



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
Hydraulic Specifications						
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)

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Processes

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- No. 2 Heavy Melting Scrap
- Selected No. 1 Heavy Melting Scrap

Safety Guards or Mechanisms may be Removed for Photo Purposes Only

200 Clover Reach Dr
Peachtree City, GA 30269

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

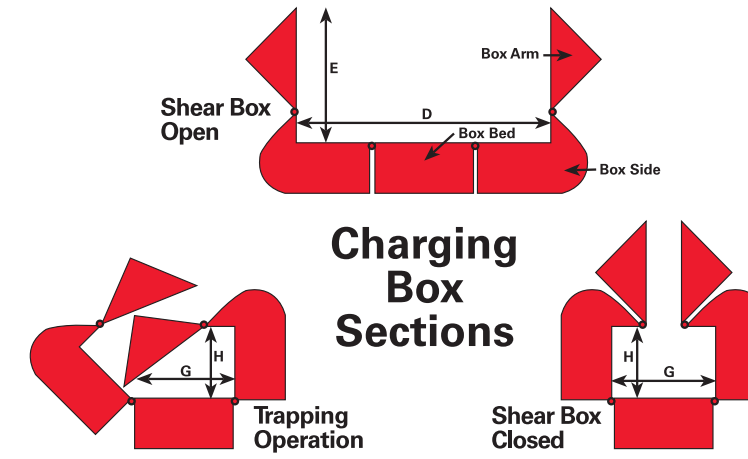
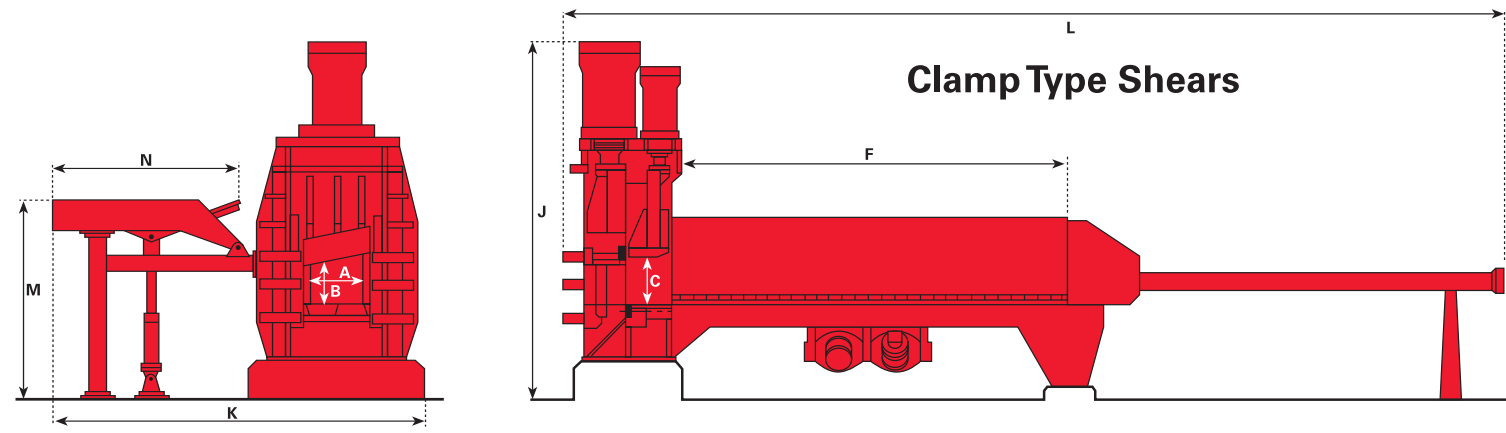


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Featuring the patented “Tuck-and-Fold” compression box, which densifies the material before shearing, Harris BSH shears are available in capacities of up to 2,200 tons. The “Tuck-and-Fold” compression box reduces pre-processing time with fewer cutting torch operations, allowing faster feeding and greater production.

Other exclusive features include a wide-open charge hopper for faster loading of irregular scrap, an easy-to-service power unit, and Teflon-protected pistons for minimum friction and more hours of trouble-free operation.

