








Data / HMC#	HMK 01	HMK 02	LHM 05	LHM 06	LHM 07	LHM 08	LHM 09	LHM 10
Brand	Gottwald	Gottwald	Liebherr	Liebherr	Liebherr		Liebherr	
Type	HMK 280E	HMK 280E	LHM 400	LHM 400	LHM 400		LHM 420	
Year	1992	1996	2001	2002	2007	2011	2012	2012
Weight of the Cranes	360t	375t	390t	390t	401t		371t	
Max. Lifting Load	100 t	100 t	104t	104t	104t		124t	
Outreach	11 - 45m	11 - 50m	10.5 - 48m	10.5 - 48m	10.5 - 48m		10.5 - 48m	
Luffing speed	60m/min	60m/min	41 m/min	41 m/min	79 m/min		85 m/min	
Lifting Height max	30m	30m	45m	45m	45m		45m	
Hoisting speed	70m/min	70m/min	90m/min	90m/min	90m/min		120m/min	
Slewing speed	1.35 rpm	1.35 rpm	1.6rpm	1.6rpm	1.6rpm		1.6rpm	
Travel speed	80m/min	80m/min	5.4km/h	5.4km/h	5.4km/h		5km/h	
Engine	MAN D2862 LE 221	Detroit 16V92T	MERCEDES BENZ OM 444 LA	MAN D 2842 LE 103	MAN D 2842 LE 103		D 2842 LE 103	
Engine Power	800 KVA	630 KW	605 kW at 1900 rpm	605 kW at 1900 rpm	670 kW at 1900 rpm		671 kW at 1900 rpm	
Generator	Stamford HCI 634 G	AEG DKBL 4405/041	AVK DSG43L2-4	AVK DSG43L2-4	LIEBHERR SGS4E04U		LIEBHERR SGS4E04U	
Control System	Siemens S7 (2017 upgraded)	Siemens S5 (CPU S7 upgraded)	Litronic - Master 4 (upgraded)	Litronic - Master 4 (upgraded)	Litronic - Master 4		Litronic	
Attachment	N/A	Spreader - Bromma	Spreader - Bromma	Spreader - Bromma	Spreader - Bromma		Spreader - Stinis	
Note	Cable reel need to be repaired	Cable reel need to be repaired	Cable reel servo need to be replaced (will be completed by seller)					
Picture	 HMK 01 Type: HMK280E Year: 1992	 HMK 02 Type: HMK280E Year: 1996	 LHM 05 Type: LHM400 Year: 2001	 LHM 06 Type: LHM400 Year: 2002	 LHM 07 Type: LHM400 Year: 2007			

Data / RTG#	RTG 1	RTG 2
Brand	Kalmar	
Type	E-One <sup>2</sup>	
Year	2012	2012
Weight of the Machines	130,700 kg	
Lifting capacity	41t	
Driving speed	Without load: 130 m/min With load: Speed depends on load under	
Lifting speed	Without load: 52 m/min With load: 26 m/min	
Lowering speed	Without load: 52 m/min With load: 26 m/min	
Trolley speed	With /without load 70 m/min	
Engine	Volvo TAD 1640 GE	
Engine Power	432 kW	
Generator	Stamford HCI 434F1, 400kVA	
Control System	Siemens S7	
Picture		

Data	RS
Brand	Kalmar
Type	DRF450-6556
Year	2011
Weight of the Machines	67,800 kg
Lifting capacity	45t
Transmission	Dana - 15.7TE32418
Tyre	18.00x25
Travell speed	W-w/o load 21-25 km/h
Beam angle max	62o
Maximum lifting height	16.2 m
Engine	Volvo TWD1240VE
Engine Power	246 - 2000 kW/rpm
Alternator	AC 1920W
Picture	