



# BSH Shears

Photos not necessarily representative of new equipment



Model #		BSH-26-1305B	BSH-30-1435B	BSH-30-1605B	BSH-30-2205B
Shear	Width A	60" (1524mm)	60" (1524mm)	61" (1549mm)	61" (1549mm)
Throat	Height B	28" (711mm)	32" (813mm)	40" (1016mm)	42" (1067mm)
Clamp Height (retracted)	C	31" (787mm)	41" (1041mm)	40" (1016mm)	45" (1143mm)
Shear Box (open)	Width D	10'7" (3226mm)	12'10" (3912mm)	13'6" (4115mm)	14'1" (4293mm)
	Depth E	64" (1625mm)	73" (1854mm)	73" (1854mm)	72" (1828mm)
	Length F	26' (7925mm)	30' (9144mm)	30' (9144mm)	30' (9144mm)
Shear Box (closed)	Width G	58" (1473mm)	58" (1473mm)	58" (1473mm)	58" (1473mm)
	Depth H	30" (762mm)	40" (1016mm)	44" (1118mm)	48" (1219mm)
	Length F	26' (7925mm)	30' (9144mm)	30' (9144mm)	30' (9144mm)
Maximum Height	J	26'3" (8001mm)	26'11" (8204mm)	29'8" (9042mm)	33'3" (10135mm)
Width Overall	K	23'5" (7137mm)	28'9" (8763mm)	29'4" (8941mm)	31'6" (9601mm)
Length Overall	L	62'8" (19101mm)	70'9" (21566mm)	71'4" (21742mm)	72'9" (22174mm)
Hopper Loading Area	Height M	17'2" (5232mm)	17'2" (5232mm)	17'6" (5334mm)	15'11" (4851mm)
	Width N	9'5" (2870mm)	9'5" (2870mm)	9'5" (2870mm)	14'2" (4318mm)
	Length F	25'10" (7874mm)	29'10" (9093mm)	29'10" (9093mm)	30' (9144mm)
Shearing Capacity	MSP inches	5 x 58	5.25 x 58	5.5 x 58	6.75 x 58
Shear Force	mm	127 x 1473	133 x 1473	140 x 1473	171 x 1413
		1327 tons	1407 tons	1602 tons	2205 tons
Clamp Force		1204 t	1276 t	1453 t	2000 t
		373 tons	396 tons	385 tons	735 tons
		338 t	359 t	349 t	667 t
Cuts Per Minute (based on 18" cuts)		3.5 - 3.75	3 - 3.5	2.5 - 3	3 - 3.5
Production Rate (TPH)		34 - 44	40 - 48	35 - 45	45 - 55
Horse Power		500	500	600	1400
Gross Weight		290 tons	415 tons	508 tons	675 tons
		263 t	376 t	461 t	609 t
<b>Hydraulic Specifications</b>					
Hydraulic System	PSI	3300/1600	3500/1600	3400/2000	3250/2400
Shear	in. (mm)	32 (813)	32 (813)	3- 20 (76-508)	3- 24 (76-610)
Cylinders	tons. (t)	1327 (1204)	1407 (1276)	1602 (1453)	2205 (2000)
Clamp	diameter in. (mm)	2- 12 (51-305)	2- 12 (51-305)	2- 12 (51-305)	24 (610)
Cylinder	force tons. (t)	373 (338)	396 (359)	385 (349)	735 (667)
Feed	diameter in. (mm)	12 (305)	14 (356)	14 (356)	14 (356)
Cylinder	force tons. (t)	187 (170)	185 (168)	254 (231)	185 (168)
Box Cylinder (each side)	diameter in. (mm)	12 (305)	2- 12 (51-305)	2- 12 (51-305)	2- 14 (51-356)
	force tons. (t)	187 (170)	373 (339)	385 (349)	370 (343)
Arm Cylinders (each arm)	diameter in. (mm)	9 (229)	2- 9 (51-229)	2- 9 (51-229)	2- 10 (51-254)
	force tons. (t)	105 (95)	210 (190)	216 (196)	190 (172)
Hopper	diameter in. (mm)	6 (152)	6 (152)	8 (203)	8 (203)
Cylinder	force tons. (t)	47 (43)	47 (43)	85 (77)	60 (54)

## Processes

- Auto Scrap
- Steel Mill Scrap
- Selected freight car & ship sections
- Shapes, pipe, plate
- No. 2 Heavy Melting Scrap
- Selected No. 1 Heavy Melting Scrap

Safety Guards or Mechanisms may be Removed for Photo Purposes Only

The Harris BSH Shears feature: Advanced Hydraulic System, Positive Knife Adjustment, Strategically placed piping, Protected Lube Line, Flooded Suction pumps, Easier Installation, Greased Lube System, High Quality Abrasion Resistant material replaceable liners, Side dump hopper, Independent thru-bolt hinges, and OIT (operator interface terminal) screen



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