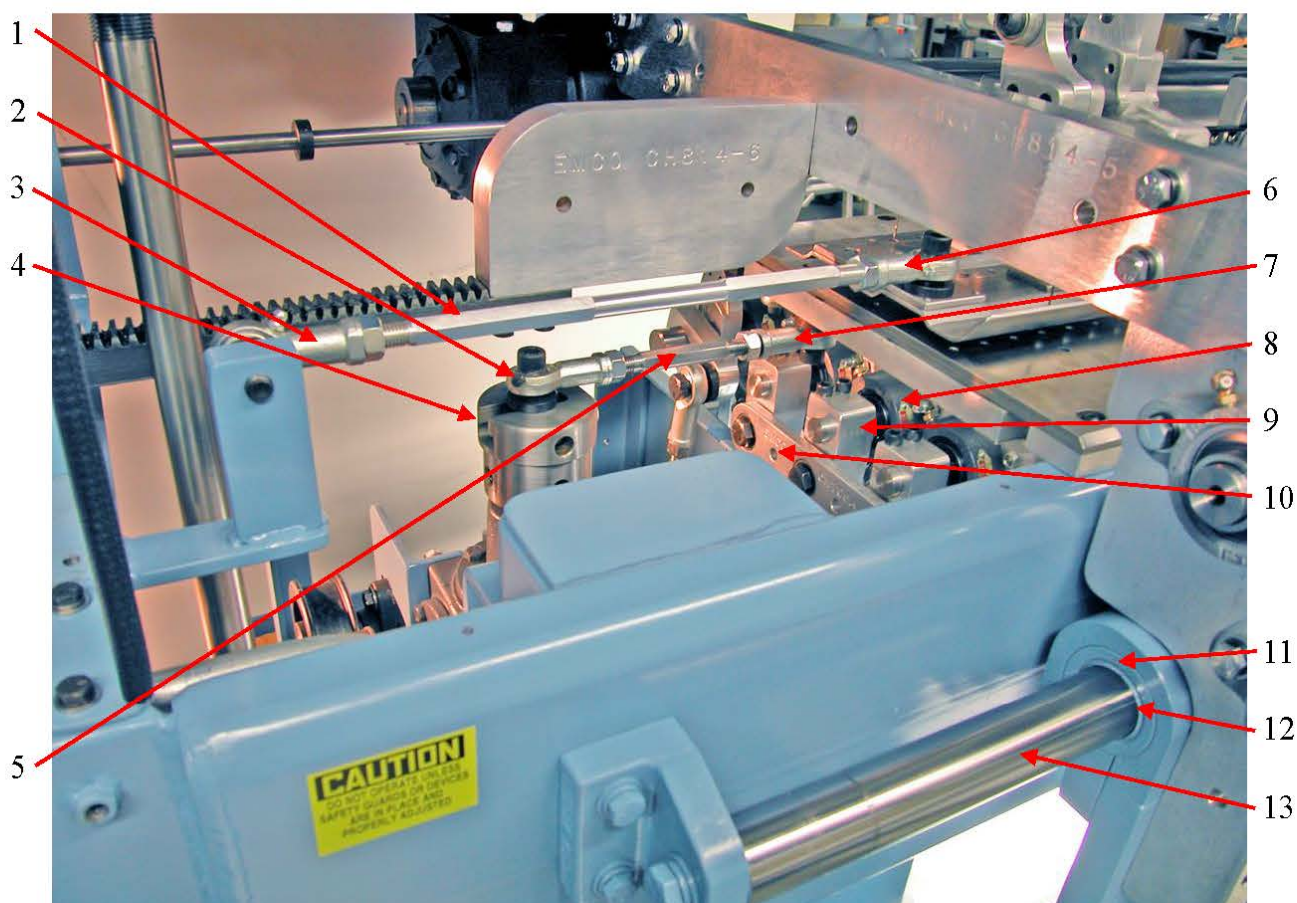
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| <b>Item #</b> | <b>Part #</b>        | <b>Description</b>                                         |
|---------------|----------------------|------------------------------------------------------------|
| 15            | <b>CH165HC</b>       | Spreader Frame and Looper Shaft Gear Box                   |
| 16            | <b>CH270L100</b>     | Spreader Frame and Looper Gear Box Timing Belt, 1" Wide    |
| 17            | <b>CH68</b>          | Presser Foot Drive Connecting Rod, 22.3/4" long, 1"-14     |
| 18            | <b>CH30L100x1</b>    | Spreader Frame & Looper Gear Box Timing Pulley, 1" Bushing |
| 19            | <b>CH83L</b>         | Presser Foot Lower Drive Link, LH Thread                   |
| 20            | <b>CH164A</b>        | Gear Box Timing Belt Tensioner Pulley                      |
| 21            | <b>CH89 / CH89SW</b> | Shoulder Bolt, 24mm. / Step Washer for Shoulder Bolt       |
| 22            | <b>CH164B</b>        | Belt Tensioner Mounting Angle                              |
| 23            | <b>CH164C</b>        | Belt Tensioner Mount with Spindle                          |
|               |                      |                                                            |
|               |                      |                                                            |
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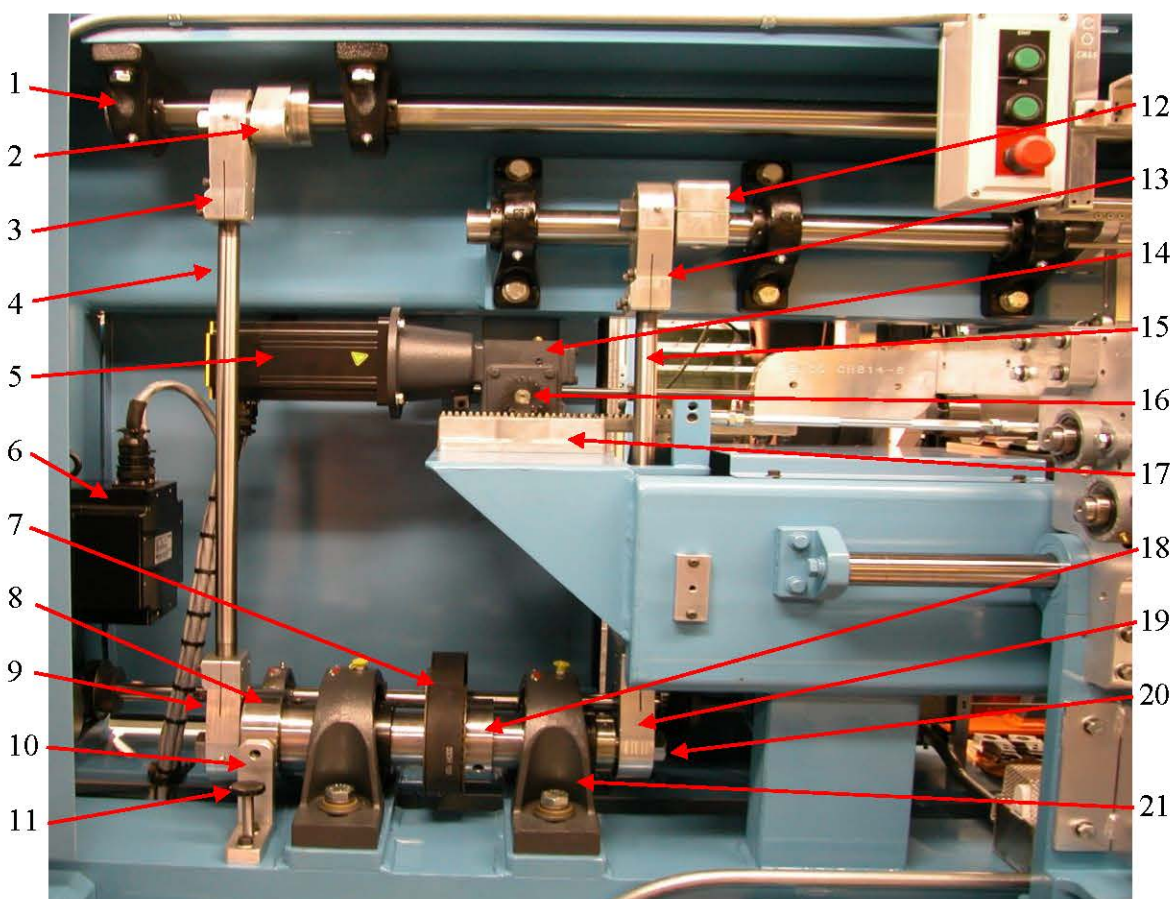
| Item # | Part #    | Description                                                  |
|--------|-----------|--------------------------------------------------------------|
| 1      | CH69SR-P  | Presser Foot Left/Right Stabilizing Rod, 12mm x 12.3/4" long |
| 2      | CH-BRF12  | Spreader Frame 12mm Rod End, specify LH or RH Thread         |
| 3      | CH-BRF12  | 12mm Rod End, specify LH or RH Thread                        |
| 4      | CH86-2-93 | Spreader Frame Drive Crank Eccentric, Left & Right Motion    |
| 5      | CH123     | Spreader Frame Connecting Rod, L & R, 12mm x 6" long         |
| 6      | CH-BRF12  | 12mm Rod End, specify LH or RH Thread                        |
| 7      | CH-BRF12  | 12mm Rod End, specify LH or RH Thread                        |
| 8      | CHFB12    | 3/4" Three Bolt Flange Bearing                               |
| 9      | CH100     | Looper Shaft Drive Levers                                    |
| 10     | CH105A    | Looper Shaft Connecting Linkage Plate with three bearings    |
| 11     | CH820     | 1.1/2" Shaft Seal                                            |
| 12     | CH819     | 1.1/2" Linear Ball Bearing                                   |
| 13     | CH818-14  | 1.1/2" x 14" long Hardened Carriage Support Shaft            |
|        |           |                                                              |

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| Item # | Part #         | Description                                      |
|--------|----------------|--------------------------------------------------|
| 1      | CH-KC-55-2-1   | Upper Rocker Shaft Pillow Block Bearing, 2"      |
| 2      | CH63           | Needles Upper Rocker Shaft Drive Lever           |
| 3      | CH83-R         | Needles Connecting Rod Upper Drive Link, RH      |
| 4      | CH67           | Needles Drive Connecting Rod, 27" long, 1"-14    |
| 5      | MPM-FRME-AM    | Carriage Servo Motor                             |
| 6      | MPM1901FRM-832 | Main Shaft Servo Motor                           |
| 7      | CH330H200      | Main Shaft Timing Belt, 1.1/2" wide              |
| 8      | CH86-1-94      | Needle Drive Crank Eccentric                     |
| 9      | CH83-L         | Needles Connecting Rod Lower Drive Link, LH      |
| 10     | CH-LPMB        | Lock Pin Mounting Bracket for Main Shaft         |
| 11     | CH-LP          | Lock Pin for Main Shaft                          |
| 12     | CH63-93        | Quick Adjust Presser Foot Lever                  |
| 13     | CH83-R         | Presser Foot Connecting Rod Upper Drive Link, RH |
| 14     | CH181HC        | Carriage Gear Box                                |

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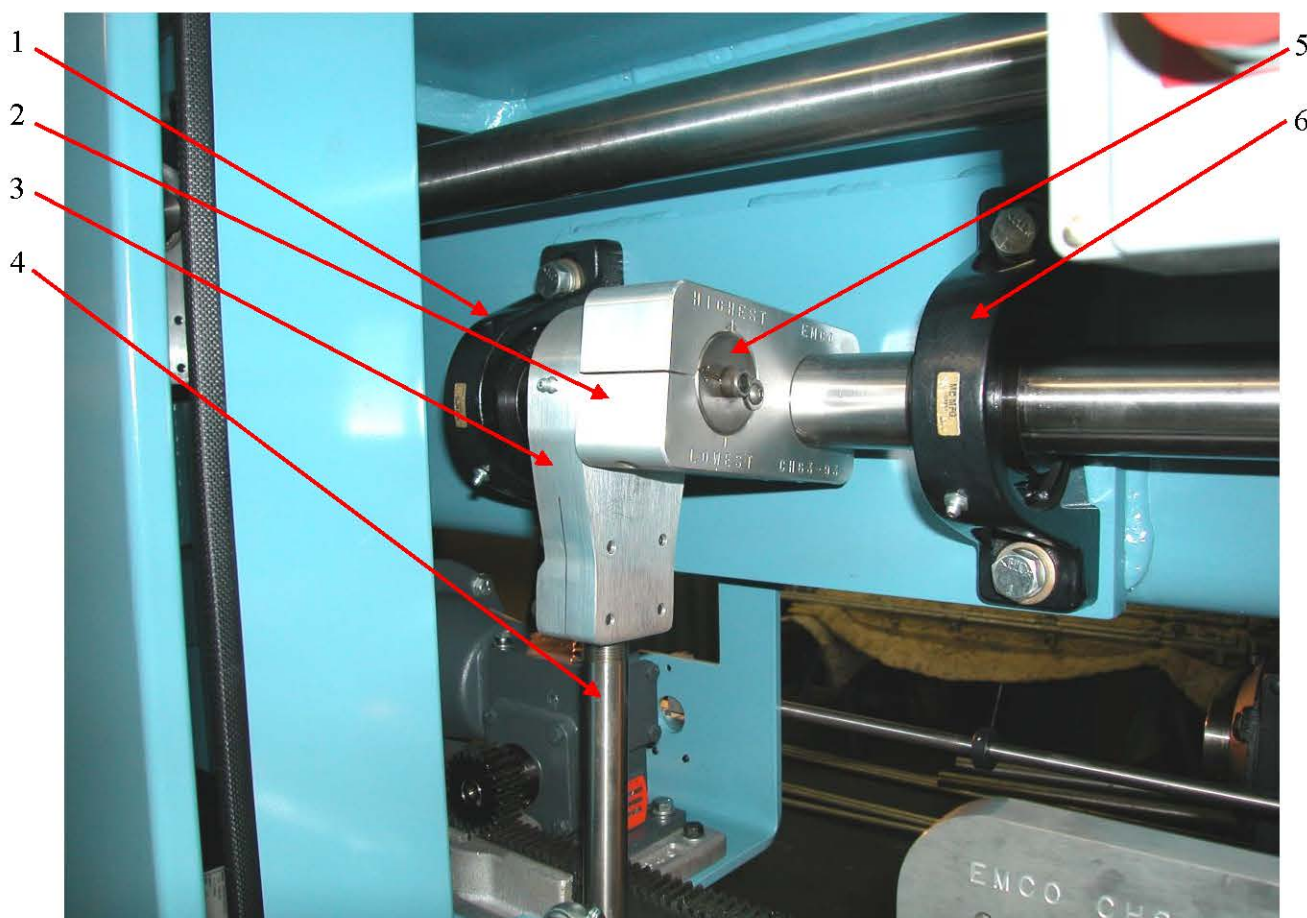
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| <b>Item #</b> | <b>Part #</b>        | <b>Description</b>                                     |
|---------------|----------------------|--------------------------------------------------------|
| 15            | <b>CH68</b>          | Presser Foot Drive Connecting Rod, 22.3/4" long, 1"-14 |
| 16            | <b>CHSS10F20</b>     | Carriage Gear Box Spur Gear, with 3/4" bore and keyway |
| 17            | <b>CH840</b>         | Carriage Gear Box and Rack Gear Mounting Plate         |
| 18            | <b>CH1044-2</b>      | Main Shaft Timing Pulley with 3" Bore                  |
| 19            | <b>CH83-L</b>        | Presser Foot Connecting Rod Lower Drive Link, LH       |
| 20            | <b>CH89 / CH89SW</b> | Shoulder Bolt, 24mm. / Step Washer for Shoulder Bolt   |
| 21            | <b>CHMPD48</b>       | Main Shaft Pillow Block Bearing, 3"                    |
|               |                      |                                                        |
|               |                      |                                                        |
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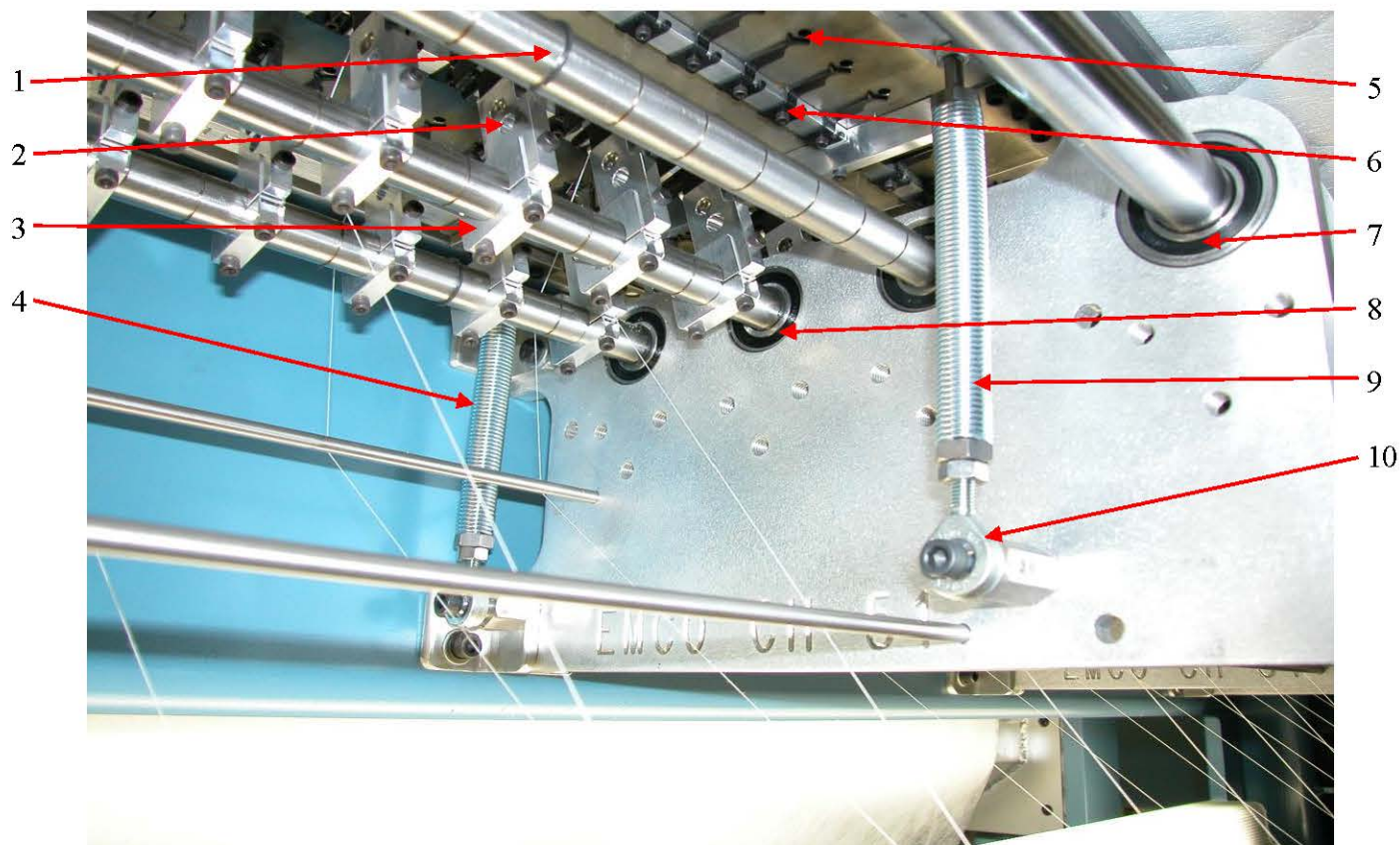
| Item # | Part #               | Description                                            |
|--------|----------------------|--------------------------------------------------------|
| 1      | <b>CH-KC-55-2-1</b>  | Upper Rocker Shaft Pillow Block Bearing, 2"            |
| 2      | <b>CH63-94</b>       | Presser Foot Quick Adjust Drive Lever                  |
| 3      | <b>CH83-R</b>        | Presser Foot Connecting Rod Upper Drive Link, RH       |
| 4      | <b>CH68</b>          | Presser Foot Drive Connecting Rod, 22.3/4" long, 1"-14 |
| 5      | <b>CH63-94-P-062</b> | Eccentric Plug for Presser Foot Quick Adjust Lever     |
| 6      | <b>CH-KC-55-2-1</b>  | Upper Rocker Shaft Pillow Block Bearing, 2"            |
| 7      |                      |                                                        |
| 8      |                      |                                                        |
| 9      |                      |                                                        |
| 10     |                      |                                                        |
| 11     |                      |                                                        |
| 12     |                      |                                                        |
| 13     |                      |                                                        |
| 14     |                      |                                                        |

