

## Construction machines

# HS series

## EN-US

	HS 8040.1	HS 8070.1	HS 8100.1	HS 8130.1	HS 8200	HS 8300.2
<b>Capacity</b>						
Max. capacity	44 USt	77 USt	110 USt	143 USt	220 USt	323 USt
<b>Transport</b>						
Min. transport weight	90,390 lbs	77,162 lbs	88,185 lbs	112,436 lbs	103,617 lbs	159,174 lbs
Min. transport width	9.8 ft	9.8 ft	11.5 ft	11.5 ft	11.5 ft	13.1 ft
<b>Engine</b>						
Type	Liebherr D 944 A7-05	Liebherr D 936 A7-05	Liebherr D 946 A7-05	Liebherr D 9508 A7-04	Liebherr D 9512 A7-05	Liebherr D 9512 A7
Power rating at 1700 rpm	230 kW / 308 hp	320 kW / 429 hp	390 kW / 523 hp	565 kW / 757 hp	750 kW / 1005 hp	750 kW / 1005 hp
<b>Main winches</b>						
Main winches (2x)	13 USt	22 USt	30 USt	39 USt	39 USt	55 / 77 USt
Rope diameter	22 mm	30 mm	34 mm	36 mm	36 mm	46 / 50 mm
<b>Main boom</b>						
for lifting operation	134.5 ft	164 ft	193.6 ft	173.9 ft	223.1 ft	223.1 ft
for duty cycle operation	85.3 ft	105 ft	105 ft	124.7 ft	164 ft	183.7 ft
for dragline operation	85.3 ft	95.1 ft	95.1 ft	114.8 ft	164 ft	164 ft
<b>Mode of application</b>						
Dragline	●	●	●	●	●	●
Grab	●	●	●	●	●	●
Vibrating unit	○	●	●	●	●	●
Casing oscillator	●	●	●	●	●	●
Slurry wall grab	○	●	○	●	●	○
Hydromill	-	-	○	●	○	-
Piling rig	○	○	●	●	●	●
Dynamic soil compaction	○	●	●	●	●	●
Lifting operation	●	●	●	●	●	●
Magnet	○	●	●	○	○	○
Barge	●	●	●	●	●	●
<b>Application</b>						
Dragline						
Max. depth	42.7 ft	45.9 ft	49.2 ft	55.8 ft	72.2 ft	82 ft
Max. capacity	1.9 m <sup>3</sup> / 2.5 yd <sup>3</sup>	3.8 m <sup>3</sup> / 5 yd <sup>3</sup>	4.6 m <sup>3</sup> / 6 yd <sup>3</sup>	5.4 m <sup>3</sup> / 7.1 yd <sup>3</sup>	7.6 m <sup>3</sup> / 10 yd <sup>3</sup>	10.8 m <sup>3</sup> / 14.1 yd <sup>3</sup>
Clamshell						
Max. capacity	3 m <sup>3</sup> / 3.9 yd <sup>3</sup> at 32.8 ft	6 m <sup>3</sup> / 7.8 yd <sup>3</sup> at 32.8 ft	7 m <sup>3</sup> / 9.2 yd <sup>3</sup> at 39.4 ft	8 m <sup>3</sup> / 10.5 yd <sup>3</sup> at 45.9 ft	14 m <sup>3</sup> / 18.3 yd <sup>3</sup> at 65.6 ft	20 m <sup>3</sup> / 26 yd <sup>3</sup> at 85.3 ft

- yes
- on request
- no



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