

HLM1800

HEAVY LOAD MACHINE

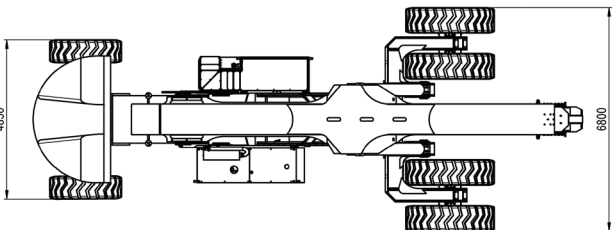
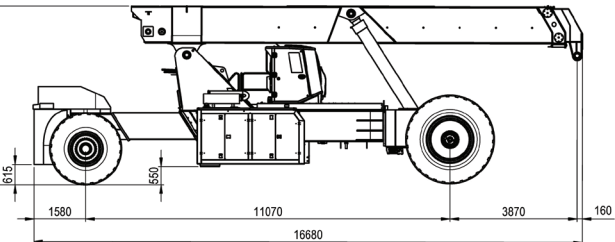
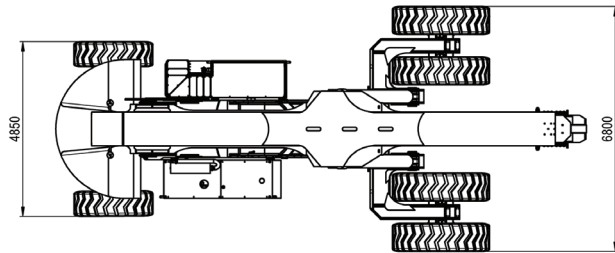
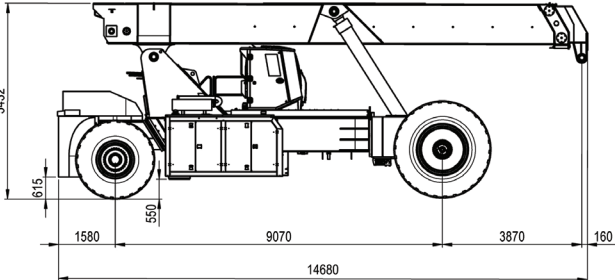
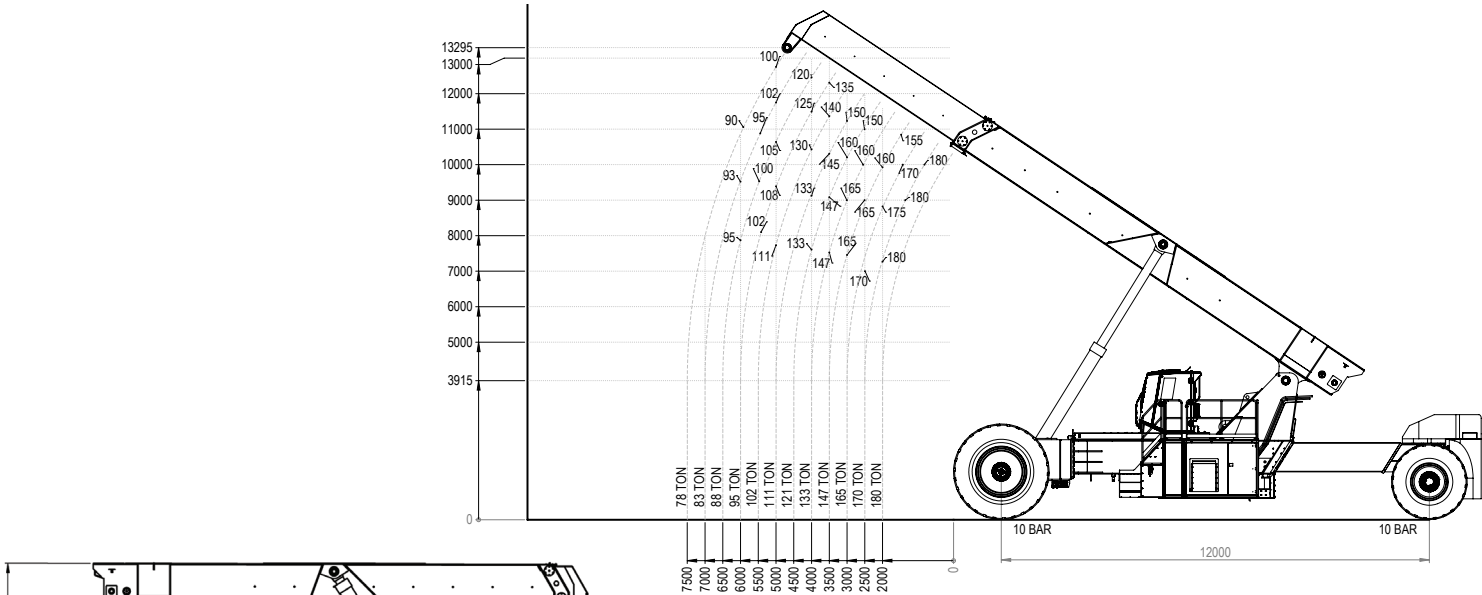
INDUSTRIAL HANDLING

