

U.S. INDUSTRIAL MACHINERY

HYDRAULIC SHEARS



Equipment for the American Industry
120 Webster Ave. Memphis, TN 38126
800-860-1850 Fax:901-526-2339

U.S. INDUSTRIAL MACHINERY

US SERIES HYDRAULIC SHEARS

U.S. Industrial series of hydraulic swingbeam shears are the newest generation of reliable shears. Many up to date technologies that are incorporated into these shears dramatically improve the performance and the efficiency of the shears.

The new CNC control system can program the backgauge length, blade gap and stroke length as well as cutting number through a touch screen enabling the shear to make the finest, smoothest cut. The new system also tremendously increases the productivity and cutting consistency.

STANDARD FEATURES:

- High Carbon, High Chrome Shear Blades
- Manual Quick Change Blade Gap Adjustment
- Front Controlled Power Backgauge
- Hydraulic, Electrical Overload Protection
- Automatic Swing - up Backgauge
- Swing Beam Design
- Operator Control Console
- Low Noise Gear Pump
- Pressure Sensing Hold-downs
- Hold-downs Faced with Anti-mar Neoprene
- Shadow Lighting
- Stroke Counter
- Electric Stroke Adjustment
- Blade Guard, Micro Switch Protection
- Bolt on Table Segments
- 1" Ball Transfers
- Squaring Arm, 43, 1/2" from Blade to End
- Support Arms

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OPTIONAL EQUIPMENT

- 3 Axis CNC Programmable Backgauge
 - Touch Screen Operated
 - Controls Backgauge Depth, Blade Gap Adjustment and Stroke Length
 - 200 Program Storage Capacity
 - Can Be Operated in Manual or Automatic Mode
- Material Support
- Pneumatic Sheet Lift
- Front & Rear Protection Guards
- 48" Backgauge
- 6 Foot Squaring Arm
- 8 Foot Squaring Arm
- 10 Foot Squaring Arm



CNC Control



Standard Control



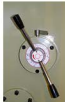
Material Support



Pneumatic Sheet Lift



Electrical Cabinet



Blade Gap



Anti Mar Neoprene
Hold Downs



Swing Up Back Gauge

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U.S. INDUSTRIAL CNC HYDRAULIC SHEARS

| MODEL | CAPACITY | SHEAR ANGLE | NO LOAD STROKES | RANGE OF BACKGAUGE (inches) | MAIN MOTOR (H.P.) | NET WEIGHT (Lbs) | LENGTH (Inches) | WIDTH (Inches) | HEIGHT (Inches) | OIL CAPACITY (Gallons) | TABLE HEIGHT (Inches) |
|-----------|-------------|-------------|-----------------|-----------------------------|-------------------|------------------|-----------------|----------------|-----------------|------------------------|-----------------------|
| US8156 | 8' x 5/32" | 1 Deg. 30' | 17 | 0.75"-36" | 10 | 9,479 | 123 | 59 | 57 | 56 | 25.5 |
| US625* | 6 x 1/4" | 1 Deg. 30' | 16 | 0.75"-36" | 15 | 11,023 | 103 | 63 | 63 | 44 | 31.4 |
| US825 * | 8' x 1/4" | 1 Deg. 30' | 16 | 0.75"-36" | 15 | 13,227 | 123 | 63 | 63 | 56 | 31.4 |
| US1025* | 10' x 1/4" | 1 Deg. 30' | 14 | 0.75"-36" | 15 | 15,550 | 157 | 63 | 63 | 66 | 31.4 |
| US1325* | 13' x 1/4" | 1 Deg. 30' | 11 | 0.75"-36" | 15 | 22,046 | 182 | 66 | 66 | 66 | 31.4 |
| US83125 | 8' x 5/16" | 1 Deg. 30' | 16 | 0.75"-36" | 15 | 14,330 | 123 | 63 | 63 | 56 | 31.4 |
| US103125 | 10' x 5/16" | 1 Deg. 30' | 14 | 0.75"-36" | 15 | 17,196 | 157 | 63 | 63 | 66 | 31.4 |
| US133125 | 13' x 5/16" | 1 Deg. 30' | 11 | 0.75"-36" | 15 | 24,250 | 182 | 66 | 66 | 66 | 31.4 |
| US8375 | 8' x 3/8" | 1 Deg. 48' | 11 | 0.75"-36" | 20 | 19,841 | 131 | 80 | 70 | 66 | 31.4 |
| US10375* | 10' x 3/8" | 1 Deg. 48' | 10 | 0.75"-36" | 20 | 24,250 | 159 | 80 | 70 | 87 | 31.4 |
| US13375 * | 13' x 3/8" | 1 Deg. 30' | 9 | 0.75"-36" | 20 | 30,864 | 193 | 88 | 80 | 113 | 31.4 |
| US8500 | 8' x 1/2" | 1 Deg. 48' | 11 | 0.75"-36" | 25 | 21,605 | 131 | 80 | 70 | 64 | 31.4 |
| US10500 | 10' x 1/2" | 1 Deg. 48' | 10 | 0.75"-36" | 25 | 26,455 | 159 | 80 | 70 | 87 | 31.4 |
| US13500 | 13' x 1/2" | 1 Deg. 30' | 9 | 0.75"-36" | 30 | 33,069 | 193 | 88 | 80 | 113 | 31.4 |
| US8625 | 8' x 5/8" | 2 Deg. | 8 | 0.75"-36" | 30 | 28,660 | 129 | 88 | 84 | 121 | 31.4 |
| US10625 | 10' x 5/8" | 2 Deg. | 8 | 0.75"-36" | 30 | 33,069 | 161 | 88 | 84 | 137 | 31.4 |
| US13625 | 13' x 5/8" | 2 Deg. | 6 | 0.75"-36" | 40 | 37,478 | 188 | 90 | 88 | 137 | 31.4 |
| US8750 | 8' x 1/2" | 2 Deg. | 7 | 0.75"-36" | 40 | 35,273 | 131 | 90 | 88 | 118 | 31.4 |
| US10750 | 10' x 1/2" | 2 Deg. | 7 | 0.75"-36" | 40 | 39,683 | 161 | 90 | 88 | 137 | 31.4 |
| US13750 | 13' x 1/2" | 2 Deg. 30' | 6 | 0.75"-36" | 50 | 48,500 | 188 | 109 | 94 | 216 | 35.8 |

* = Stock

Machines are not shipped with hydraulic oil.

Machines must be shipped on flat bed, air ride trailer and tarped.

All items in this publication are subject to change without notification

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