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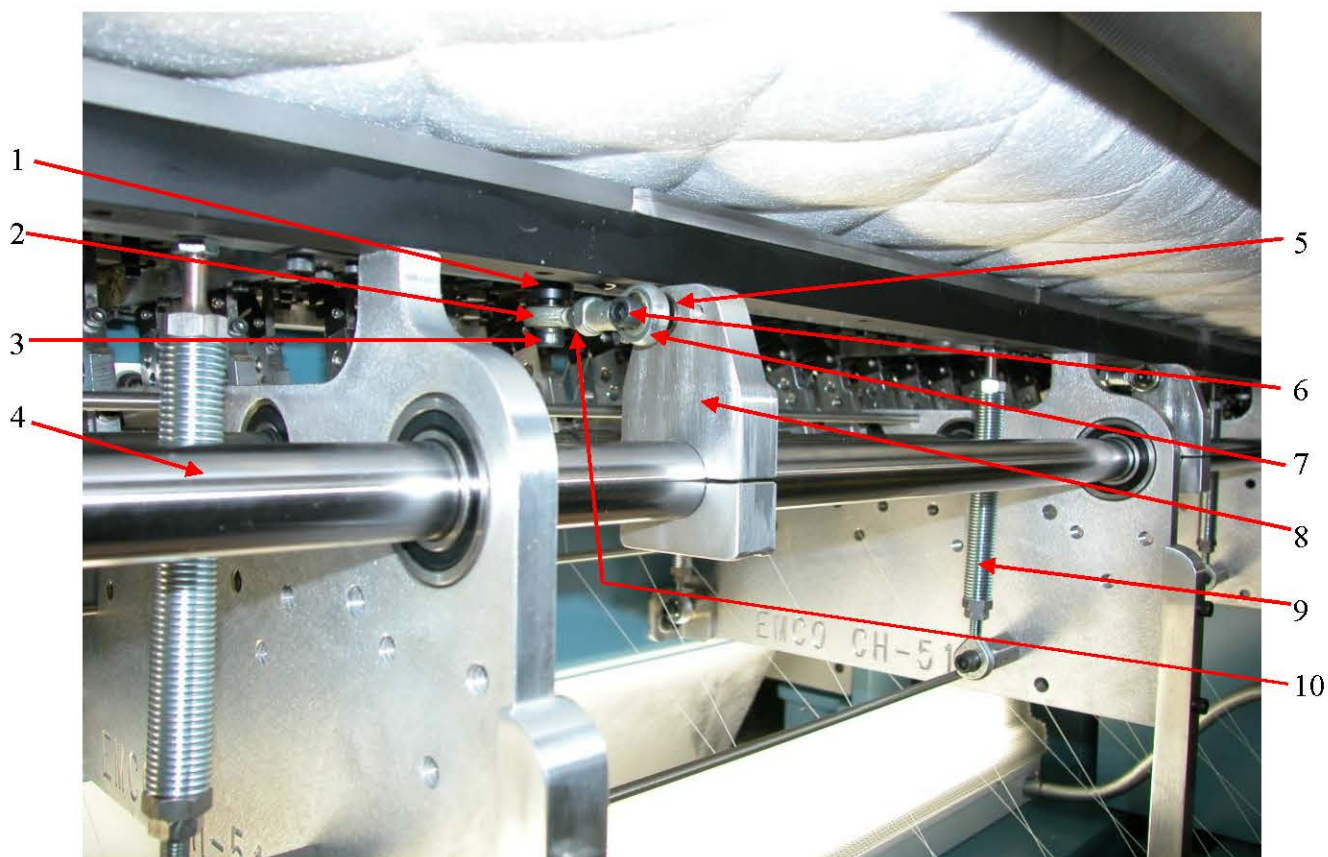


| Item # | Part #  | Description                                                        |
|--------|---------|--------------------------------------------------------------------|
| 1      | CH45-CR | Looper Shaft "C" Rings, for positioning the loopers on the shafts. |
| 2      | CH43    | Looper Block                                                       |
| 3      | CH42    | Looper Saddle, 2 parts, sold as a pair                             |
| 4      | CH38SF  | Spreader Frame Front Support Spring                                |
| 5      | CH46    | Spreader                                                           |
| 6      | CH46S   | 6-32 Torx Socket Head Screw for Spreader                           |
| 7      | CH2     | 1" Spreader Frame Drive Shaft Bearing                              |
| 8      | CHR12VV | 3/4" Looper Shaft Bearing                                          |
| 9      | CH38SR  | Spreader Frame Rear Support Spring                                 |
| 10     | CHBEM8L | Male Rod End, 8mm., LH                                             |
| 11     |         |                                                                    |
| 12     |         |                                                                    |
| 13     |         |                                                                    |
| 14     |         |                                                                    |

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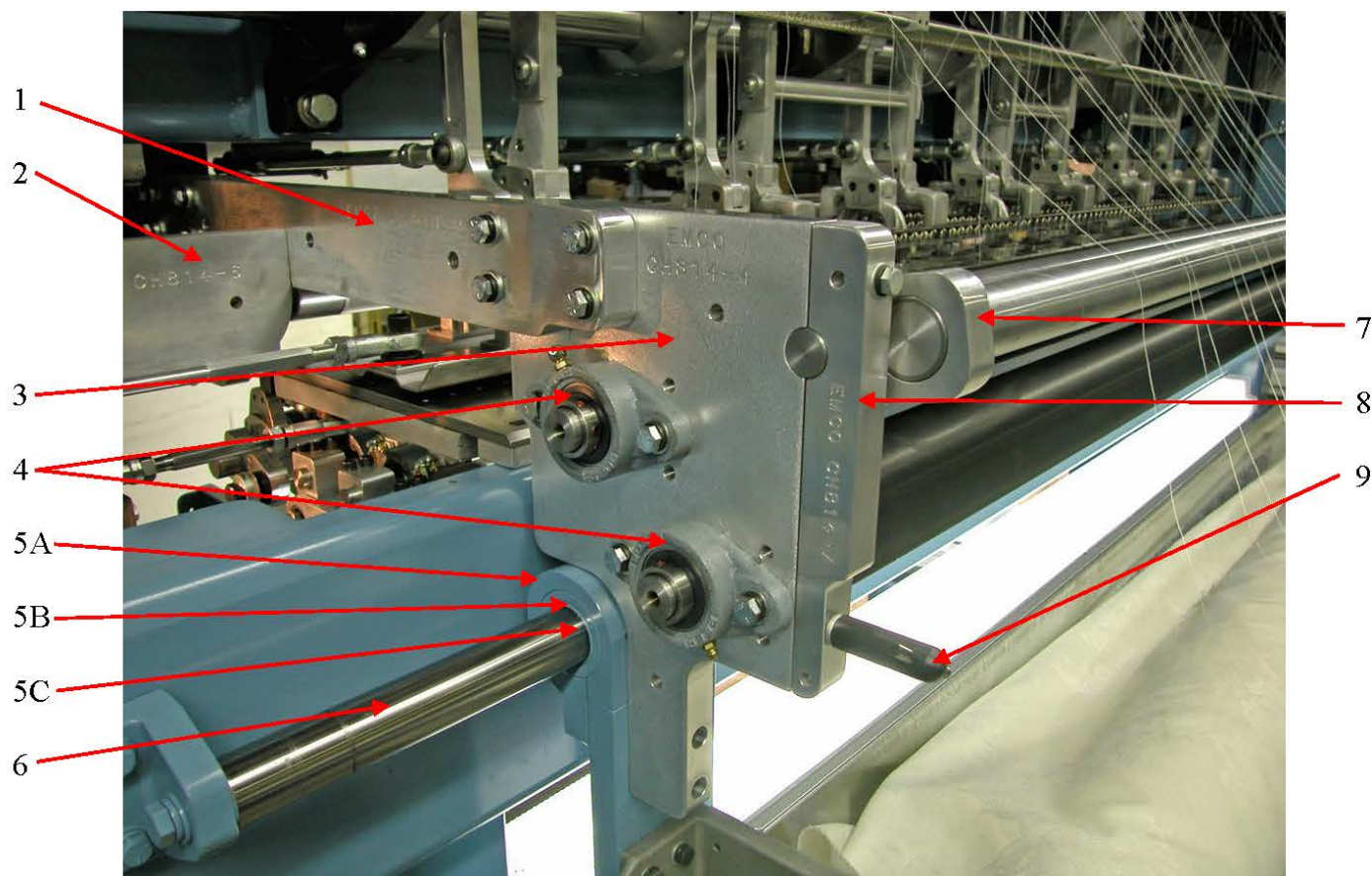
| Item # | Part # | Description                                                       |
|--------|--------|-------------------------------------------------------------------|
| 1      | CH4SW  | 6mm Step Washer                                                   |
| 2      | CHBRM6 | 6mm Rod End, Male RH Thread                                       |
| 3      | CH4S   | 6mm x 30mm Socket Head Screw                                      |
| 4      | CH1DS  | 1 inch hardened Drive Shaft, Spreader Frame Secondary Drive Shaft |
| 5      | CH3SW  | 6mm Step Washer                                                   |
| 6      | CH3S   | 6mm x 25mm Socket Head Screw                                      |
| 7      | CHBRF6 | 6mm Rod End, Female RH Thread                                     |
| 8      | CH101  | Secondary Spreader Frame Drive Lever                              |
| 9      | CH38SR | Spreader Frame Rear Support Spring                                |
| 10     | CH5    | Not Visible, 6mm Nut for Rod End                                  |
| 11     |        |                                                                   |
| 12     |        |                                                                   |
| 13     |        |                                                                   |

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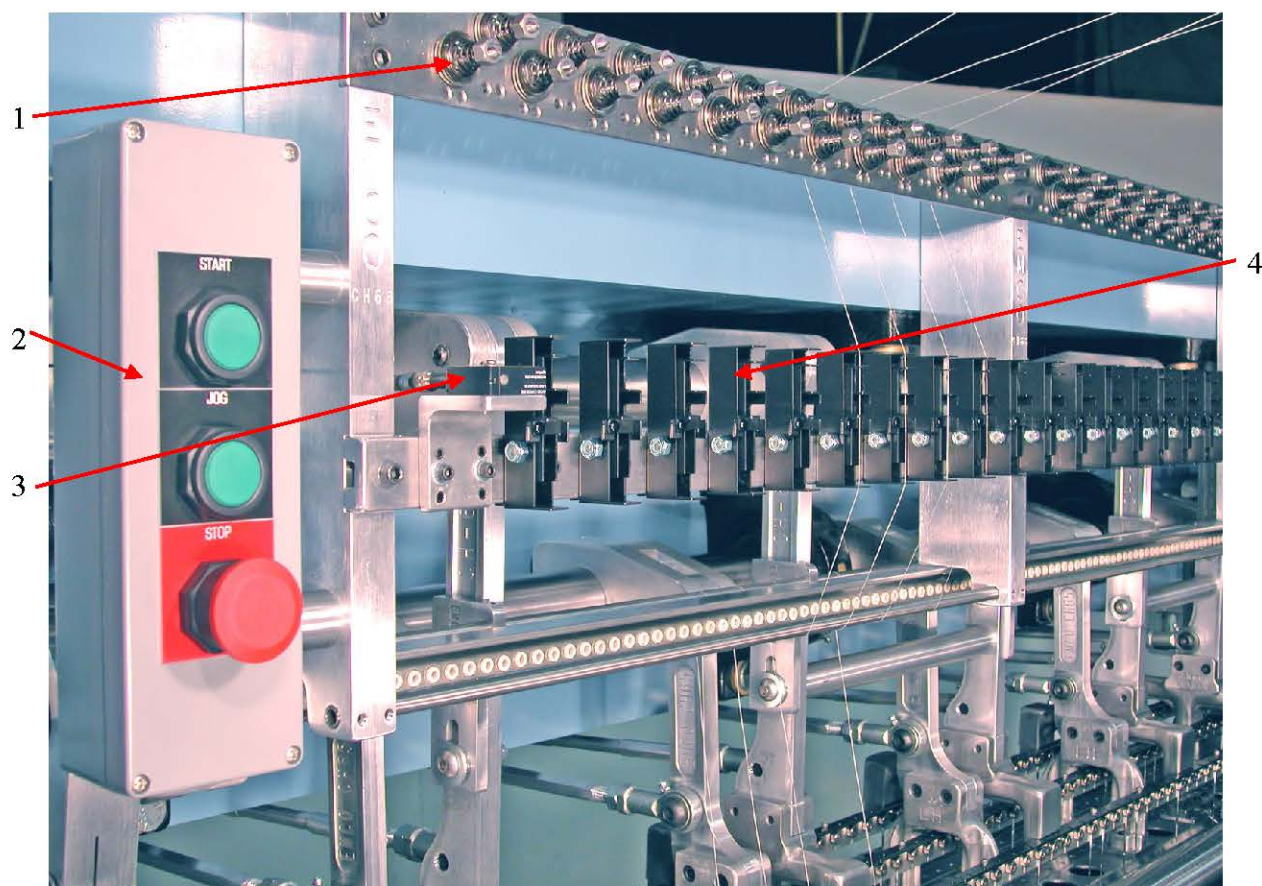
| Item # | Part #   | Description                                        |
|--------|----------|----------------------------------------------------|
| 1      | CH814-5  | Carriage Cross Over Bar                            |
| 2      | CH814-6  | Carriage Push Bracket                              |
| 3      | CH814-4  | Front Guide Rollers Mounting Plate                 |
| 4      | CH514    | 1" Flange Bearings, two bolt style                 |
| 5A     | CH813    | Front Carriage 1.1/2" Bearing Support Housing      |
| 5B     | CH820    | 1.1/2" Shaft Seal                                  |
| 5C     | CH819    | 1.1/2" Linear Ball Bearing                         |
| 6      | CH818-14 | 1.1/2" x 14" long Hardened Carriage Support Shafts |
| 7      | CH489-B  | Top Cloth Tensioning Bars, specify length          |
| 8      | CH814-7  | Top Cloth Tensioning Bars Clamping Block           |
| 9      | CH491    | Top Cloth Tensioning Bars Clamping Block Handle    |
| 10     |          |                                                    |
| 11     |          |                                                    |
| 12     |          |                                                    |

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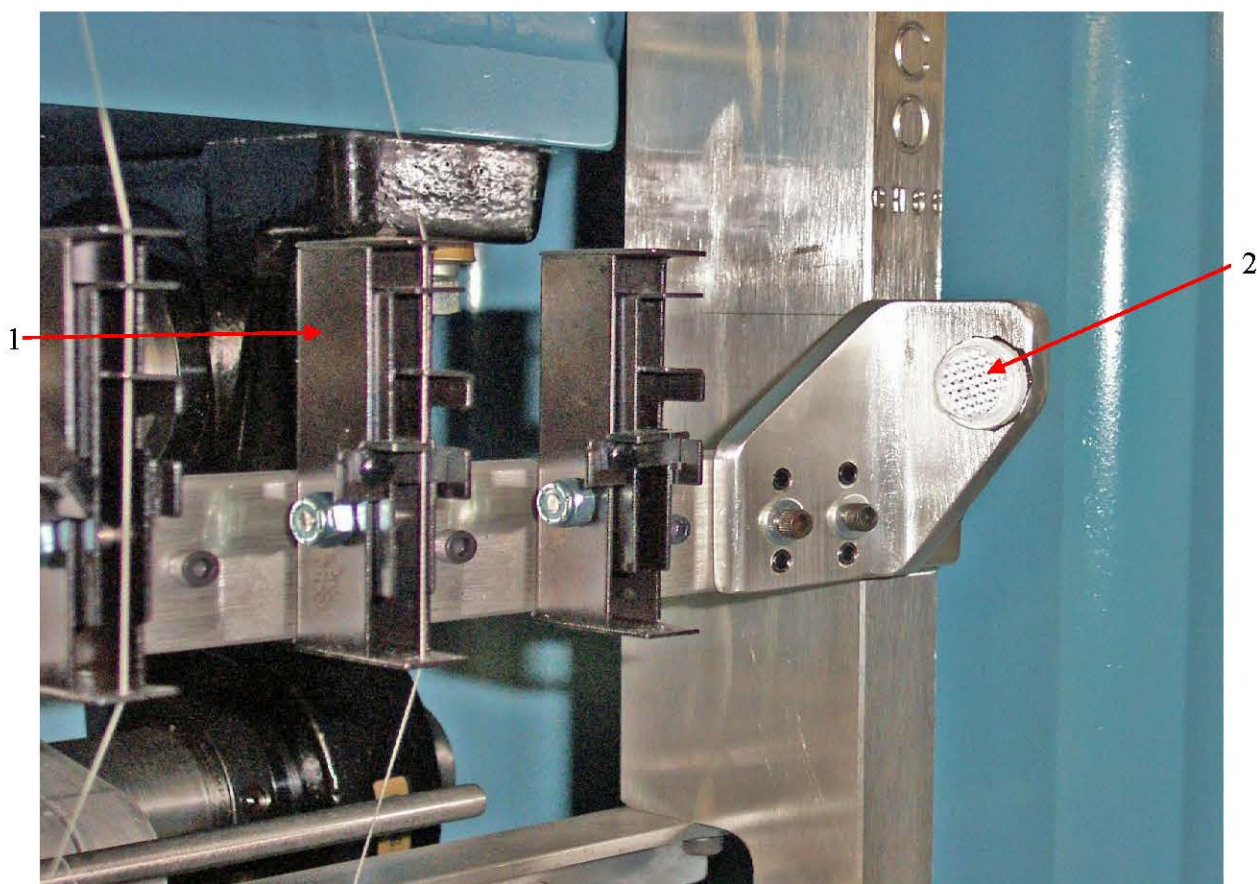


| Item # | Part #    | Description                                                  |
|--------|-----------|--------------------------------------------------------------|
| 1A     | CH420N    | Tensioner Nut                                                |
| 1B     | CH420S    | Tensioner Stud                                               |
| 1C     | CH421     | Tensioner Discs, 2 each                                      |
| 1D     | CH422     | Tensioner Spring                                             |
| 1E     | CH423     | Thread Tensioner Bar Assembly, specify length and # of holes |
| 2      | CH800T3TZ | Three Button Station, Start/Jog/Stop, complete               |
| 3      | CH2000J   | Broken Thread Detector Laser Sensor                          |
| 4      | CH2000U   | Broken Thread Detector Units                                 |
| 5      |           |                                                              |
| 6      |           |                                                              |
| 7      |           |                                                              |
| 8      |           |                                                              |
| 9      |           |                                                              |
| 10     |           |                                                              |