Capacity

up to 200 ton

Pick and carry

at 7km/h



SPECIFICATIONS	Wheelbase		Y	m	9	12
	Lifting Capacity			t	180	
	Load Center from front tyre		L1	mm	1.000	
	Gross Vehicle Weight	Without Attachment		kg	120.000	
DIMENSIONS	Lifting Height		H3	mm	12.000	
	Overall Dimension	Lenght Without Boom	L3	mm	15.030	
		Width	B	mm	6.500	
		Min. Boom Height	H1	mm	5.638	
		Max. Boom Height	H4	mm	14.100	
	Turning Radius	Inner / Outer	R2 / R1	mm	2.800 / 11.600	
	Stability (static)				EN 1459	
PERFORMANCE	Speed unloaded	Continuous		km/h	0-12	
	Speed loaded	Continuous		km/h	0-7	
		Lifting Laden / Unladen		m/s	0.24 / 0.58	
		Lowering Laden / Unladen		m/s	0.42 / 0.42	
	Drawbar pull	Max. Laden		kN	350	
	Gradeability	Max. at 0 km/h - laden		%	21%	
WEIGHTS	Axle Load - Front	Unladen		kg	54.900	59.500
		Max Laden at 1,5 m		kg	282.700	285.000
	Axle Load - Rear	Unladen		kg	72.800	68.200
		Max Laden at 1,5 m		kg	19.000	22.600
	Gross Vehicle Weight	Without Attachment		kg	127.700	
	ground pressure			kg/cm ²	6,5	
TYRE BRAKES CHASSIS	Tyres	Number at Front / Rear (*driven)			4* / 2	
	Tyre Size	Front & Rear		ins	29:00-49/24:00-35	
	Wheelbase		Y	mm	12.000	
	Ground Clearance	Mid-way along the Wheelbase	M1	mm	570	
	Service Brake System	Type			Disk Brake on Front Wheels	
	Parking Brake	Type			Inside Wheel Motors	
STEERING AND DRIVE SYSTEM	Engine	Manufacturer Type			Volvo TAD873VE Tier IV	
	Alternator	Type - Rating		A	100	
	Battery	Voltage / Capacity		V / Ah	2 x 12 / 200	
	Drive System	Type			Wheel Motors	
	Steering				Hydrostatic Steering	
	Transmission System				Bosch Rexroth Wheel Motors	
	Gears	N° Forward and Reverse Gears		n°	1 continuous	
	Hydraulic pressure	For Attachment		bar	140	
HYDRAULIC SYSTEM	Sound Level	Inside Cabin		dB (A)	68	
	N° Pump Hydraulic System			n°	2	
	Pressure			bar max.	330	
	Hydraulic Pump Max. Flow Rate			l/min	500	
	N° Pump Hydrostatic System			n°	1	
	Pressure			bar max.	450	