

# Construction machines

## HS series

EN

		HS 8040.1	HS 8070.1	HS 8100.1	HS 8130.1	HS 8200	HS 8300.1
<b>Capacity</b>							
Max. capacity	t	40	70	100	130	200	300
<b>Transport</b>							
Min. transport weight	t	41	35	40	51	47	69
Min. transport width	mm	3000	3000	3500	3500	3500	3980
<b>Engine</b>							
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
<b>Main winches</b>							
Main winches (2x)	kN	120	200	275	350	350	500
Rope diameter	mm	22	30	34	36	36	46
<b>Main boom</b>							
for lifting operation	m	41	50	59	53	68	68
for duty cycle operation	m	26	32	32	38	50	68
for dragline operation	m	26	29	29	35	50	50
<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	m	13	14	15	17	22	25
Max. capacity	m <sup>3</sup> /yd <sup>3</sup>	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 <sup>3</sup> /yd <sup>3</sup>	3/3.9	6/7.8	7/9.2	8/10.5	14/18.3	15/19.6
		at 10m	at 10m	at 12m	at 14m	at 20m	at 26m

- yes
- on request
- no