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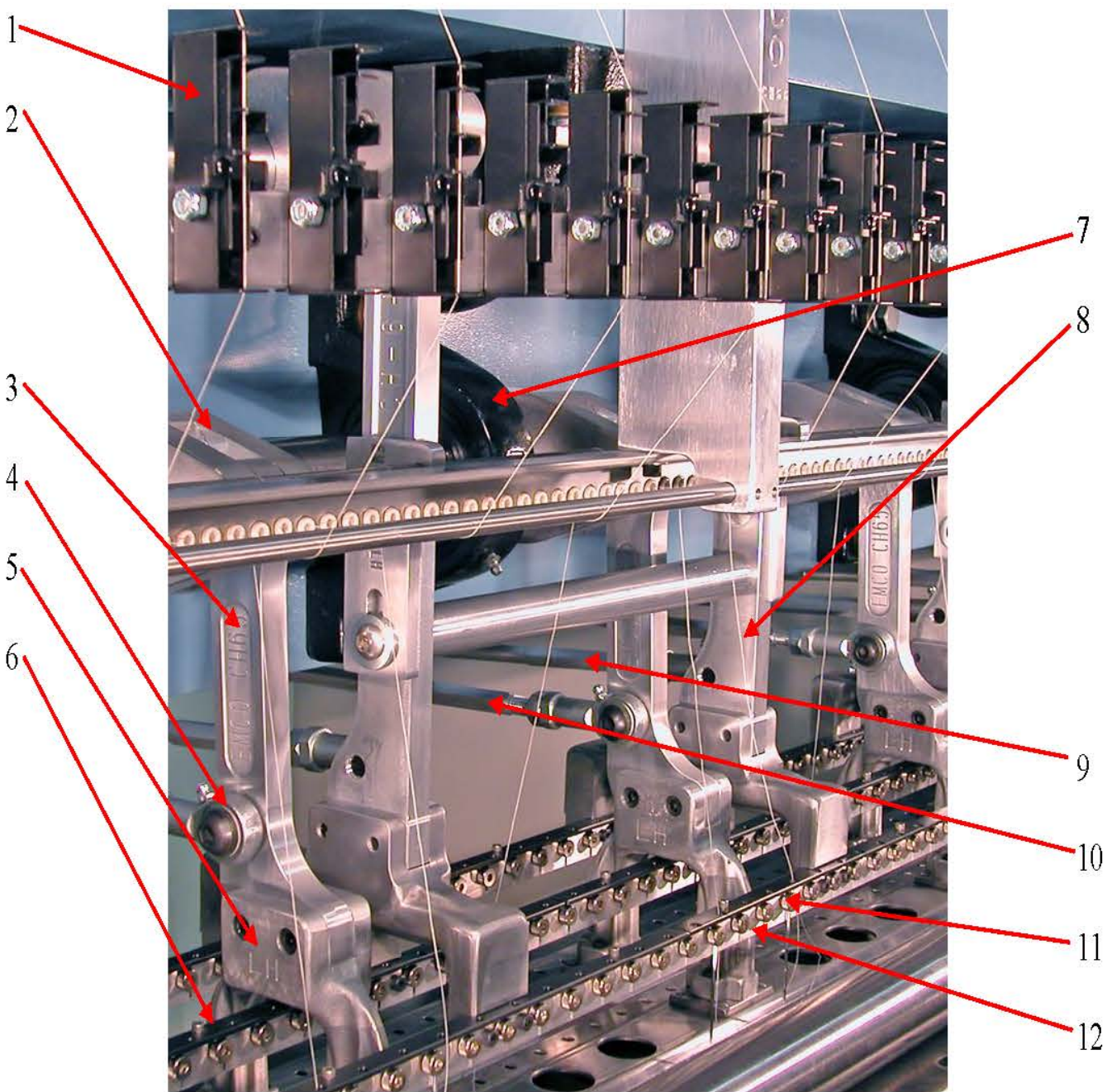
| Item # | Part #  | Description                 |
|--------|---------|-----------------------------|
| 1      | CH2000U | Broken Thread Detector Unit |
| 2      | CH2000I | Laser Reflector             |
| 3      |         |                             |
| 4      |         |                             |
| 5      |         |                             |
| 6      |         |                             |
| 7      |         |                             |
| 8      |         |                             |
| 9      |         |                             |
| 10     |         |                             |
| 11     |         |                             |
| 12     |         |                             |
| 13     |         |                             |
| 14     |         |                             |

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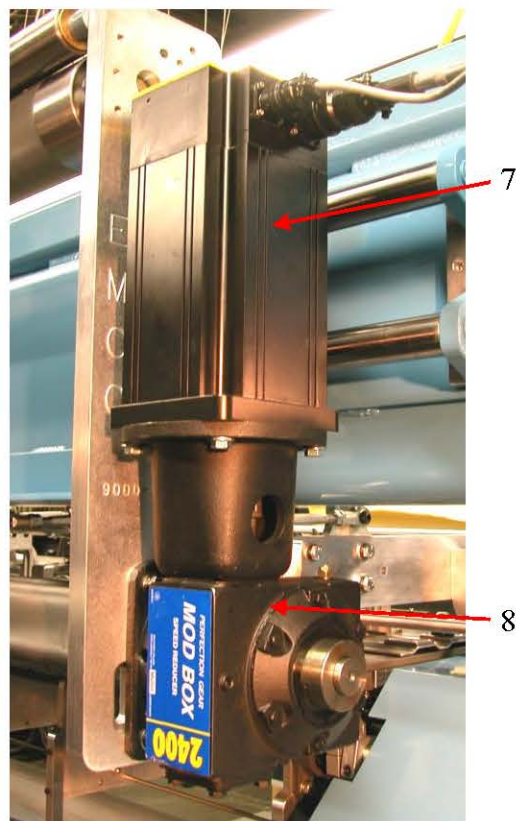
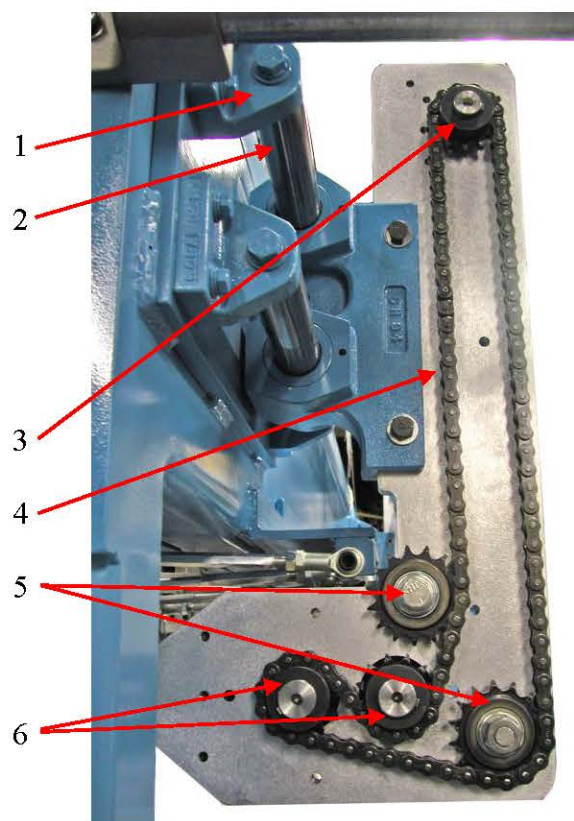
| Item # | Part #      | Description                                                                            |
|--------|-------------|----------------------------------------------------------------------------------------|
| 1      | CH2000U     | Broken Thread Detector Unit                                                            |
| 2      | CH62        | Needle and Presser Foot Top Rocker Shaft Levers                                        |
| 3      | CH65        | Presser Foot Lift Link                                                                 |
| 4      | CH69        | Female Rod End, 12mm, specify RH or LH thread                                          |
| 5      | CH550       | Presser Foot Bridge, specify RH or LH                                                  |
| 6      | CH299       | Hardened Needle Bar Thread Eyelet Bar, specify length and location on which needle bar |
| 7      | CH-KC55-2-1 | Needle and Presser Foot Top Rocker Shaft Bearings, 2 inch                              |
| 8      | CH64        | Needle Bar Lift Link                                                                   |
| 9      | CH69-SR-N   | Needle Bar Stabilizing Rod, 12mm, 12.3/4 inches long                                   |
| 10     | CH69-SR-P   | Presser Foot Stabilizing Rod, 12mm., 11.3/4 inches long                                |
| 11     | CH414NT     | New Type Needle Bar Screws                                                             |
| 12     | CH898-45AL  | Needle Bar 45 inches long, Aluminum                                                    |
| 13     |             |                                                                                        |

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| Item # | Part #           | Description                                      |
|--------|------------------|--------------------------------------------------|
| 1      | CH7809           | Carriage Support bracket                         |
| 2      | CH818-14         | 1.1/2 x 14" long hardened carriage support shaft |
| 3      | CH50B12x1        | 50B12 x 1 inch Sprocket                          |
| 4      | CH50RC           | #50 Roller Chain, specify length                 |
| 5      | CH50BB15H        | #50 Idler Sprockets with bearing                 |
| 6      | CH50B12x1.3/16   | 50B12 x 1.3/16 inch Sprocket                     |
| 7      | CHNB1421-FRM-416 | Feed Roll Drive AC Servo Motor                   |
| 8      | CHMKACH2490-19   | Feed Roll Gear Box, Hollow Shaft, 1.3/16"        |
| 9      |                  |                                                  |
| 10     |                  |                                                  |
| 11     |                  |                                                  |
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| 13     |                  |                                                  |
| 14     |                  |                                                  |

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# **Emco 9000 Series Chainstitch Part Listing**

**Edgewater Machine Company, Inc.**

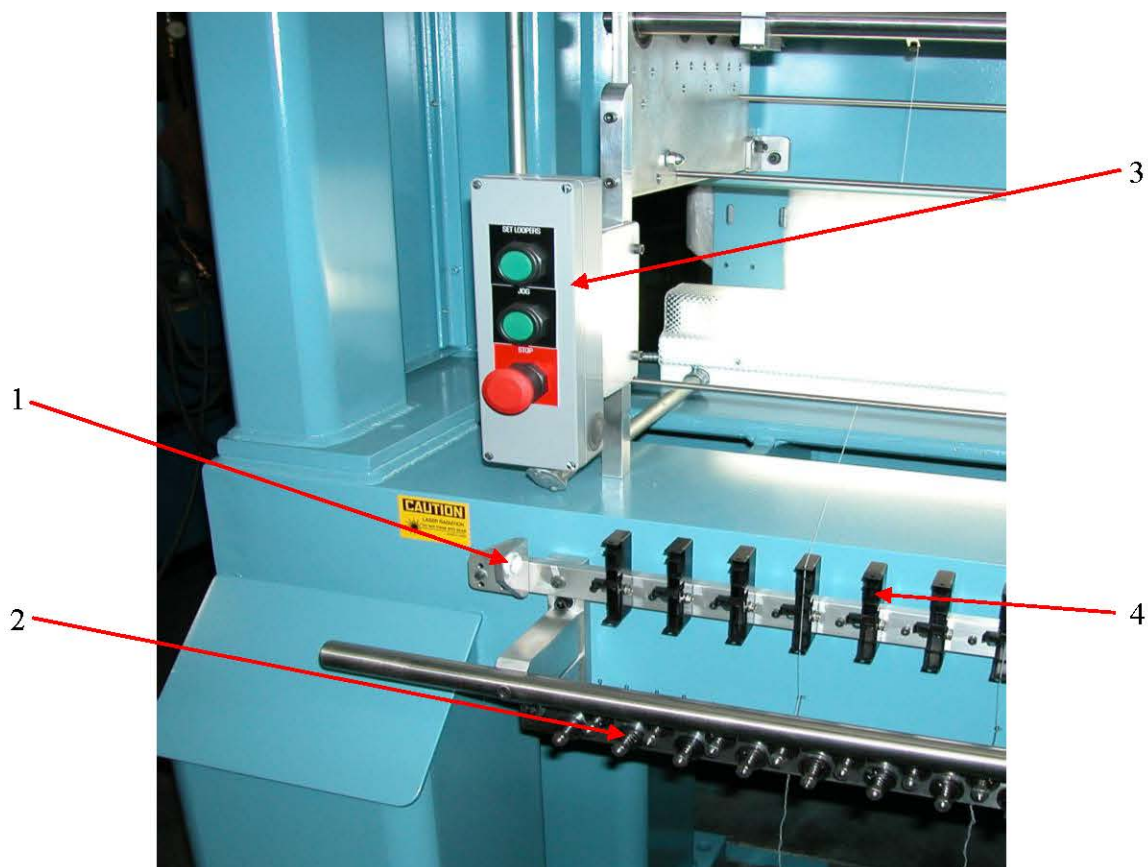


| Item # | Part #    | Description                                                  |
|--------|-----------|--------------------------------------------------------------|
| 1      | CH2000U   | Broken Thread Detector Unit                                  |
| 2A     | CH420N    | Tensioner Nut                                                |
| 2B     | CH420S    | Tensioner Stud                                               |
| 2C     | CH421     | Tensioner Discs, 2 each                                      |
| 2D     | CH422     | Tensioner Spring                                             |
| 2E     | CH423     | Thread Tensioner Bar Assembly, specify length and # of holes |
| 3      | CH800T3TZ | Three Button Station, Set Looper/Jog/Stop, complete          |
| 4      | CH2000J   | Broken Thread Detector Laser Sensor                          |
| 5      |           |                                                              |
| 6      |           |                                                              |
| 7      |           |                                                              |
| 8      |           |                                                              |
| 9      |           |                                                              |
| 10     |           |                                                              |

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

# Emco 9000 Series Chainstitch Part Listing

Edgewater Machine Company, Inc.



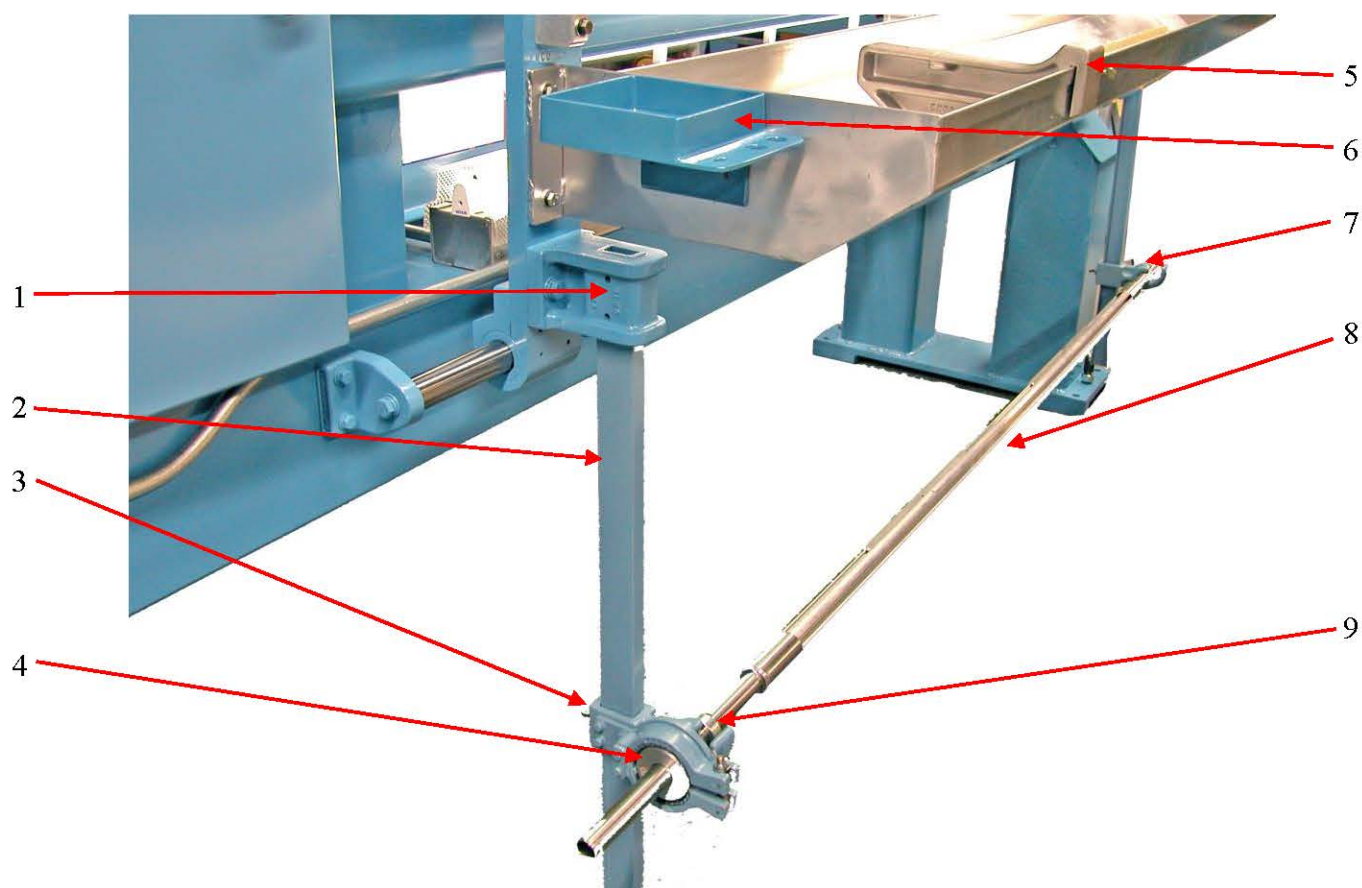
| Item # | Part #    | Description                                                  |
|--------|-----------|--------------------------------------------------------------|
| 1      | CH2000I   | Broken Thread Laser Sensor Reflector                         |
| 2A     | CH420N    | Tensioner Nut                                                |
| 2B     | CH420S    | Tensioner Stud                                               |
| 2C     | CH421     | Tensioner Discs, 2 each                                      |
| 2D     | CH422     | Tensioner Spring                                             |
| 2E     | CH423     | Thread Tensioner Bar Assembly, specify length and # of holes |
| 3      | CH800T3TZ | Three Button Station, Set Looper/Jog/Stop, complete          |
| 4      | CH2000U   | Broken Thread Detector Unit                                  |
| 5      |           |                                                              |
| 6      |           |                                                              |
| 7      |           |                                                              |
| 8      |           |                                                              |
| 9      |           |                                                              |
| 10     |           |                                                              |

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## Emco 9000 Series Chainstitch Part Listing

Edgewater Machine Company, Inc.

