

Construction machines

HS series

EN-US

		HS 8040.1	HS 8070	HS 8100	HS 8130	HS 895 HD	HS 8200	HS 8300
Capacity								
Max. capacity	lbs (US t)	88,185 (44)	154,324 (77)	220,462 (110)	286,601 (143)	440,925 (220)	440,925 (220)	661,387 (330)
Transport								
Min. transport weight	lbs	90,390	103,617	88,185	112,436	134,482	103,617	152,119
Min. transport width	ft	9.8	9.8	11.5	11.5	11.5	11.5	13.1
Engine								
Type		Liebherr	Liebherr	Liebherr	Liebherr	MAN	Liebherr	Liebherr
		D 944 A7-05	D 936 A7-04	D 946 A7-04	D 9508 A7-04	D 2842 LE	D 9512 A7-05	D 9512 A7
Power rating	kW/hp	230/308	320/429	390/523	505/677	670/898	750/1005	750/1005
	at rpm	1700	1700	1700	1700	1900	1700	1700
Main winches								
Main winches (2x)	lbf	26,977	44,962	61,822	78,683	78,683	78,683	112,404
Rope diameter	mm	22	30	34	36	36	36	46
Main boom								
for lifting operation	ft	134.5	183.7	193.6	173.9	276.2	223.1	223.1
for duty cycle operation	ft	85.3	105	105	124.7	190.6	164	223.1
for dragline operation	ft	85.3	95.1	95.1	114.8	180.8	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	72.2	82
Max. capacity	m ³ /yd ³	1.9/2.5	3.1/4.1	4.6/6	5.4/7.1	6.9/9	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	12/15.7	14/18.3	15/19.6
		at 32.8ft	at 32.8ft	at 39.4ft	at 45.9ft	at 59.1ft	at 65.6ft	at 85.3ft

- yes
- on request
- no



Liebherr USA, Co.
 7075 Bennington Street, Houston, TX 77028
 Tel.: +1 713 636-4050, Fax: +1 713 636-4051
 Crawler.Cranes.USA@liebherr.com, www.liebherr.com
 facebook.com/LiebherrConstruction

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