

Shears Specifications

- ➔ Massive unitized frame
- ➔ 80,000 P.S.I. steel capacity.
- Guillotine straight line cutting action.
- ➔ 100% Owned, Operated and Manufactured completely in the U.S.A.
- ➔ All components from U.S. suppliers like Square D electrics and Vickers hydraulics that are readily available from your local vendors.
- ➔ Simple and easy to understand controls.
- ➔ Complete O.S.H.A. and ANSI B11.4 compliance.
- ➔ Shadow light for precision shearing line.
- ➔ **Heavy duty 3 position footswitch.**
- ➔ **Fully adjustable stroke length with full capacity throughout the entire stroke.**
- ➔ Extremely heavy duty 36" travel, PLC controlled backgauge with "go-To" control and multi-level programming.
- ➔ Manual swingaway backstop for shearing pieces longer than the travel of the backgauge.
- ➔ Clear area under backgauge for stacking/conveying equipment.
- ➔ Rear backgauge shaft is fitted with couplings to allow end to end adjustment of the backstop
- ➔ Complete control of all operations located on front of shear.
- ➔ Digital display showing precise location of backstop in inches or millimeters.
- ➔ Overload protection to prevent damage to machine.
- ➔ Meets J.I.C. standards with liquid tight enclosures and magnetic starter.
- ➔ Inch mode allows complete ram control throughout stroke.
- ➔ Complete control of all operations located on front of shear.
- ➔ Digital display showing precise location of backstop in inches or millimeters.
- ➔ Overload protection to prevent damage to machine.
- ➔ Inch mode allows complete ram control throughout stroke.
- ➔ Meets J.I.C. standards with liquid tight enclosures and magnetic starter.

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Shear Model	AS500-8	AS500-10	AS500-12	AS500-14	AS625-10	AS625-12	AS750-10	AS750-12	AS750-14	AS1000-10	AS1000-12
Cap. to Mild Steel (A36)	1/2" x 8'	1/2" x 10'	1/2" x 12'	1/2" x 14'	5/8" x 10'	5/8" x 12'	3/4" x 10'	3/4" x 12'	3/4" x 14'	1" x 10'	1" x 12'
Cap. to Stainless Steel	3/8" x 8'	3/8" x 10'	3/8" x 12'	3/8" x 14'	7/16" x 10'	7/16" x 12'	1/2" x 10'	1/2" x 12'	1/2" x 14'	3/4" x 10'	3/4" x 12'
Shearing tons available	90	90	90	90	130	130	180	180	180	275	275
Rake in inches per foot	.46"	.46"	.46"	.46"	.47"	.47"	.47"	.47"	.47"	.62"	.62"
Shipping height	92"	105"	106"	122"	115"	120"	118"	125"	146"	136"	148"
Width	127"	150"	174"	202"	154"	178"	154"	178"	210"	164"	180"
Depth	85"	95"	97"	100"	88"	88"	88"	88"	105"	98"	102"
# of hold down cylinders	9	11	13	15	11	13	11	13	15	11	13
Bore of hold downs	3"	3"	3"	3"	3"	3"	4"	4"	4"	4"	4"
Hold down tons of force	80	99	117	132	105	125	140	160	180	165	195
Weight	20,000 lbs.	30,000 lbs.	42,000 lbs.	52,000 lbs.	36,000 lbs.	52,000 lbs.	44,000 lbs.	62,000 lbs.	80,000 lbs.	64,000 lbs.	74,000 lbs.
Horsepower	40	40	40	50	60	60	60	60	60	75	75
Full width S.P.M	10	9	8	8	8	7	7 to 9	6 to 8	5 to 7	5 to 8	4 to 7
12" wide S.P.M.	24	24	24	24	19	18	18	18	18	17	17
Below grade	No	No	No	No	No	No	No	Yes	Yes	No	Yes
Ram speed down (I.P.M.)	99	99	99	118	89	89	109/64	109/64	109/64	109/48	109/48
Ram speed up (I.P.M.)	179	179	179	213	180	180	248	248	248	300	300