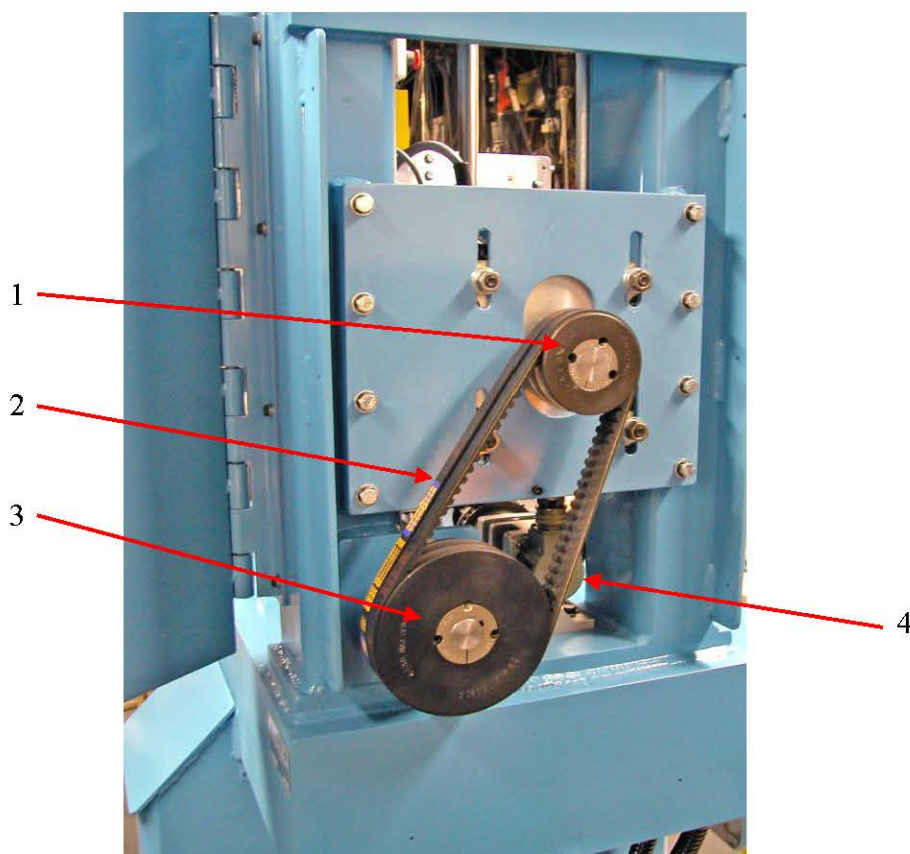


| Item # | Part #      | Description                                                |
|--------|-------------|------------------------------------------------------------|
| 1      | CH18        | Front Arm Support Bracket                                  |
| 2      | CH339S      | 2 inch Channel Front Arm                                   |
| 3      | CH7389NT    | Grip Roller Brake Assembly for channel arm                 |
| 4      | CH945       | Brake Hub for Grip Roller                                  |
| 5      | 483-NT (LH) | Feed Trough Baffle (Left Hand Shown) specify left or right |
| 6      | CH339S      | Tool Tray                                                  |
| 7      | CH3367      | Grip Roller Hook for channel arm                           |
| 8      | CH318NT     | 2 inch Grip Roller, specify length of body of grip roller  |
| 9      | CH318C      | 1.1/4" Shaft Collar                                        |
| 10     |             |                                                            |
| 11     |             |                                                            |
| 12     |             |                                                            |
| 13     |             |                                                            |
| 14     |             |                                                            |

**Order Parts by Part #, not Item #, please include the description.  
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## Emco 9000 Series Chainstitch Part Listing

Edgewater Machine Company, Inc.



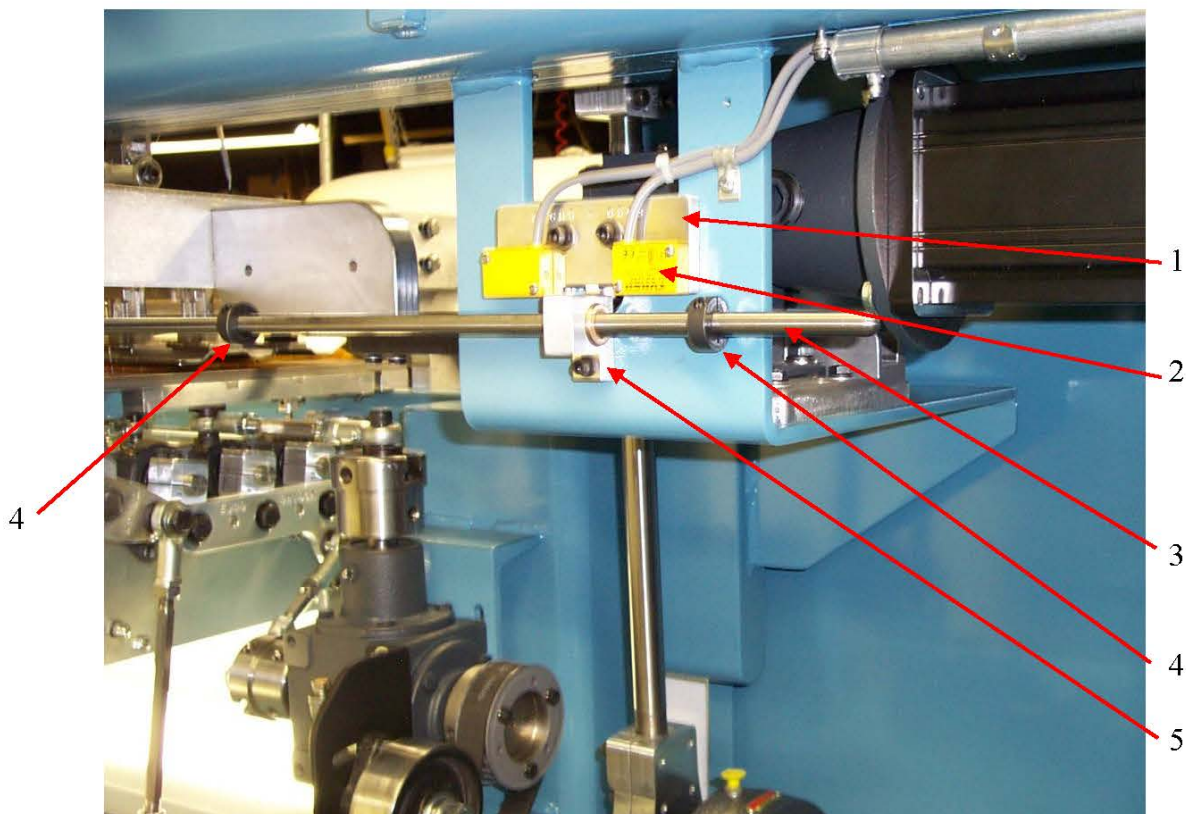
| Item # | Part #               | Description                       |
|--------|----------------------|-----------------------------------|
| 1      | <b>CH2B34TB1210</b>  | Double Sheave Pulley with Bushing |
| 2      | <b>CHBX35</b>        | "V" Belts, (x2)                   |
| 3      | <b>CH2B6.0TB1610</b> | Double Sheave Pulley with Bushing |
| 4      | <b>CHHA625</b>       | Main Shaft (Needles) Encoder      |
| 5      |                      |                                   |
| 6      |                      |                                   |
| 7      |                      |                                   |
| 8      |                      |                                   |
| 9      |                      |                                   |
| 10     |                      |                                   |
| 11     |                      |                                   |
| 12     |                      |                                   |
| 13     |                      |                                   |
| 14     |                      |                                   |

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## Emco 9000 Series Chainstitch Part Listing

**Edgewater Machine Company, Inc.**

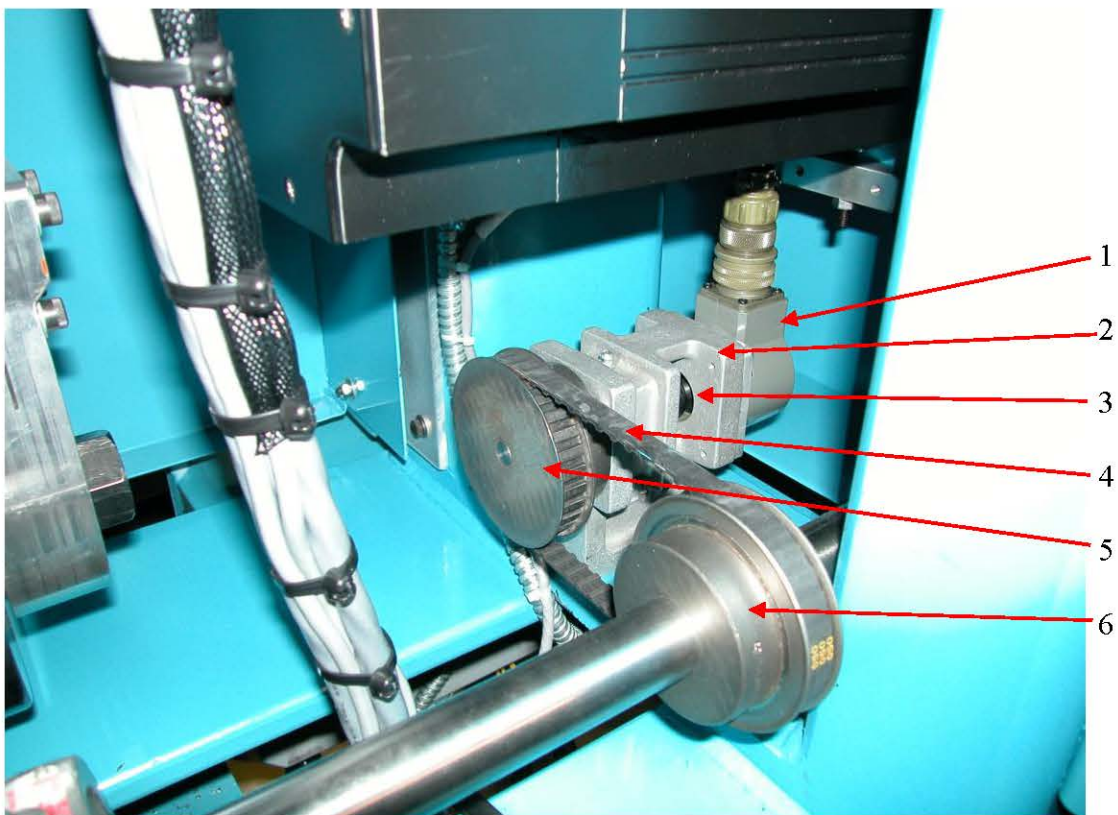


| Item # | Part #   | Description                                    |
|--------|----------|------------------------------------------------|
| 1      | CH952    | Proximity Switch (Limit Switch) mounting plate |
| 2      | CH7905   | Proximity Switch (Limit Switch), (x2)          |
| 3      | CH7906   | 1/2" x 28.1/2" long, limit switch rod          |
| 4      | CH7906-C | 1/2" collars for limit switches, (x2)          |
| 5      | CH7906RS | 1/2" Rod Support                               |
| 6      |          |                                                |
| 7      |          |                                                |
| 8      |          |                                                |
| 9      |          |                                                |
| 10     |          |                                                |
| 11     |          |                                                |
| 12     |          |                                                |
| 13     |          |                                                |
| 14     |          |                                                |

**Order Parts by Part #, not Item #, please include the description.  
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## Emco 9000 Series Chainstitch Part Listing

Edgewater Machine Company, Inc.



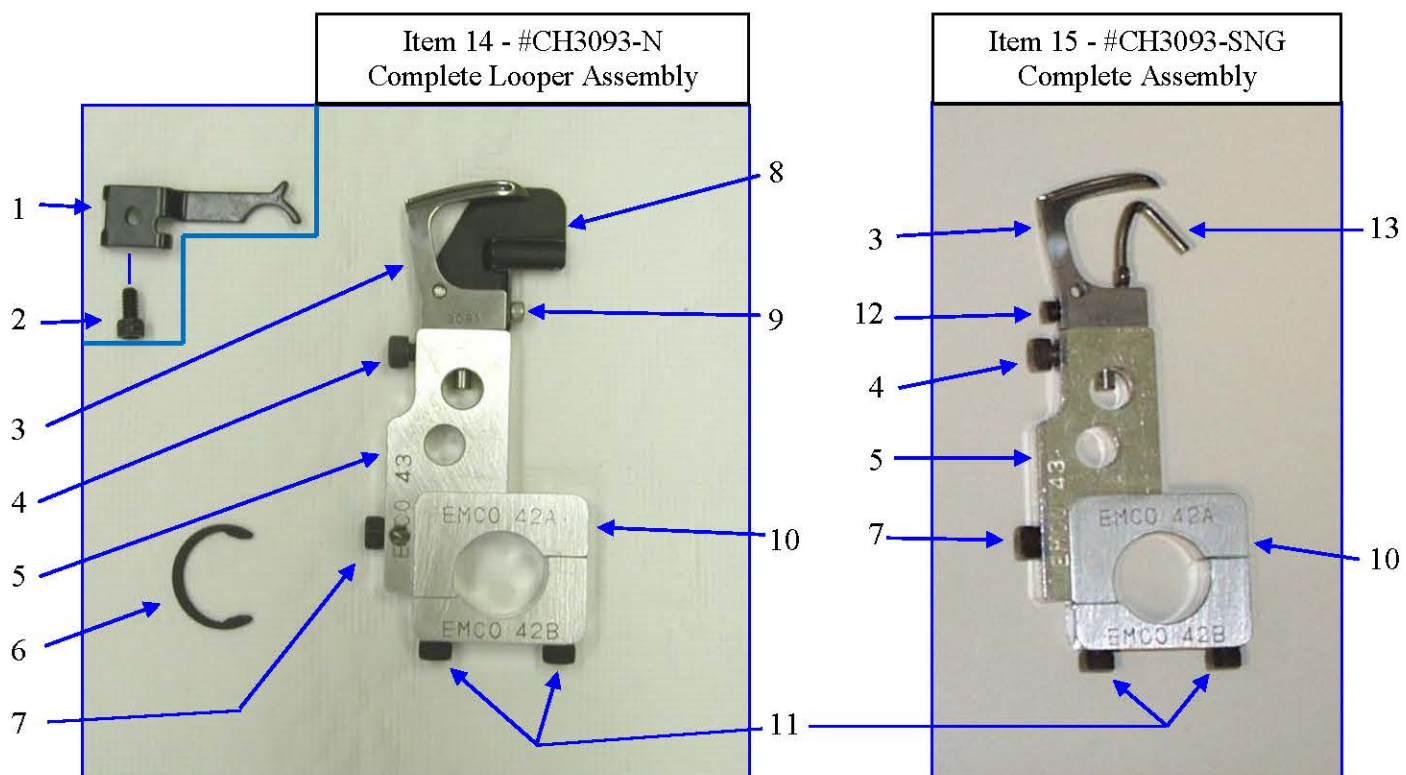
| Item # | Part #                 | Description                         |
|--------|------------------------|-------------------------------------|
| 1      | <b>CHHA625</b>         | Main Shaft (Needles) Encoder        |
| 2      | <b>CH1181</b>          | Encoder Mounting Bracket            |
| 3      | <b>CH1157EC</b>        | Encoder Coupling, 3/8" x 1/2"       |
| 4      | <b>CH225L050</b>       | Encoder Timing Belt                 |
| 5      | <b>CH30L050x1/2</b>    | Encoder Timing Pulley, 1/2" Bore    |
| 6      | <b>CH30L050x1.3/16</b> | Encoder Timing Pulley, 1.3/16" Bore |
| 7      |                        |                                     |
| 8      |                        |                                     |
| 9      |                        |                                     |
| 10     |                        |                                     |
| 11     |                        |                                     |
| 12     |                        |                                     |
| 13     |                        |                                     |
| 14     |                        |                                     |

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# Emco 9000 Series Chainstitch Part Listing

**Edgewater Machine Company, Inc.**

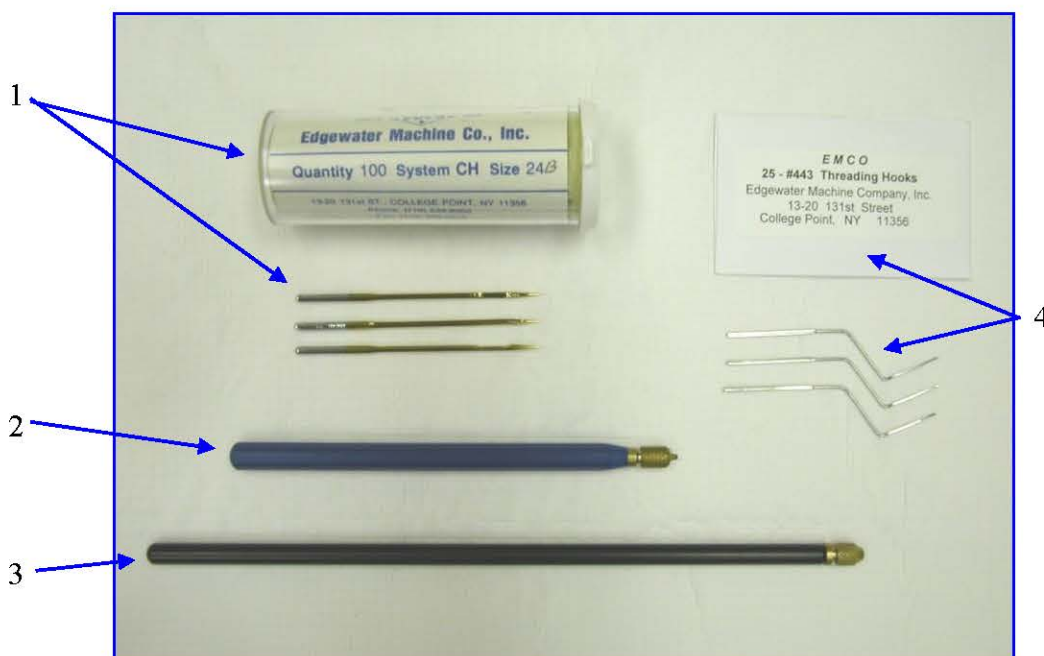


| Item # | Part #             | Description                                            |
|--------|--------------------|--------------------------------------------------------|
| 1      | <b>CH46</b>        | Spreader                                               |
| 2      | <b>CH46S</b>       | 6-32 Torx Socket Head Cap Screw for Spreader           |
| 3      | <b>CH3091</b>      | Looper                                                 |
| 4      | <b>CH832x38DP</b>  | 8-32 x 3/8" long, Socket Head Cap Screw, Dog Point     |
| 5      | <b>CH43</b>        | Looper Block                                           |
| 6      | <b>CH45-CR</b>     | Looper Shaft "C" Ring for positioning loopers on shaft |
| 7      | <b>CH832x58</b>    | 8-32 x 5/8" long Socket Head Cap Screw                 |
| 8      | <b>CH3092N</b>     | New Type Needle Shield                                 |
| 9      | <b>CH440NSS</b>    | 4-40 x 3/16" long Needle Shield Screws, (x2)           |
| 10     | <b>CH42A&amp;B</b> | Looper Saddle, 2 parts, sold as a pair                 |
| 11     | <b>CH832x1</b>     | 8-32 x 1" long Socket Head Cap Screw                   |
| 12     | <b>CH440SHC</b>    | 4-40 x 1/2" Socket Head Cap Screw                      |
| 13     | <b>CH3092SNG</b>   | Alternate Needle Guard                                 |
| 14     | <b>CH3093-N</b>    | Complete Looper Assembly (does not include item #6)    |
| 15     | <b>CH3093-SNG</b>  | Complete Looper Assembly                               |

**Order Parts by Part #, not Item #, please include the description.  
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## Emco 9000 Series Chainstitch Part Listing

**Edgewater Machine Company, Inc.**



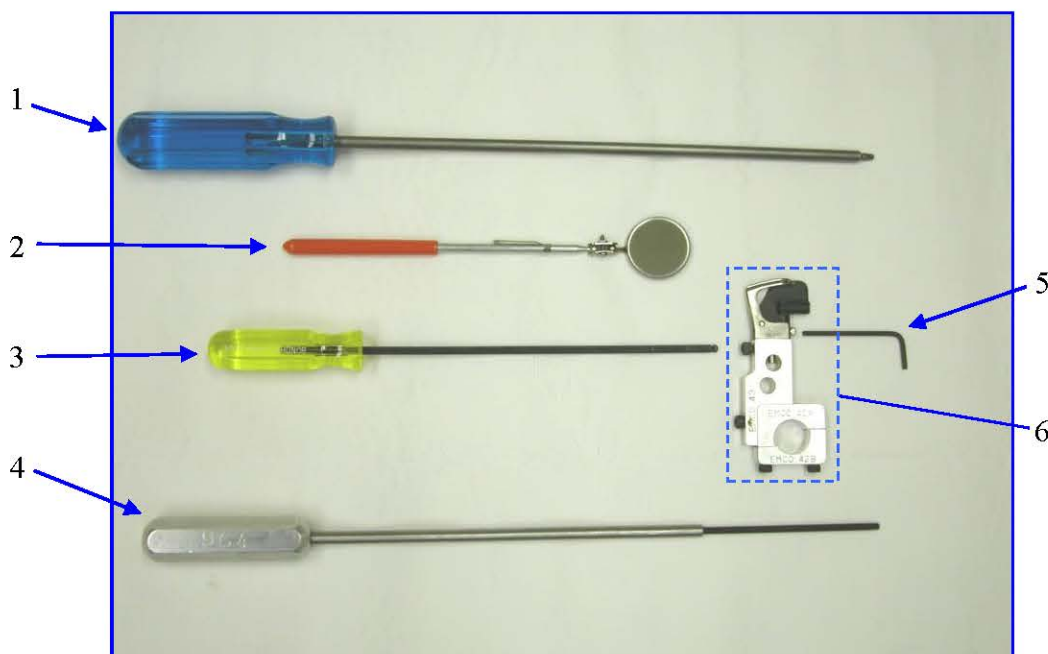
| Item # | Part #    | Description                   |
|--------|-----------|-------------------------------|
| 1      | CH24B     | Chainstitch Needles           |
| 2      | CH443-H-S | Short Threading Hook Handle   |
| 3      | CH443-H-L | Long Threading Hook Handle    |
| 4      | CH443     | Package of 25 Threading Hooks |
| 5      |           |                               |
| 6      |           |                               |
| 7      |           |                               |
| 8      |           |                               |
| 9      |           |                               |
| 10     |           |                               |
| 11     |           |                               |
| 12     |           |                               |
| 13     |           |                               |
| 14     |           |                               |

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## Emco 9000 Series Chainstitch Part Listing

Edgewater Machine Company, Inc.

