

HLM500

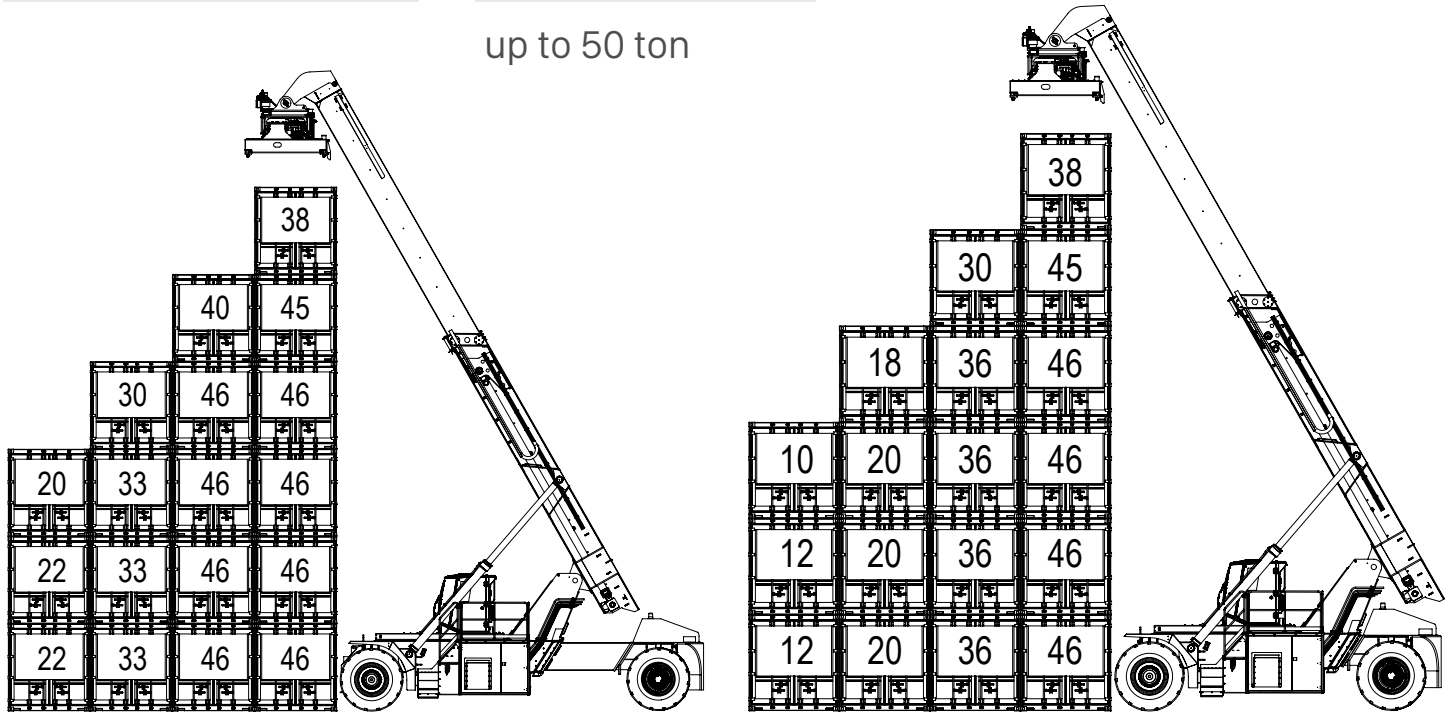
HEAVY LOAD MACHINE

CONTAINER HANDLING

Laden containers

Capacity

up to 50 ton



SPECIFICATIONS	Wheelbase		Y	mm	6,5	6,5
	Tyres	Size front		ins	18.00 -25	18.00 -33
	Lifting Capacity (1)(2)(3)	First Row/Second Row/Third Row		kg	46/32/17	50/38/21
	Load Centre	First Row/Second Row/Third Row	L1/L2/L3	mm	1780 / 3850 / 6400 /	
	Wheels	Number at Front/Rear			4 / 2	
DIMENSION	Lifting heigt		H3	mm	16063	
	Width of Spreader	20 ft/40 ft		mm	6042 / 12175	
	Side Tilting	Mechanical		Deg	+3° / -3°	
	Rotation	Hydraulical		Deg	+105° / -195°	
	Side Shifter	Max		mm	+800 / -800	
	Boom Angle	Min / Max		Deg	0° / 60°	
	Overall dimen sion	Lenght without boom	L3	mm	8.475	8.475
		Lenght with boom	L	mm	11.176	11.176
		Width	B	mm	4.200	
		Boom heigt, Min.	H1	mm	5.150	
		Boom heigt, Max.	H4	mm	18.650	
		Min. Dist. Speader from Ground	H2	mm	1.800	
	Turning Radius	Inner/Router	R2/R1	mm	1613 / 9114	1613 / 9114
	Aisle for 90° stacking	Incl. 200 mm. Safety margin 20' 40'	J		12563 / 13349	12563 / 13349
	Stability (static)				EN 1459	
PERFORMANCE	Speed	Traveling F. R. Laden/unladen			20 / 22	
	Speed	Lifting : laden / unladen 1800 rpm		m/s	0,24 / 0,58	
	Speed	Lowering laden / unladen 1800 rpm		m/s	0,42 / 0,42	
	Drawbar pull	Max laden		kN	350	
	Gradeability	Max at 0 km /h - laden		%	21%	
WEIGHT	Gross vehicle weight	With spreader		kg	74.000	80.000
	Axle load - Front	Unladen		kg	39.400	39.500
		Laden		kg	103.900	110.300
	Axle load - rear	Unladen		kg	34.600	40.500
		Laden		kg	16.100	19.700
	Gross vehicle weight	Without spreader		kg	64.800	70.800
	Axle load - Front	Unladen		kg	26.500	26.500
		Unladen		kg	38.300	44.400
BRAKES CHASSIS	Track Front	Between centres - driven wheels	T1	mm	3065	
	Track Rear	Between centres - steering wheels	T2	mm	2960	
	Ground Clearance	Mid-way along the wheelbase	M1	mm	420	
	Foot brake System	Type/ brake wheels			wet brake / driven wheels	
	Parking breake	Type/ brake wheels			spring brake / driven wheel	
STEERING AND DRIVING SYSTEM	Steering System	Type			hydrostatic	
	Engine	Manufacturer type			VOLVO TAD871 EURO IV	
	Drive Axle	Type			KESSLER	
	Trasmission System				hydrostatic continuous	
	Gears	N° forward and reverse gears		n°	3 + 3	
	Sound Level	Inside cabin			68 dB (A)	
HYDRAULIC SYSTEM	N° pump hydraulic system			n°	2	
	Pressure			bar/max	330	
	N° pump hydrostatic system			n°	1	
	Pressure			bar/max	450	

(1) With spreader weight 9200 kg
(2) with piggyback lifting capacity is decreased by 4 ton
(3) with special option extendible chassis to increase capacity in distance