Model #		BSH-22-883B	BSH-22-883B-4	BSH-22-1023B	BSH-22-1023B-4	BSH-26-1023B	BSH-26-1023B-4	BSH-26-1025B-3	BSH-26-1113B	BSH-26-1113B-4	BSH-26-1115B	BSH-30-1123B
Shear Throat	Width A	36" (914mm)	36" (914mm)	37" (940mm)	37" (940mm)	37" (940mm)	37" (940mm)	60" (1524mm)	37" (940mm)	37" (940mm)	60" (1524mm)	37" (940mm)
	Height B	26" (660mm)	26" (660mm)	30" (762mm)	30" (762mm)	30" (762mm)	30" (762mm)	28" (711mm)	30" (762mm)	30" (762mm)	30" (762mm)	36" (914mm)
Clamp Height (retracted)	C	32" (813mm)	32" (813mm)	36" (914mm)	36" (914mm)	36" (914mm)	36" (914mm)	30" (762mm)	36" (914mm)	36" (914mm)	36" (914mm)	42" (1067mm)
Shear Box (open)	Width D	8'1" (2464mm)	8'1" (2464mm)	9'7.5" (2934mm)	9'6" (2896mm)	9'7.5" (2934mm)	9'7.5" (2934mm)	10'7" (3226mm)	9'7.5" (2934mm)	9'7.5" (2934mm)	10'7.5" (3239mm)	12'1" (3683mm)
	Depth E	57" (1448mm)	57" (1448mm)	52" (1321mm)	52" (1321mm)	52" (1321mm)	52" (1321mm)	65" (1651mm)	52" (1321mm)	52" (1321mm)	65" (1651mm)	60" (1524mm)
	Length F	22' (6706mm)	22' (6706mm)	22' (6706mm)	22' (6706mm)	26' (7925mm)	26' (7925mm)	26' (7925mm)	26' (7925mm)	26' (7925mm)	26' (7925mm)	26' (7925mm)
Shear Box (closed)	Width G	34" (864mm)	34" (864mm)	34" (864mm)	34" (864mm)	34" (864mm)	34" (864mm)	58" (1473mm)	34" (864mm)	34" (864mm)	58" (1473mm)	34" (864mm)
	Depth H	32" (813mm)	32" (813mm)	36" (914mm)	36" (914mm)	36" (914mm)	36" (914mm)	30" (762mm)	36" (914mm)	36" (914mm)	30" (762mm)	48" (1219mm)
	Length F	22' (6706mm)	22' (6706mm)	22' (6706mm)	22' (6706mm)	26' (7925mm)	26' (7925mm)	26' (7925mm)	26' (7925mm)	26' (7925mm)	26' (7925mm)	30' (9144mm)
Maximum Height	J	21'7" (6579mm)	21'7" (6579mm)	22'11" (6985mm)	22'11" (6985mm)	22'11" (6985mm)	22'11" (6985mm)	25'4" (7722mm)	22'11" (6985mm)	22'11" (6985mm)	25'4" (7722mm)	24'6" (7468mm)
Width Overall	K	20'5" (6223mm)	20'5" (6223mm)	22'6" (6858mm)	22'6" (6858mm)	22'6" (6858mm)	22'6" (6858mm)	23'3" (7087mm)	22'6" (6858mm)	22'6" (6858mm)	23'3" (7087mm)	28'9" (8763mm)
Length Overall	L	52'9" (16078mm)	52'9" (16078mm)	53'8" (16358mm)	53'8" (16358mm)	62'3" (18974mm)	62'3" (18974mm)	62'3" (18974mm)	62'6" (19050mm)	62'6" (19050mm)	62'3" (18974mm)	71'10" (21895mm)
Hopper Loading Area	Height M	13'1" (3988mm)	13'1" (3988mm)	13'9" (4191mm)	13'9" (4191mm)	13'9" (4191mm)	13'9" (4191mm)	15'2" (4623mm)	13'10" (4216mm)	13'10" (4216mm)	15'2" (4623mm)	14' (4267mm)
	Width N	8'8" (2642mm)	8'8" (2642mm)	8'8" (2642mm)	8'7" (2616mm)	8'8" (2642mm)	8'8" (2642mm)	8'7" (2616mm)	8'8" (2642mm)	8'8" (2642mm)	8'8" (2642mm)	9'5" (2870mm)
	Length F	21'10" (6655mm)	21'10" (6655mm)	21'10" (6655mm)	21'8" (6604mm)	25'10" (7874mm)	25'10" (7874mm)	25'8" (7823mm)	25'10" (7874mm)	25'10" (7874mm)	25'10" (7874mm)	29'10" (9093mm)
Shearing Capacity	MSP inches	3.75 x 34	3.75 x 34	4 x 34	4 x 34	4 x 34	4 x 34	4 x 58	4.25 x 34	4.25 x 34	4.25 x 58	4.25 x 34