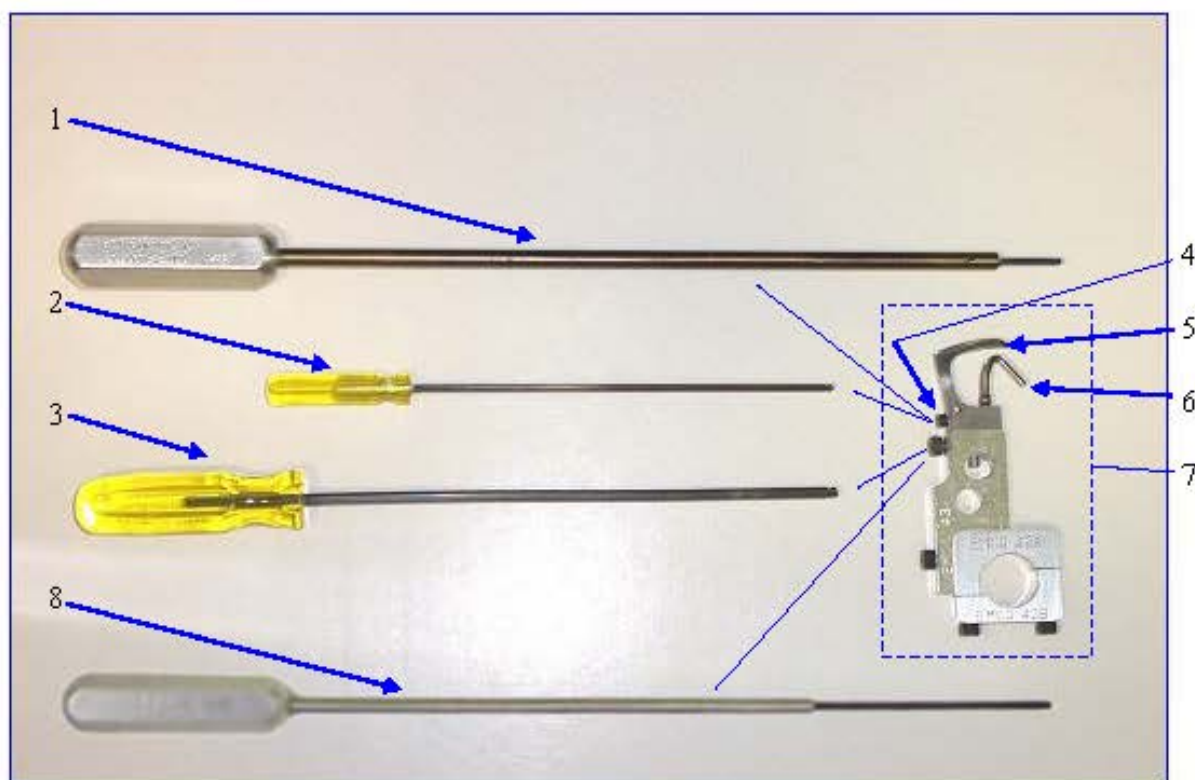


| Item # | Part #         | Description                                             |
|--------|----------------|---------------------------------------------------------|
| 1      | <b>CHT15XL</b> | Extra Long #15 Torx Driver for Spreader Screws          |
| 2      | <b>CHTIM</b>   | Inspection Mirror                                       |
| 3      | <b>CHT964S</b> | Standard Length 9/64" Ball Tip Hex Driver               |
| 4      | <b>CHT964L</b> | Long Length 9/64" Ball Tip Hex Driver                   |
| 5      | <b>CHT332</b>  | Standard 3/32" Hex Key                                  |
| 6      | <b>CH3093</b>  | Complete Looper Assembly, specify type of needle shield |
| 7      |                |                                                         |
| 8      |                |                                                         |
| 9      |                |                                                         |
| 10     |                |                                                         |
| 11     |                |                                                         |
| 12     |                |                                                         |
| 13     |                |                                                         |
| 14     |                |                                                         |

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**Edgewater Machine Company, Inc.**



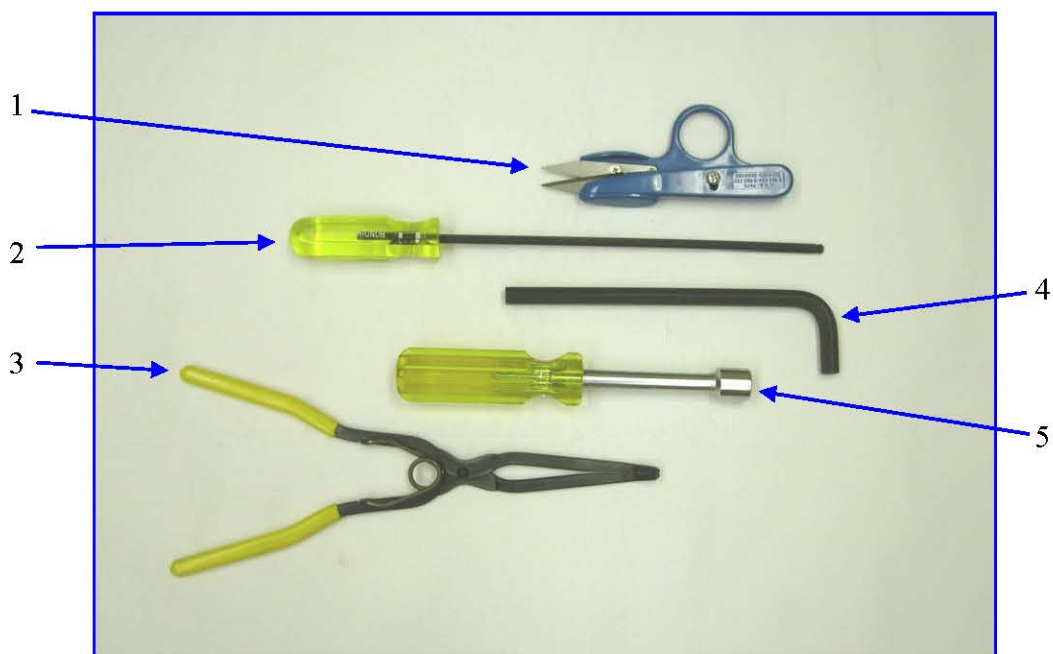
| Item # | Part #     | Description                                          |
|--------|------------|------------------------------------------------------|
| 1      | CHT332XL   | Extra Long 3/32" Ball Tip Hex Driver                 |
| 2      | CHT332S    | Standard Length 3/32" Ball Tip Hex Driver            |
| 3      | CHT964S    | Standard Length 9/64" Ball Tip Hex Driver            |
| 4      | CH440SHC   | 4-40 x 1/2" Socket Head Cap Screw                    |
| 5      | CH3091     | Looper                                               |
| 6      | CH3092SNG  | Alternate Needle Guard                               |
| 7      | CH3093WSNG | Complete Looper Assembly with Alternate Needle Guard |
| 8      | CHT964L    | Long Length 9/64" Ball Tip Hex Driver                |
| 9      |            |                                                      |
| 10     |            |                                                      |
| 11     |            |                                                      |
| 12     |            |                                                      |

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## Emco 9000 Series Chainstitch Part Listing

Edgewater Machine Company, Inc.

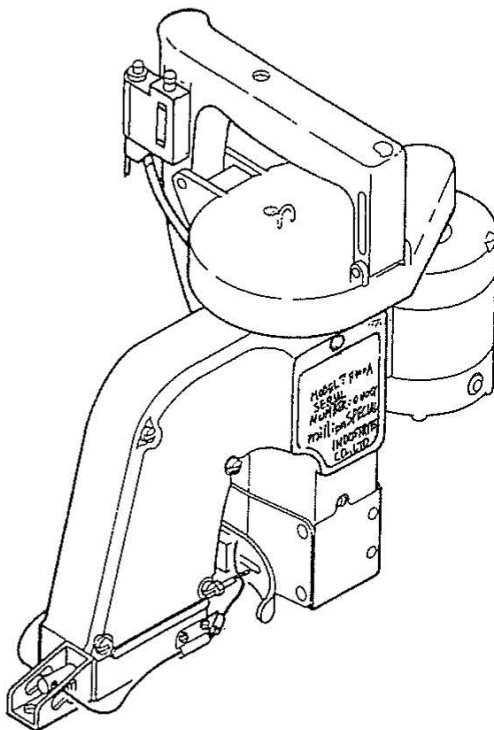


| Item # | Part #          | Description                                                        |
|--------|-----------------|--------------------------------------------------------------------|
| 1      | <b>CHTSS</b>    | Snip Scissors                                                      |
| 2      | <b>CHT532</b>   | Standard Length 5/32" Ball Tip Hex Driver for Needle Screws        |
| 3      | <b>CHTNP</b>    | Needle Pliers                                                      |
| 4      | <b>CHT516L</b>  | Long 5/16" Hex Key, used to adjust Quick Adjust Presser Foot Lever |
| 5      | <b>CHT716ND</b> | 7/16" Nut Driver for Thread Tensioners                             |
| 6      |                 |                                                                    |
| 7      |                 |                                                                    |
| 8      |                 |                                                                    |
| 9      |                 |                                                                    |
| 10     |                 |                                                                    |
| 11     |                 |                                                                    |
| 12     |                 |                                                                    |

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# **Emco 9000 Series Chainstitch Part Listing**

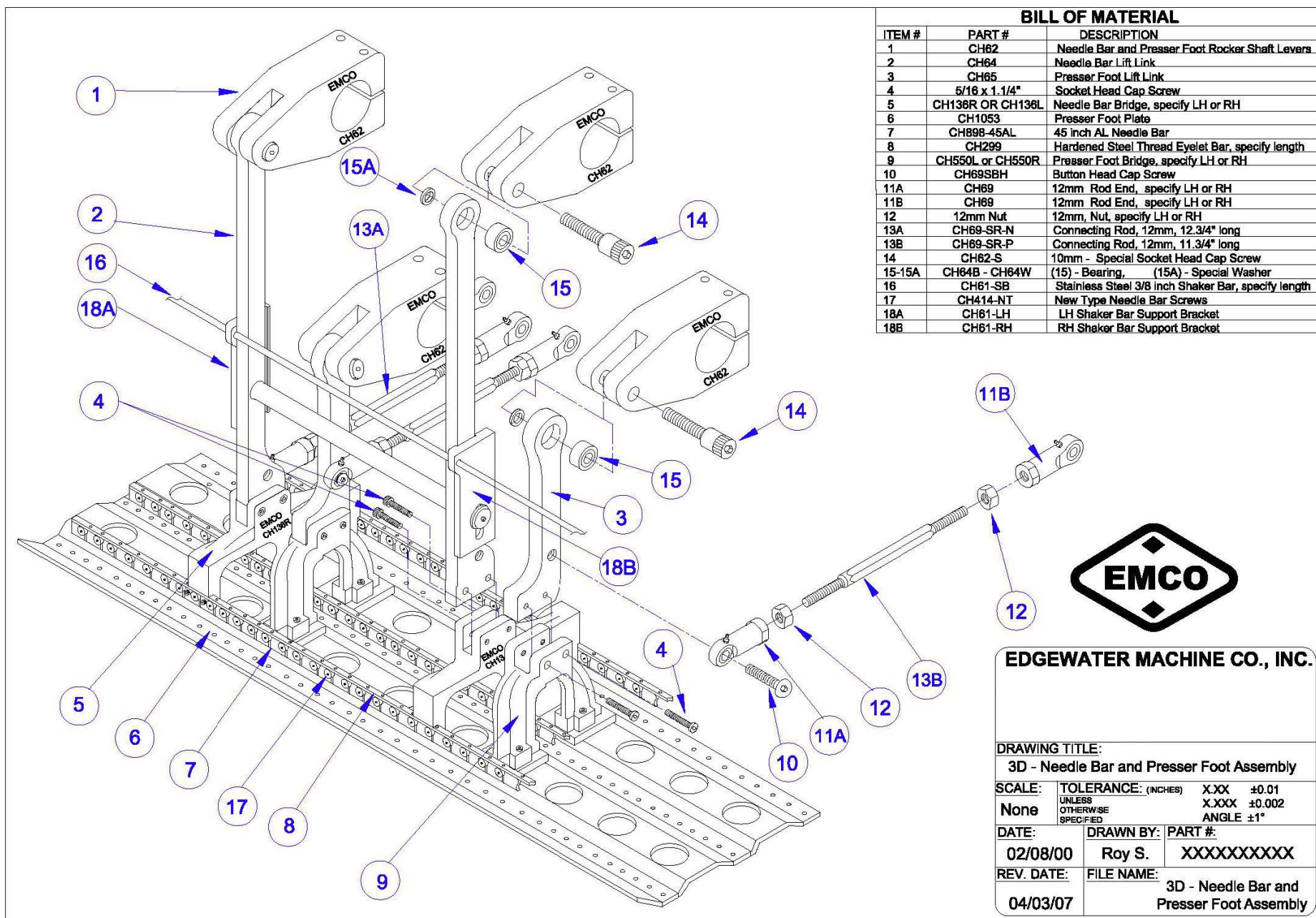
**Edgewater Machine Company, Inc.**



| <b>Item #</b> | <b>Part #</b>       | <b>Description</b>                            |
|---------------|---------------------|-----------------------------------------------|
| 1             | <b>C10NS</b>        | Handheld Single Needle Chainstitch Bag Closer |
| 2             | <b>D5 - NEEDLES</b> | Needles used in above bag closer              |
| 3             |                     |                                               |
| 4             |                     |                                               |
| 5             |                     |                                               |
| 6             |                     |                                               |
| 7             |                     |                                               |
| 8             |                     |                                               |
| 9             |                     |                                               |
| 10            |                     |                                               |
| 11            |                     |                                               |
| 12            |                     |                                               |
| 13            |                     |                                               |
| 14            |                     |                                               |

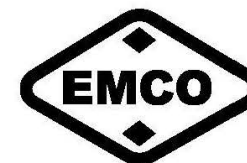
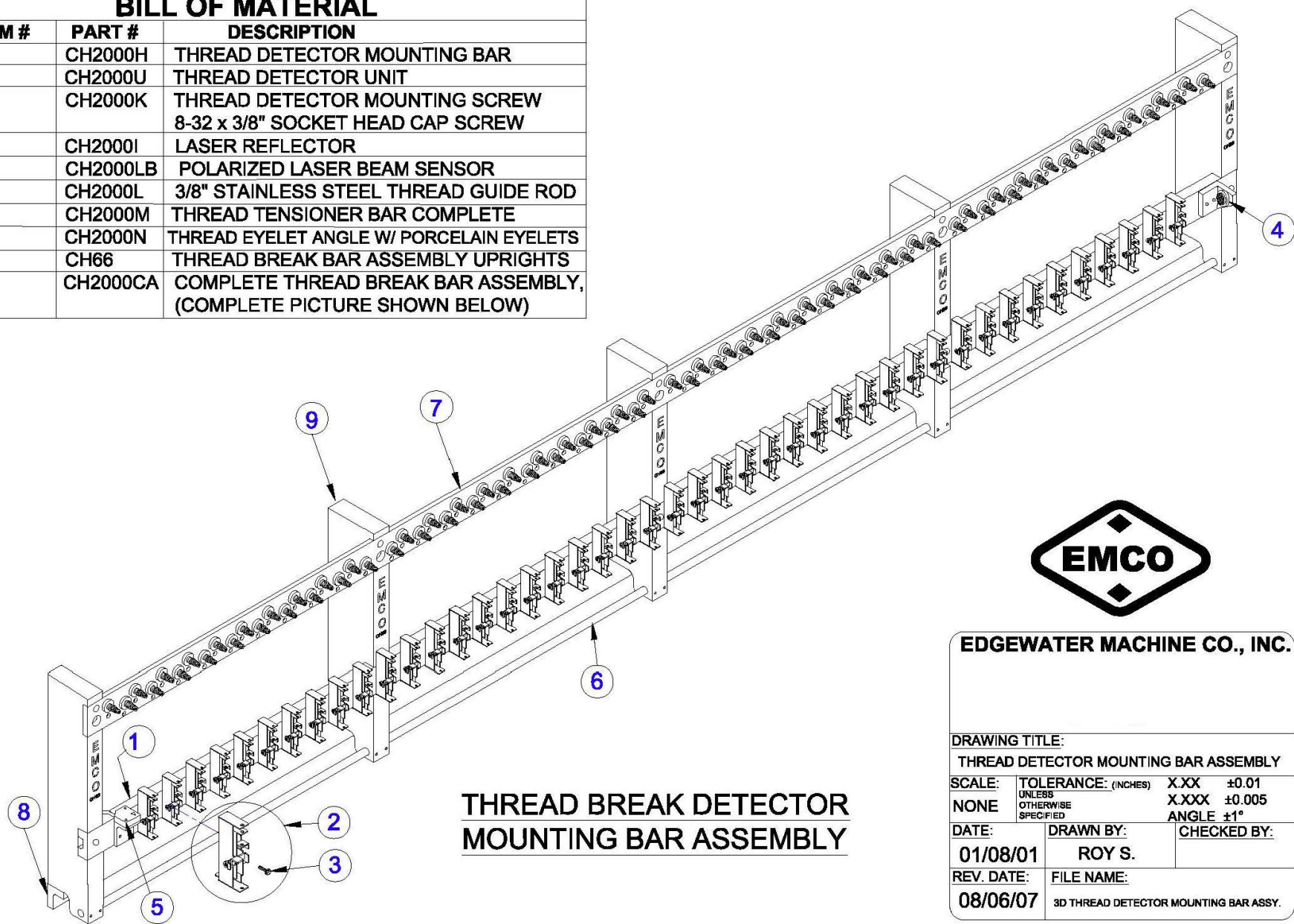
**Order Parts by Part #, not Item #, please include the description.  
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**BILL OF MATERIAL**

| ITEM # | PART #   | DESCRIPTION                                                           |
|--------|----------|-----------------------------------------------------------------------|
| 1      | CH2000H  | THREAD DETECTOR MOUNTING BAR                                          |
| 2      | CH2000U  | THREAD DETECTOR UNIT                                                  |
| 3      | CH2000K  | THREAD DETECTOR MOUNTING SCREW<br>8-32 x 3/8" SOCKET HEAD CAP SCREW   |
| 4      | CH2000I  | LASER REFLECTOR                                                       |
| 5      | CH2000LB | POLARIZED LASER BEAM SENSOR                                           |
| 6      | CH2000L  | 3/8" STAINLESS STEEL THREAD GUIDE ROD                                 |
| 7      | CH2000M  | THREAD TENSIONER BAR COMPLETE                                         |
| 8      | CH2000N  | THREAD EYELET ANGLE W/ PORCELAIN EYELETS                              |
| 9      | CH66     | THREAD BREAK BAR ASSEMBLY UPRIGHTS                                    |
| 10     | CH2000CA | COMPLETE THREAD BREAK BAR ASSEMBLY,<br>(COMPLETE PICTURE SHOWN BELOW) |

**EDGEWATER MACHINE CO., INC.****DRAWING TITLE:****THREAD DETECTOR MOUNTING BAR ASSEMBLY**

|               |                                   |                   |
|---------------|-----------------------------------|-------------------|
| <b>SCALE:</b> | <b>TOLERANCE: (INCHES)</b>        | <b>XXX ±0.01</b>  |
| <b>NONE</b>   | <b>UNLESS OTHERWISE SPECIFIED</b> | <b>XXX ±0.005</b> |
|               |                                   | <b>ANGLE ±1°</b>  |

|              |                  |                    |
|--------------|------------------|--------------------|
| <b>DATE:</b> | <b>DRAWN BY:</b> | <b>CHECKED BY:</b> |
|--------------|------------------|--------------------|

01/08/01

ROY S.

