

Construction machines

HS series

EN-US

		HS 8040.1	HS 8070.1	HS 8100.1	HS 8130.1	HS 8200	HS 8300.1
Capacity							
Max. capacity	US t	44	77	110	143	220	330
Transport							
Min. transport weight	lbs	90,390	77,162	88,185	112,436	103,617	152,119
Min. transport width	ft	9.8	9.8	11.5	11.5	11.5	13.1
Engine							
Type		Liebherr	Liebherr	Liebherr	Liebherr	Liebherr	Liebherr
		D 944 A7-05	D 936 A7-05	D 946 A7-05	D 9508 A7-04	D 9512 A7-05	D 9512 A7
Power rating	kW/hp	230/308	320/429	390/523	565/757	750/1005	750/1005
	at rpm	1700	1700	1700	1700	1700	1700
Main winches							
Main winches (2x)	lbf	26,977	44,962	61,822	78,683	78,683	112,404
Rope diameter	mm	22	30	34	36	36	46
Main boom							
for lifting operation	ft	134.5	164	193.6	173.9	223.1	223.1
for duty cycle operation	ft	85.3	105	105	124.7	164	223.1
for dragline operation	ft	85.3	95.1	95.1	114.8	164	164
Mode of application							
Dragline		•	•	•	•	•	•
Grab		•	•	•	•	•	•
Vibrating unit		○	•	•	•	•	•
Casing oscillator		•	•	•	•	•	•
Slurry wall grab		○	•	•	•	•	○
Hydromill		—	—	○	•	○	—
Piling rig		○	○	•	•	•	•
Dynamic soil compaction		○	•	•	•	•	•
Lifting operation		•	•	•	•	•	•
Magnet		○	•	•	○	○	○
Barge		•	•	•	•	•	•
Application							
Dragline							
Max. depth	ft	42.7	45.9	49.2	55.8	72.2	82
Max. capacity	m ³ /yd ³	1.9/2.5	3.8/5	4.6/6	5.4/7.1	7.6/10	10.8/14.1
Clamshell							
Max. capacity	m ³ /yd ³	3/3.9	6/7.8	7/9.2	8/10.5	14/18.3	15/19.6
		at 32.8 ft	at 32.8 ft	at 39.4 ft	at 45.9 ft	at 65.6 ft	at 85.3 ft

- yes
- on request
- no