Shear Force	mm	<i>95 x 864</i>	<i>95 x 864</i>	<i>102 x 864</i>	<i>102 x 864</i>	<i>102 x 864</i>	<i>102 x 864</i>	<i>102 x 1473</i>	<i>108 x 864</i>	<i>108 x 864</i>	<i>108 x 1473</i>	<i>108 x 864</i>
Clamp Force		889 tons	889 tons	1016 tons	1016 tons	1016 tons	1016 tons	1016 tons	1100 tons	1100 tons	1100 tons	1101 tons
		<i>808.9 t</i>	<i>808.9 t</i>	<i>922 t</i>	<i>922 t</i>	<i>922 t</i>	<i>922 t</i>	<i>922 t</i>	<i>998t</i>	<i>998t</i>	<i>998t</i>	<i>999 t</i>
Cuts Per Minute (based on 18" cuts)		258 tons	258 tons	254 tons	254 tons	254 tons	254 tons	254 tons	275 tons	275 tons	275 tons	359 tons
		<i>234.7 t</i>	<i>234.7 t</i>	<i>230 t</i>	<i>230 t</i>	<i>230 t</i>	<i>230 t</i>	<i>230 t</i>	<i>249 t</i>	<i>249 t</i>	<i>249 t</i>	<i>326 t</i>
Production Rate (TPH)		3.5 - 4.25	4 - 5	3 - 3.5	3.75 - 4.5	3 - 3.5	3.75 - 4.5	2.75 - 3.25	3.5 - 3.75	3.75 - 4.5	2.5 - 3	4 - 5
Horse Power		12 - 20	15 - 23	12 - 21	15 - 24	13 - 22	18 - 26	21 - 30	16 - 24	16 - 27	23 - 33	22 - 30
Gross Weight		300	400	300	400	300	400	300	300	400	300	400
Hydraulic Specifications		160 tons	160 tons	193 tons	195 tons	210 tons	210 tons	250 tons	214 tons	214 tons	258 tons	358 tons
		<i>145 t</i>	<i>145 t</i>	<i>175 t</i>	<i>177 t</i>	<i>191 t</i>	<i>191 t</i>	<i>227 t</i>	<i>194 t</i>	<i>194 t</i>	<i>234 t</i>	<i>325 t</i>
Hydraulic Specifications	Hydraulic System PSI	3350/1700	3350/1700	3300/1700		3300/1700	3300/1700	3300/1700	3575/1700	3575/1700	3575/1700	3575/1700
	Shear in. (mm)	26 (660)	26 (660)	28 (711)	28 (711)	28 (711)	28 (711)	28 (711)	28 (711)	28 (711)	28 (711)	28 (711)
	Cylinders tons. (t)	889 (809)	889 (809)	1016 (922)	1016 (922)	1016 (922)	1016 (922)	1016 (922)	1100 (998)	1100 (998)	1100 (998)	1101 (999)
	Clamp diameter in. (mm)	14 (356)	14 (356)	14 (356)	14 (356)	14 (356)	14 (356)	14 (356)	14 (356)	14 (356)	14 (356)	16 (406)
	Cylinder force tons. (t)	258 (234)	258 (234)	254 (230)	254 (230)	254 (230)	254 (230)		275 (249)	275 (249)	275 (249)	359 (326)
	Feed diameter in. (mm)	8 (203)	8 (203)	12 (305)	8 (203)	12 (305)	12 (305)	12 (305)	12 (305)	12 (305)	12 (305)	14 (356)
	Cylinder force tons. (t)	84 (76)	84 (76)	187 (170)	83 (75)	187 (170)	187 (170)	187 (170)	187 (170)	187 (170)	187 (170)	185 (168)
	Box Cylinder (each side) diameter in. (mm)	10 (254)	10 (254)	12 (305)	12 (305)	12 (305)	12 (305)	12 (305)	12 (305)	12 (305)	12 (305)	2- 12 (51-305)
	Box Cylinder (each side) force tons. (t)	132 (120)	132 (120)	187 (170)	187 (170)	187 (170)	187 (170)	187 (170)	187 (170)	187 (170)	187 (170)	373 (339)
	Arm Cylinders (each arm) diameter in. (mm)	7 (178)	7 (178)	9 (229)	9 (229)	9 (229)	9 (229)	9 (229)	9 (229)	9 (229)	9 (229)	2- 9 (51-229)
	Arm Cylinders (each arm) force tons. (t)	64 (58)	64 (58)	105 (95)	105 (95)	105 (95)	105 (95)	105 (95)	105 (95)	105 (95)	105 (95)	210 (190)
	Hopper Cylinder diameter in. (mm)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)
	Hopper Cylinder force tons. (t)	47 (43)	47 (43)	47 (43)	47 (43)	47 (43)	47 (43)	47 (43)	47 (43)	47 (43)	47 (43)	47 (43)