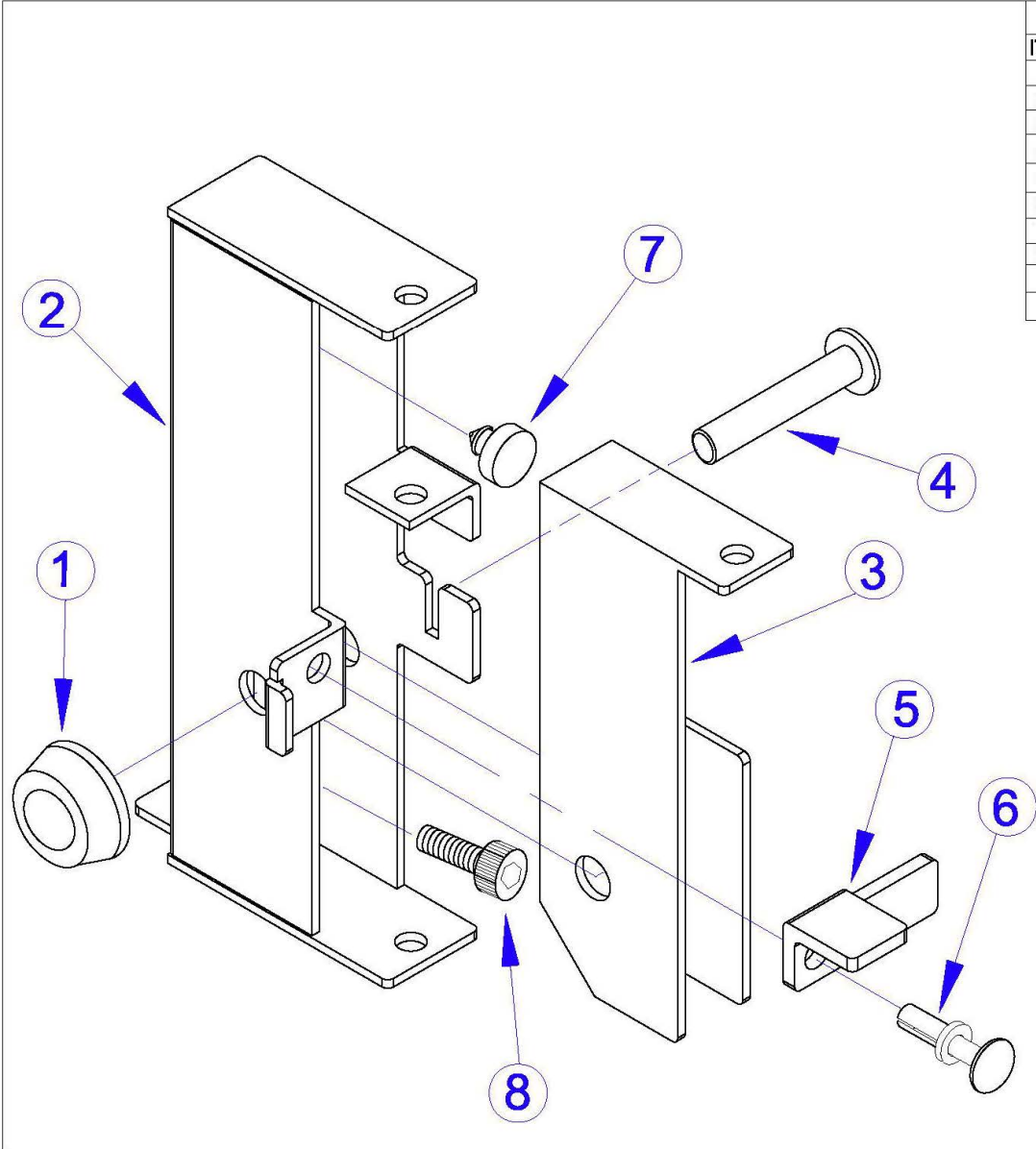
REV. DATE:

FILE NAME:

08/06/07

3D THREAD DETECTOR MOUNTING BAR ASSY.



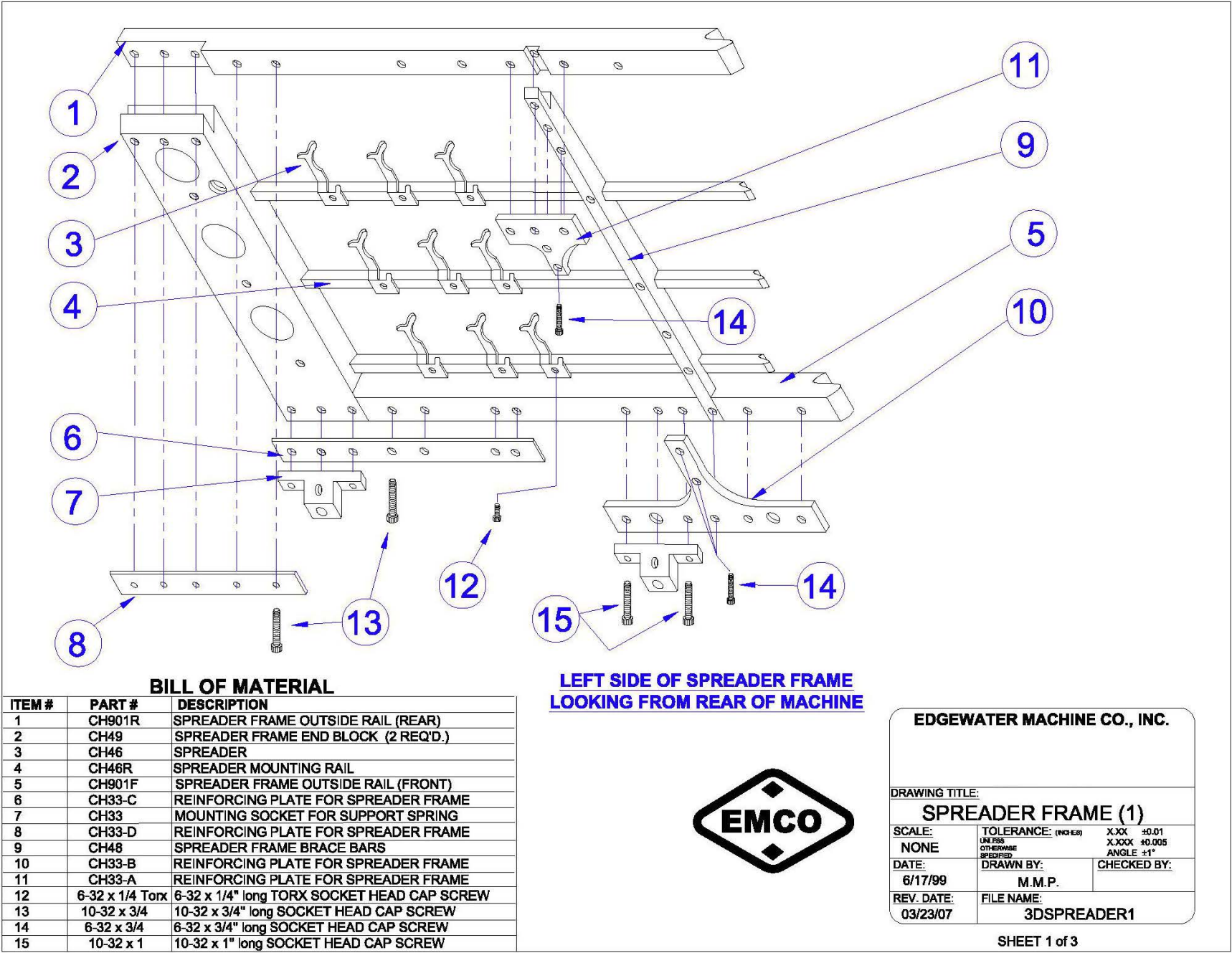


| BILL OF MATERIAL |         |                                     |
|------------------|---------|-------------------------------------|
| ITEM #           | PART #  | DESCRIPTION                         |
| 1                | CH2000E | 3/16" PUSH CAP NUT                  |
| 2                | CH2000A | THREAD DETECTOR BODY                |
| 3                | CH2000B | THREAD DETECTOR SWING ARM           |
| 4                | CH2000D | 3/16" x .750" HARDENED CLEVIS PIN   |
| 5                | CH2000C | SWING ARM GATE                      |
| 6                | CH2000F | GATE RIVET                          |
| 7                | CH2000G | RUBBER CUSHION                      |
| 8                | CH2000J | 8-32 x 3/8" S.H. CAP MOUNTING SCREW |
|                  | CH2000U | COMPLETE ASSEMBLED UNIT             |

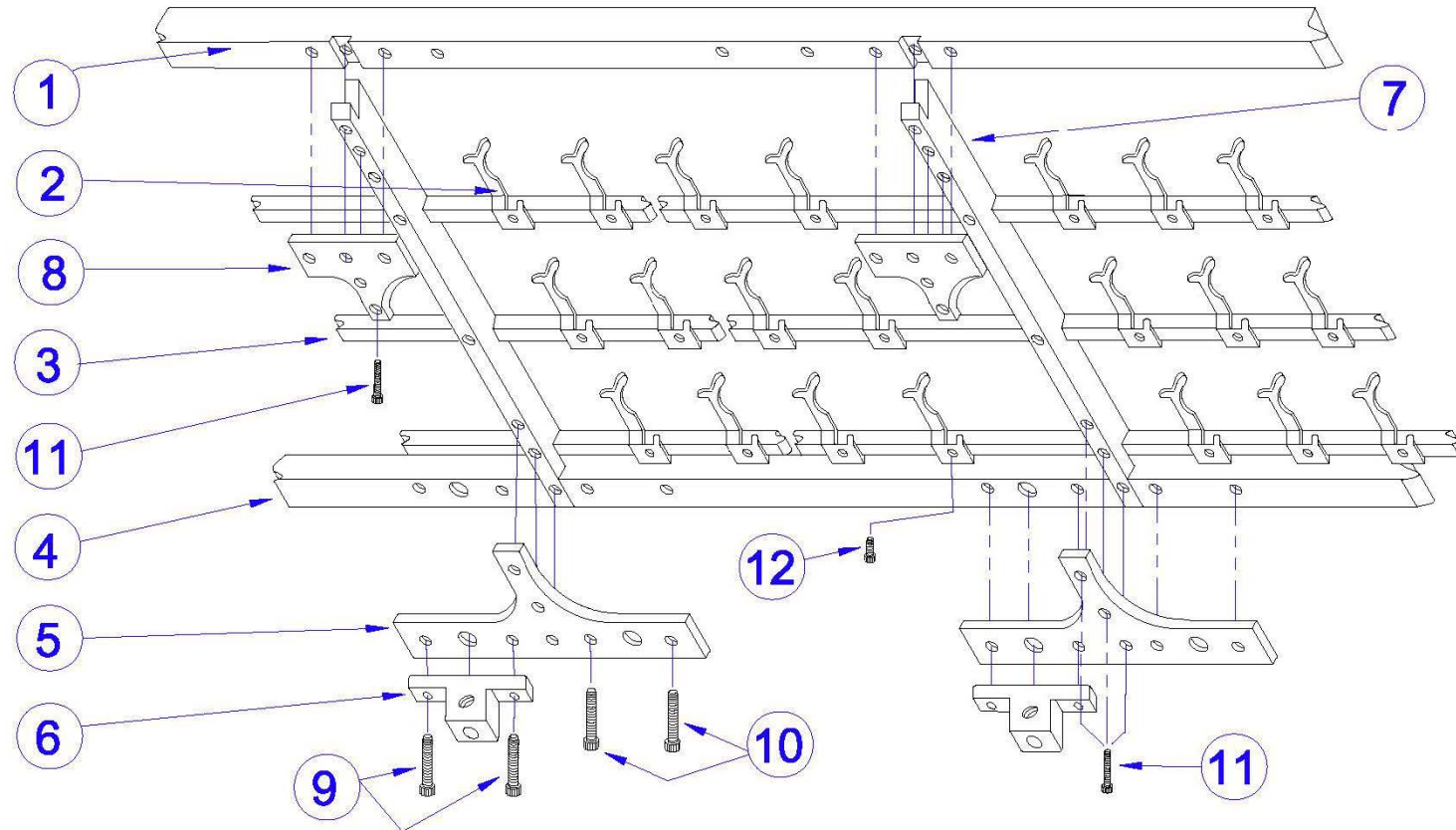


EDGEWATER MACHINE CO., INC.

|                                    |                            |              |
|------------------------------------|----------------------------|--------------|
| DRAWING TITLE:                     |                            |              |
| CH2000U - Thread Detector Assembly |                            |              |
| SCALE:                             | TOLERANCE: (INCHES)        | X.XX ±0.01   |
| NONE                               | UNLESS OTHERWISE SPECIFIED | X.XXX ±0.003 |
| DATE:                              | DRAWN BY:                  | Part #:      |
| 08/02/02                           | Roy S.                     | CH2000U      |
| REV. DATE:                         | FILE NAME:                 |              |
| 08/02/02                           | CH2000U                    |              |
|                                    | Thread Detector Assembly   |              |



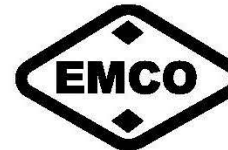




**CENTER SECTION OF SPREADER FRAME  
LOOKING FROM REAR OF MACHINE**

**BILL OF MATERIAL**

| ITEM # | PART #          | DESCRIPTION                                 |
|--------|-----------------|---------------------------------------------|
| 1      | CH901R          | SPREADER FRAME OUTSIDE RAIL (REAR)          |
| 2      | CH46            | SPREADER                                    |
| 3      | CH46R           | SPREADER MOUNTING RAIL                      |
| 4      | CH901F          | SPREADER FRAME OUTSIDE RAIL (FRONT)         |
| 5      | CH33-B          | REINFORCING PLATE FOR SPREADER FRAME        |
| 6      | CH33            | MOUNTING SOCKET FOR SUPPORT SPRING          |
| 7      | CH48            | SPREADER FRAME BRACE BARS                   |
| 8      | CH33-A          | REINFORCING PLATE FOR SPREADER FRAME        |
| 9      | 10-32 x 1       | 10-32 x 1" long SOCKET HEAD CAP SCREW       |
| 10     | 10-32 x 3/4     | 10-32 x 3/4" long SOCKET HEAD CAP SCREW     |
| 11     | 6-32 x 3/4      | 6-32 x 3/4" long SOCKET HEAD CAP SCREW      |
| 12     | 6-32 x 1/4 Torx | 6-32 x 1/4" long TORX SOCKET HEAD CAP SCREW |



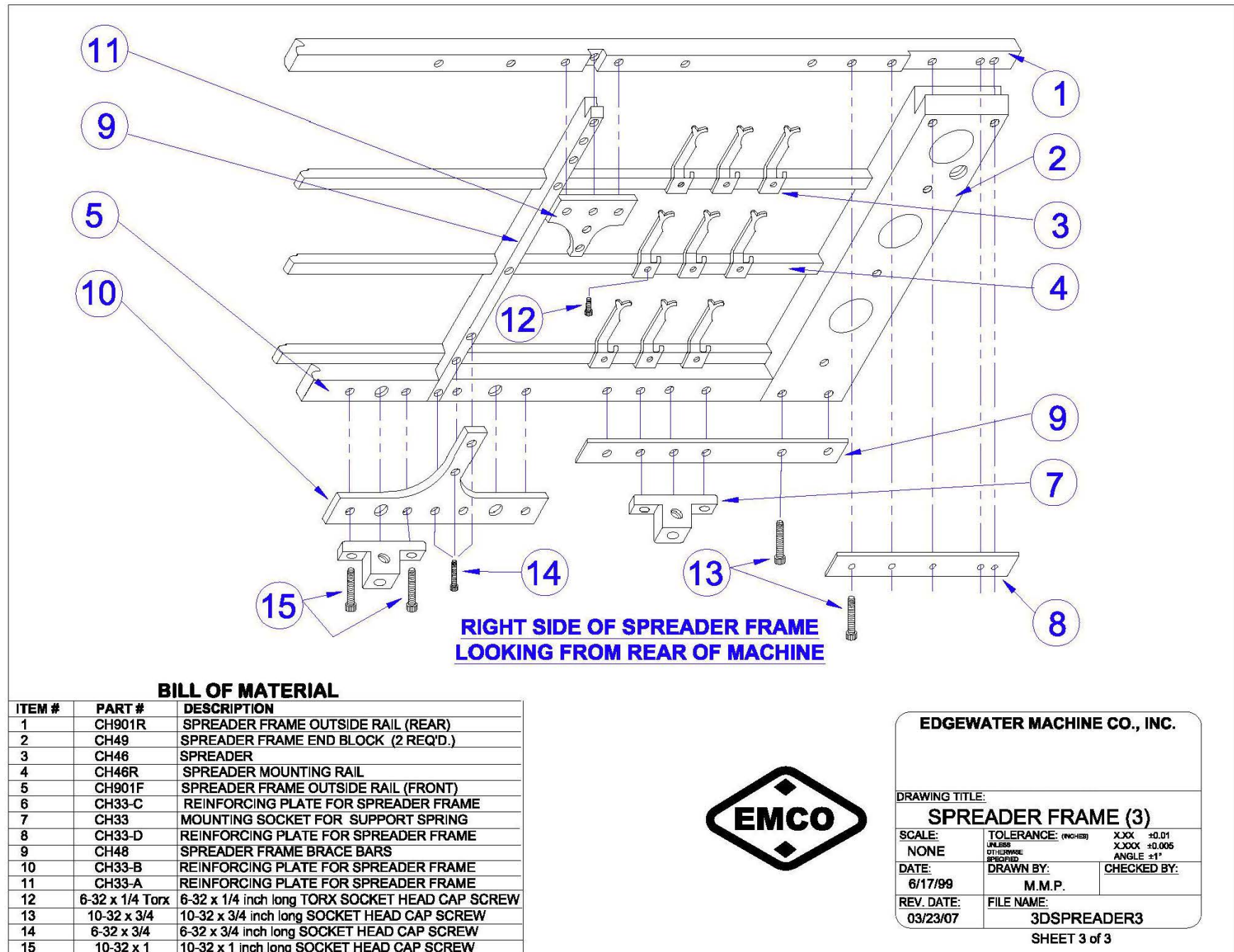
**EDGEWATER MACHINE CO., INC.**

DRAWING TITLE:

**SPREADER FRAME (2)**

|                        |                                                         |                                      |
|------------------------|---------------------------------------------------------|--------------------------------------|
| SCALE:<br>NONE         | TOLERANCE: (INCHES)<br>UNLESS<br>OTHERWISE<br>SPECIFIED | XXX ±0.01<br>XXX ±0.005<br>ANGLE ±1° |
| DATE:<br>6/17/99       | DRAWN BY:<br>M.M.P.                                     | CHECKED BY:                          |
| REV. DATE:<br>03/23/07 | FILE NAME:<br>3DSPREADER2                               |                                      |

SHEET 2 of 3

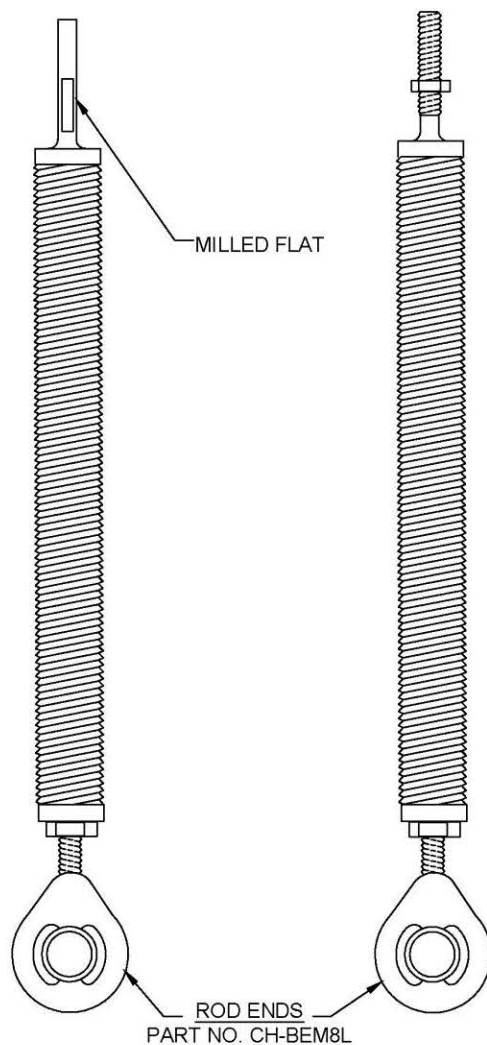




## NEW TYPE

FRONT SUPPORT SPRING  
PART NO. CH-38-SF

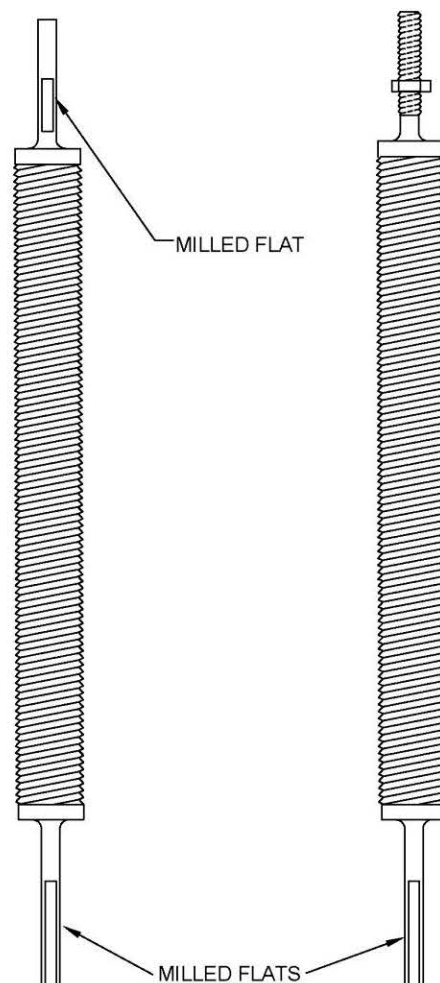
REAR SUPPORT SPRING  
PART NO. CH-38-SR



## OLD TYPE

FRONT SUPPORT SPRING  
PART NO. CH-38-SF-OT

REAR SUPPORT SPRING  
PART NO. CH-38-SR-OT

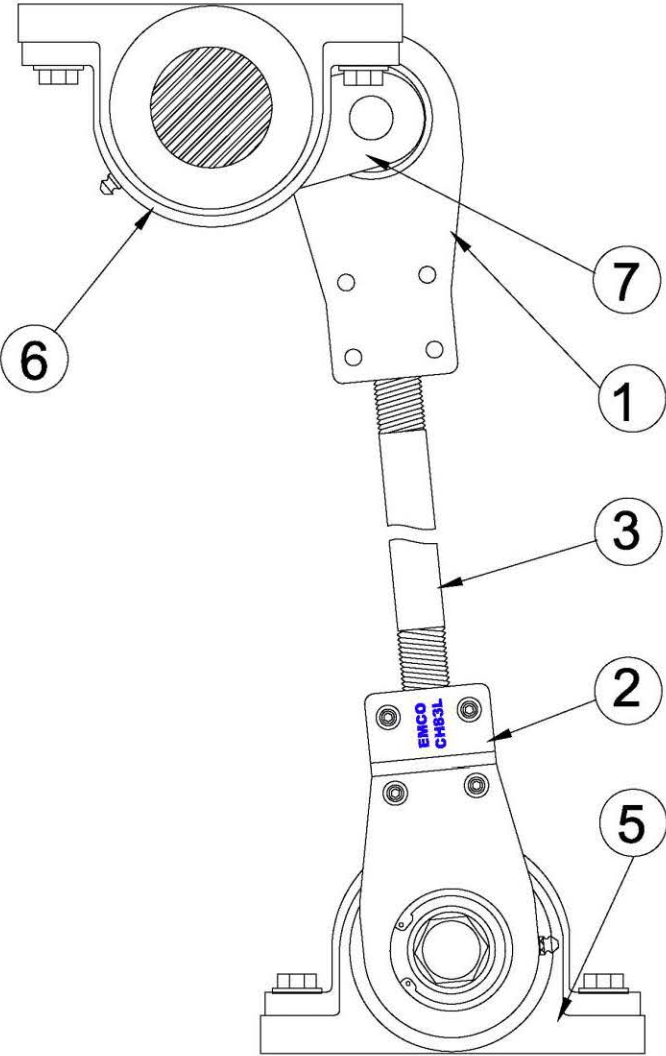


When ordering support springs,  
give part number of support spring  
as shown above picture at left.  
(Example part # - CH-38-SR-OT)



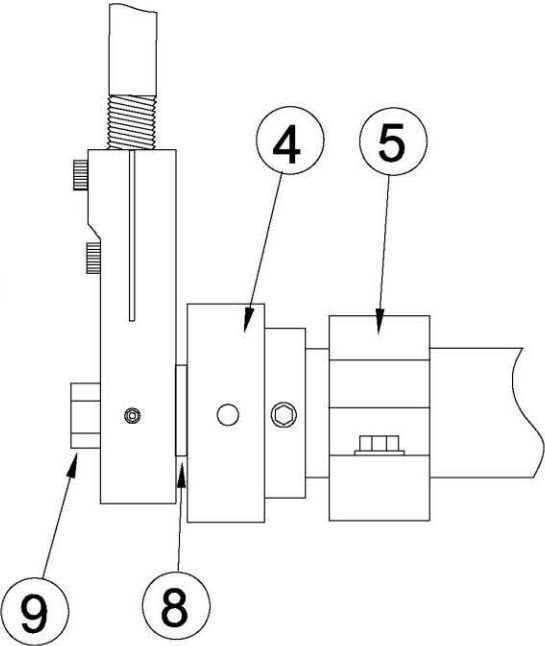
EDGEWATER MACHINE CO., IN

|                                                      |                            |                                           |        |
|------------------------------------------------------|----------------------------|-------------------------------------------|--------|
| DRAWING TITLE:<br>Support Springs for Spreader Frame |                            |                                           |        |
| SCALE:                                               | TOLERANCE: (INCHES)        | X.XX                                      | ±0.01  |
| None                                                 | UNLESS OTHERWISE SPECIFIED | X.XXX                                     | ±0.002 |
| DATE:                                                | DRAWN BY:                  | PART #:                                   |        |
| 06/11/99                                             | Roy S.                     | CH38-??-??                                |        |
| REV. DATE:                                           | FILE NAME:                 | CH38 - Support Springs for Spreader Frame |        |
| 08/17/05                                             |                            |                                           |        |



| BILL OF MATERIAL |           |                                                  |
|------------------|-----------|--------------------------------------------------|
| ITEM #           | PART #    | DESCRIPTION                                      |
| 1                | CH83R     | RIGHT HAND DRIVE LINK                            |
| 2                | CH83L     | LEFT HAND DRIVE LINK                             |
| 3                | CH67      | NEEDLE DRIVE CONNECTING ROD 1"-14 X 27.3/8" LONG |
| 4                | CH86-1-94 | NEEDLE DRIVE CRANK ECCENTRIC                     |
| 5                | CHMP48    | MAIN SHAFT PILLOW BLOCK BEARING, 3"              |
| 6                | CH-KC55-2 | 2" TOP ROCKER SHAFT PILLOW BLOCK BEARING         |
| 7                | CH63      | 2" TOP ROCKER SHAFT DRIVE LEVER                  |
| 8                | CH89-SW   | STEP WASHER, 24MM.                               |
| 9                | CH89      | SHOULDER BOLT, 24MM.                             |

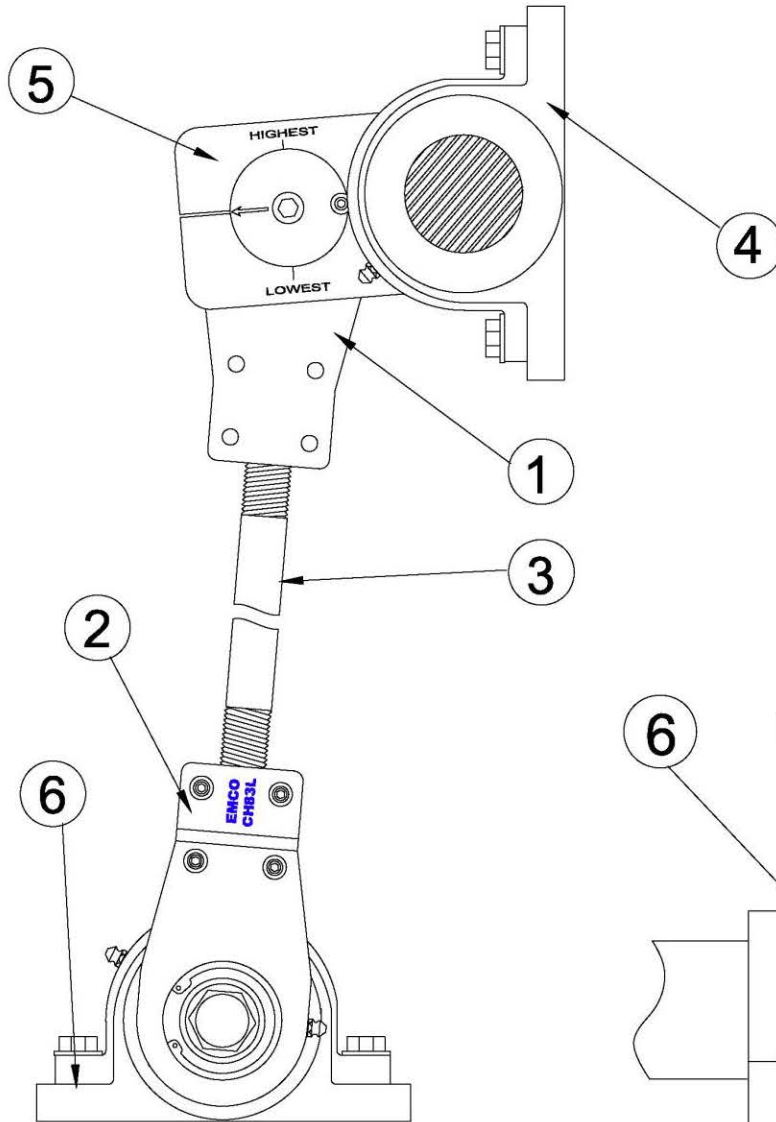
Needle Drive Top Rocker  
Shaft Drive Assembly



EDGEWATER MACHINE CO., INC.

|                                              |                            |         |        |
|----------------------------------------------|----------------------------|---------|--------|
| DRAWING TITLE:                               |                            |         |        |
| Needle Drive Top Rocker Shaft Drive Assembly |                            |         |        |
| SCALE:                                       | TOLERANCE: (INCHES)        | X.XX    | ±0.01  |
| None                                         | UNLESS OTHERWISE SPECIFIED | X.XXX   | ±0.002 |
| DATE:                                        | DRAWN BY:                  | PART #: |        |
| 10/25/99                                     | Roy S.                     |         |        |
| REV. DATE:                                   | FILE NAME:                 |         |        |
| 08/18/05                                     | ASSY-NEEDLE CH83R&L        |         |        |





**BILL OF MATERIAL**

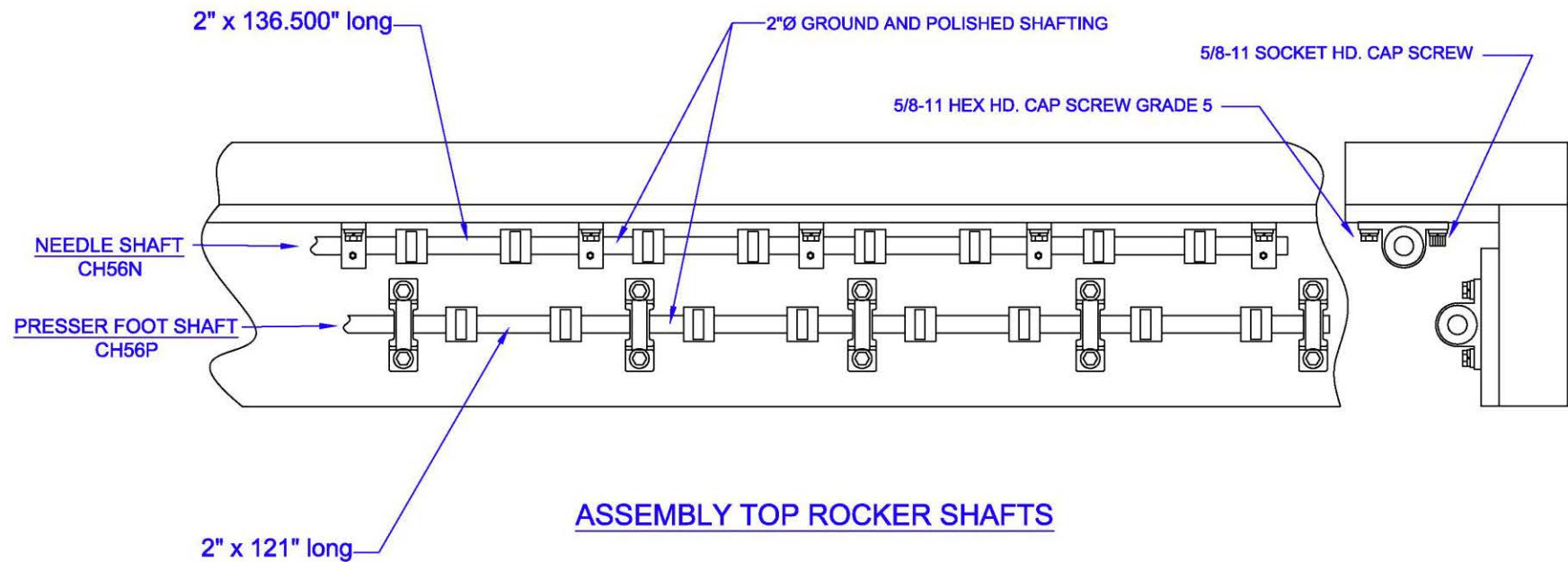
| ITEM # | PART #    | DESCRIPTION                                             |
|--------|-----------|---------------------------------------------------------|
| 1      | CH83R     | RIGHT HAND DRIVE LINK                                   |
| 2      | CH83L     | LEFT HAND DRIVE LINK                                    |
| 3      | CH68      | PRESSER FOOT DRIVE CONNECTING ROD 1" -14 X 22-1/8" LONG |
| 4      | CH-KC55-2 | 2" TOP ROCKER SHAFT PILLOW BLOCK BEARING                |
| 5      | CH63-93   | QUICK ADJUST PRESSER FOOT LEVER                         |
| 6      | CHMP48    | PRESSER FOOT DRIVE SHAFT 3" PILLOW BLOCK BEARING        |
| 7      | CH89-SW   | STEP WASHER, 24MM.                                      |
| 8      | CH89      | SHOULDER BOLT, 24MM.                                    |
|        |           |                                                         |
|        |           |                                                         |

**Presser Foot Top Rocker  
Shaft Drive Assembly**



**EDGEWATER MACHINE CO., INC.**

|                                              |                            |              |
|----------------------------------------------|----------------------------|--------------|
| DRAWING TITLE:                               |                            |              |
| Presser Foot Top Rocker Shaft Drive Assembly |                            |              |
| SCALE:                                       | TOLERANCE: (INCHES)        | X.XX ±0.01   |
| None                                         | UNLESS OTHERWISE SPECIFIED | X.XXX ±0.002 |
| DATE:                                        | DRAWN BY:                  | PART #:      |
| 10/25/99                                     | Roy S.                     |              |
| REV. DATE:                                   | FILE NAME:                 |              |
| 08/18/05                                     | ASSY-PRESSER FOOT          | CH83R&L      |



**Note:**

Rear screws on top bearings are socket head cap screws.  
Front screws on top bearings are hex head cap screws.

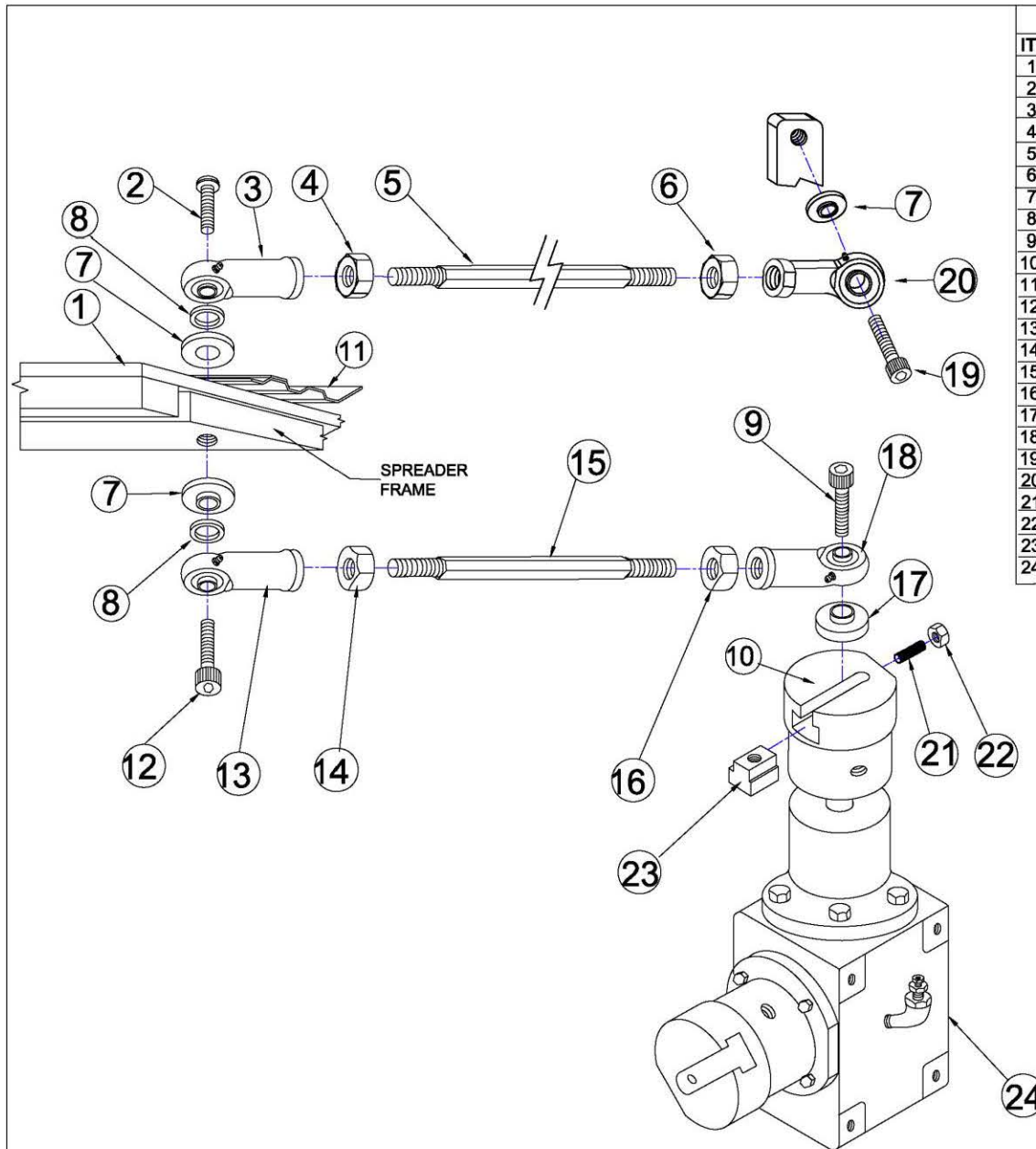
Screws on lower bearings are all hex head cap screws.



**EDGEWATER MACHINE CO., INC.**

|                            |                            |             |        |
|----------------------------|----------------------------|-------------|--------|
| DRAWING TITLE:             |                            |             |        |
| ASSEMBLY TOP ROCKER SHAFTS |                            |             |        |
| SCALE:                     | TOLERANCE: (INCHES)        | X.XX        | ±0.01  |
|                            | UNLESS OTHERWISE SPECIFIED | X.XXX       | ±0.005 |
|                            |                            | ANGLE       | ±1°    |
| DATE:                      | DRAWN BY:                  | CHECKED BY: |        |
| 08/07/05                   | Roy S.                     |             |        |
| REV. DATE:                 | FILE NAME:                 |             |        |
| 06/26/06                   | ASSY TOP ROCKER SHAFTS     |             |        |



**BILL OF MATERIAL**

| ITEM # | PART #     | DESCRIPTION                                |
|--------|------------|--------------------------------------------|
| 1      | CH1214     | NEEDLE PLATE                               |
| 2      |            | 12mm X 30mm BUTTON SOCKET HEAD CAP SCREW   |
| 3      | CH69-R     | 12mm R.H. ROD END                          |
| 4      |            | 12mm R.H. NUT                              |
| 5      | CH69-NSR   | CONNECTING ROD (ALUM.) 12mm X 12.3/4" LONG |
| 6      |            | 12mm L.H. NUT                              |
| 7      | CH86-SW-C  | STEPPED SPACER WASHER 12mm (.210-.325)     |
| 8      | CH86-OR    | "O" RING                                   |
| 9      |            | 12mm X 45mm SOCKET HEAD CAP SCREW          |
| 10     | CH86-2-93  | ECCENTRIC                                  |
| 11     | CH1500L    | PRESSER FOOT PLATE L.H.                    |
| 12     |            | 12mm X 40mm SOCKET HEAD CAP SCREW          |
| 13     | CH69-R     | 12mm R.H. ROD END                          |
| 14     |            | 12mm R.H. NUT                              |
| 15     | CH86-CR-SF | 12mm CONNECTING ROD x 6" LONG(STEEL)       |
| 16     |            | 12mm L.H. NUT                              |
| 17     | CH86-SW-D  | STEPPED SPACER WASHER 12mm (.325)          |
| 18     | CH69-L     | 12mm L.H. ROD END                          |
| 19     |            | 12mm X 40mm SOCKET HEAD CAP SCREW          |
| 20     | CH69-L     | 12mm L.H. ROD END                          |
| 21     |            | 5/16-18 X 1-1/4" SET SCREW                 |
| 22     |            | 5/16-18 JAM NUT                            |
| 23     | CH78TN     | "T" NUT (12mm)                             |
| 24     | CH165HB    | GEAR BOX                                   |

**EDGEWATER MACHINE CO., INC.****DRAWING TITLE:****SPREADER FRAME LEFT AND RIGHT**

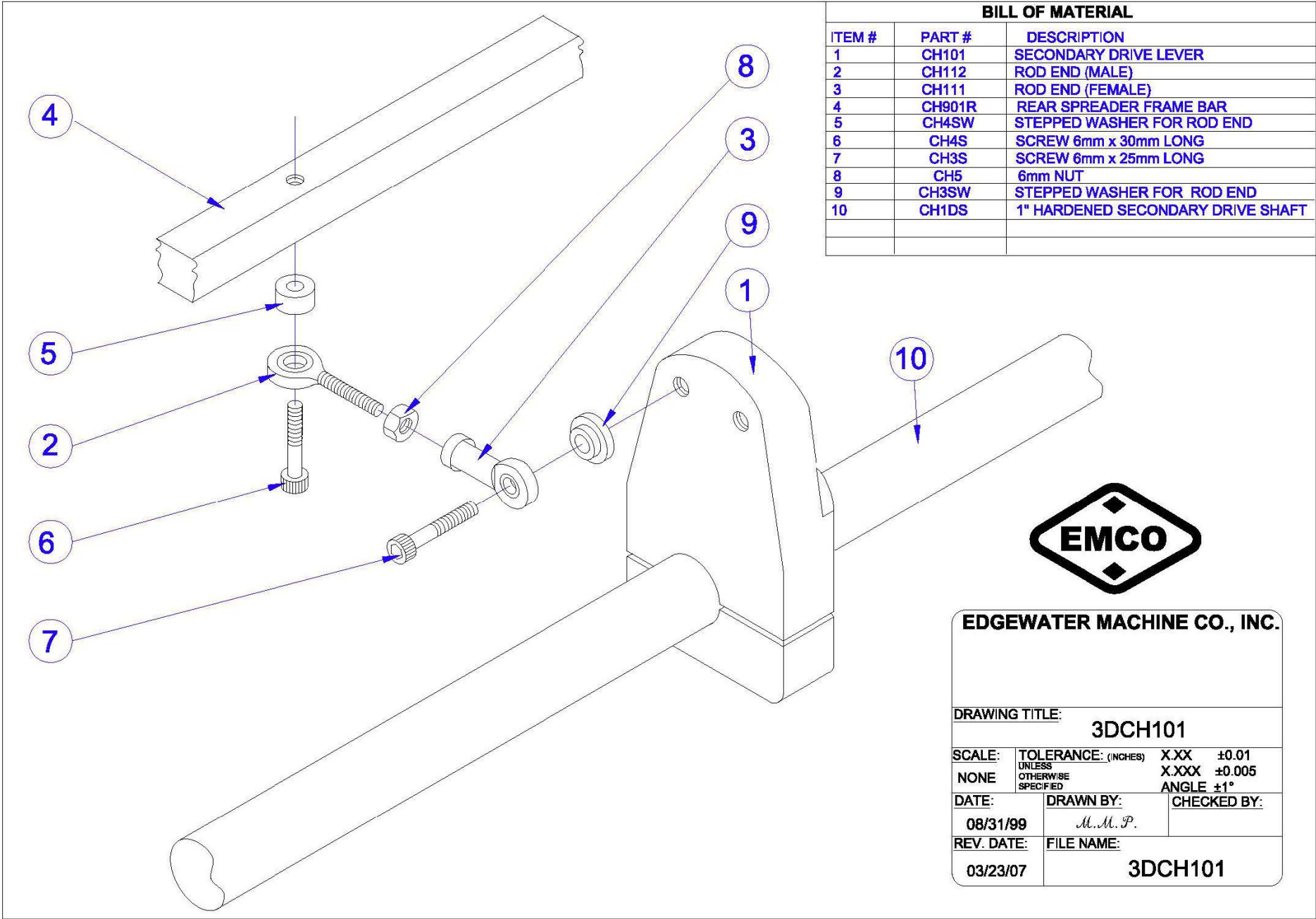
|        |                            |              |
|--------|----------------------------|--------------|
| SCALE: | TOLERANCE: (INCHES)        | X.XX ±0.01   |
| NONE   | UNLESS OTHERWISE SPECIFIED | X.XXX ±0.005 |
|        |                            | ANGLE ±1°    |

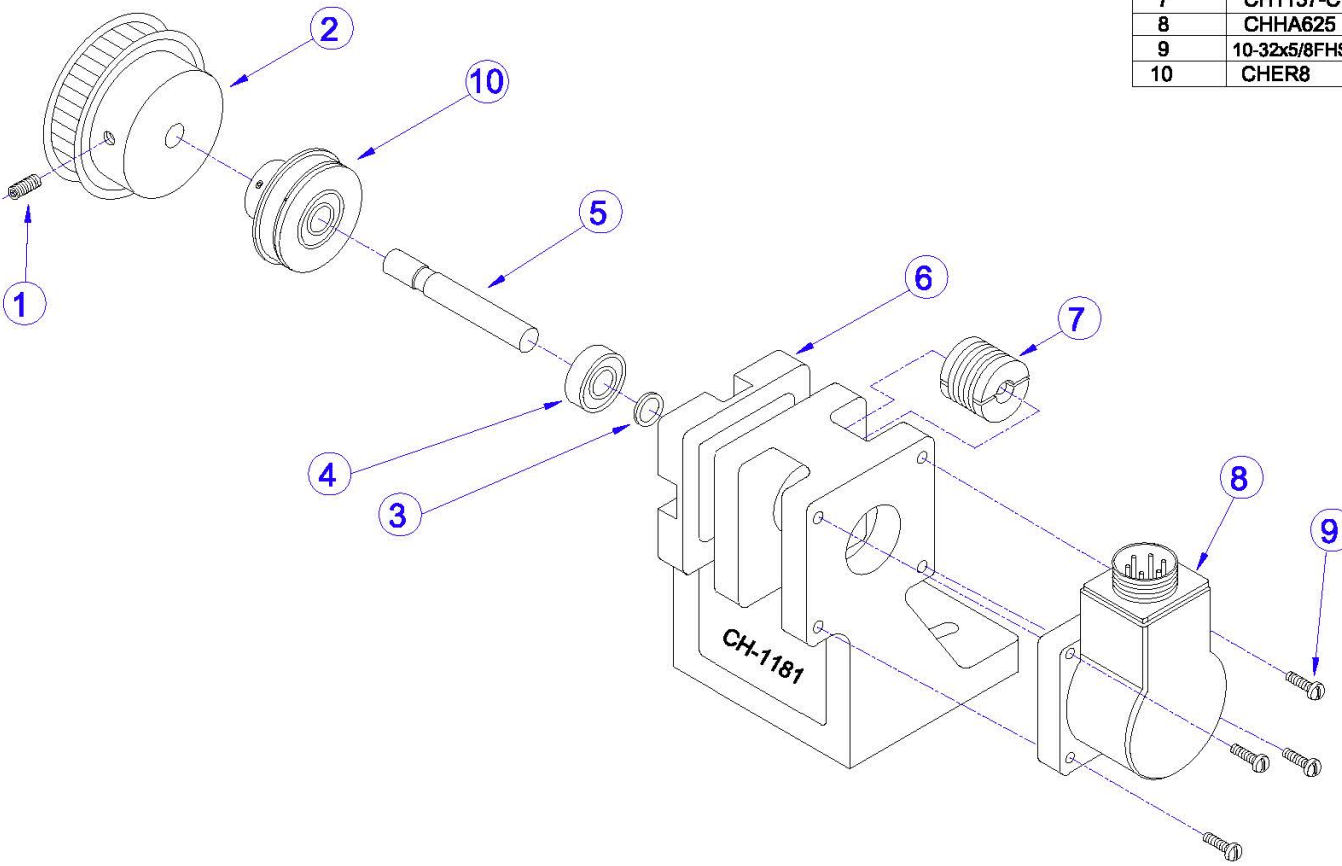
|       |           |             |
|-------|-----------|-------------|
| DATE: | DRAWN BY: | CHECKED BY: |
|-------|-----------|-------------|

|          |        |  |
|----------|--------|--|
| 06/07/00 | M.M.P. |  |
|----------|--------|--|

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

|          |                      |
|----------|----------------------|
| 06/26/06 | 3DSPREADER FRAME L&R |
|----------|----------------------|





| BILL OF MATERIAL |                |                                         |
|------------------|----------------|-----------------------------------------|
| ITEM #           | PART #         | DESCRIPTION                             |
| 1                | 5/16-18x3/8SS  | SET SCREW 5/16 -18 X 3/8" LONG.         |
| 2                | 30L050         | TIMING PULLEY                           |
| 3                | 1/2x5/8x1/16W  | WASHER 1/2" ID X 5/8" OD X 1/16" THK.   |
| 4                | R8-2RS         | BEARING                                 |
| 5                | CH1181-1/2x3.5 | 1/2" Ø SHAFT WITH UNDERCUT- 3.1/2" LONG |
| 6                | CH-1181        | ENCODER BRACKET                         |
| 7                | CH1157-C       | ALUMINUM COUPLING 3/8" X 1/2"           |
| 8                | CHHA625        | MAIN SHAFT ENCODER                      |
| 9                | 10-32x5/8FHS   | SCREW 10-32 X 5/8" LONG                 |
| 10               | CHER8          | 1/2" BEARING                            |



**EDGEWATER MACHINE CO., INC.**

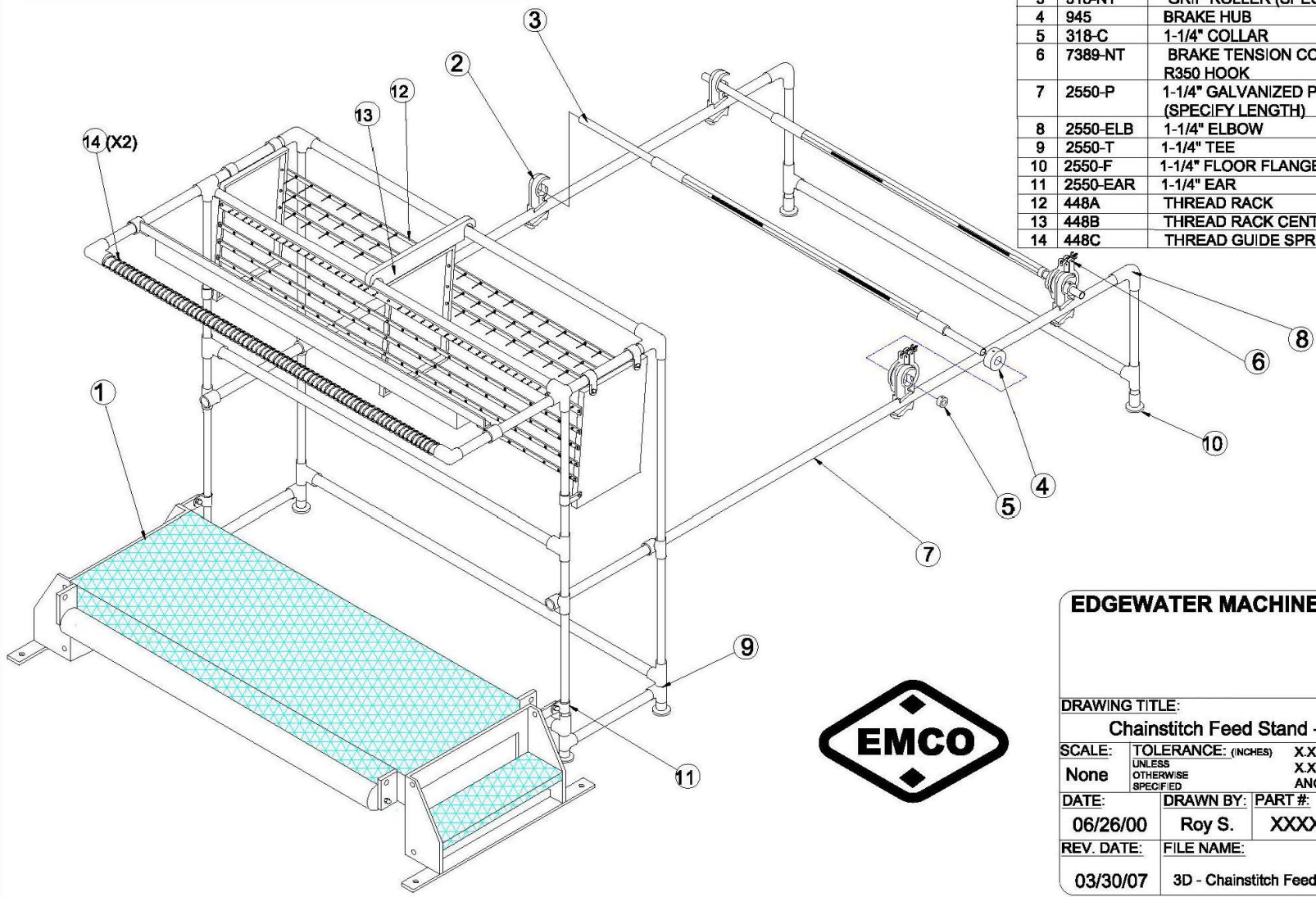
DRAWING TITLE:  
**3D CH1181 Encoder Bracket**

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

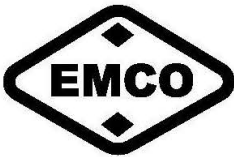
|            |                           |         |
|------------|---------------------------|---------|
| DATE:      | DRAWN BY:                 | PART #: |
| 06/26/06   | Roy S.                    | CH1181  |
| REV. DATE: | FILE NAME:                |         |
| 12/19/07   | 3D CH1181 Encoder Bracket |         |



**STANDARD 2 ROLL  
MATERIAL HANDLING PACKAGE**



| BILL OF MATERIAL |          |                                         |
|------------------|----------|-----------------------------------------|
| ITEM #           | PART #   | DESCRIPTION                             |
| 1                | 702550   | FEED STAND                              |
| 2                | R350     | GRIP ROLLER HOOK                        |
| 3                | 318-NT   | GRIP ROLLER (SPECIFY LENGTH)            |
| 4                | 945      | 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               | 448A     | THREAD RACK                             |
| 13               | 448B     | THREAD RACK CENTER SUPPORT              |
| 14               | 448C     | THREAD GUIDE SPRINGS                    |



**EDGEWATER MACHINE CO., INC.**

|                                 |                                      |              |
|---------------------------------|--------------------------------------|--------------|
| DRAWING TITLE:                  |                                      |              |
| Chainstitch Feed Stand - 2 Roll |                                      |              |
| SCALE:                          | TOLERANCE: (INCHES)                  | X.XX ±0.01   |
| None                            | UNLESS OTHERWISE SPECIFIED           | X.XXX ±0.002 |
|                                 |                                      | ANGLE ±1°    |
| DATE:                           | DRAWN BY:                            | PART #:      |
| 06/26/00                        | Roy S.                               | XXXXXXXXXX   |
| REV. DATE:                      | FILE NAME:                           |              |
| 03/30/07                        | 3D - Chainstitch Feed Stand - 2 Roll |              |