

EQUIPMENTS

CRANE CARRIER	
CHASSIS	Hidrokon designed and manufactured
	Torsion resistant
	All-welded construction made of high tensile structural steel
	Box type design
OUTRIGGERS	Hydraulically slewable and telescoping
	Supporting the crane on 4 support pads
	Operation on the both side of the Crane
	Made of high tensile steel
ENGINE	MTU 6 Cylinder - turbo-charged diesel engine, water-cooled
	Output - 335 kW at 1800 1/min
	Max.Torque 2200 Nm
	Fuel Tank 400 Liter, ad-blue tank 40 liter
TRANSMISSION	ZF AS-TRONIC - 12 forward 2 reverse automated transmission
	ZF - intarder
	2-Stage transfer case with interaxle differential lock

AXLES	1. axle : steered, driven, cross differential lock
	2. axle : steered, driven, cross + interaxle differential lock
	3. axle : steered, driven, cross + interaxle differential lock
	4. axle : steered, driven, cross differential lock
SUSPENSION	Hydro - pneumatic suspension system
	Adjustable hydraulic suspension cylinders
	Suspension hydraulically lockable
TYRES	(8 pieces) 445/95 R 25 (16.00 R25)
STEERING	ZF-Servocom
	Dual - circuit hydraulic steering
	Emergency steering pump
	Rear axle steering depending on speed
	Steering programs for different situations
BRAKE	Disc brake
	Service brake : All wheel air brake
	Park brake : Spring loaded type on 2. 3. and 4. axles
	Intarder
	Engine exhaust brake
	Constant throttle engine brake
ELECTRICAL SYSTEM	24 Volt DC
	2 pieces battery
	CAN-Bus + J1939 communication protocol
	Outrigger area lighting

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CRANE SUPERSTRUCTURE	
BOOMS	11,5 m to 51 m long
	6 sections, 1 base section and 5 telescoping sections
	Telescopic booms extending by a single cylinder
	Boom head has a 6 sheaves
	Single lift cylinder with safety valves provides boom angle from -1° to +82°
CRANE ENGINE	MTU 4 Cylinder - turbo-charged diesel engine, water-cooled
	Output - 129 kW at 2200 1/min
	Max.Torque 625 Nm
	Fuel Tank 260 Liter, ad-blue tank 25 liter
	RPM variable via foot pedal
CONTROLS	Electrical, 2 joystick for simultaneous operation of Crane
COUNTERWEIGHTS	Totally 25 ton, 2 ton fixed on turntable
	Assembled and disassembled by hydraulic cylinders controlled from cab
SAFETY DEVICES	HK - MCES Crane control system
	Hoist limit switch
	Anti two block switch
	Load control valves on cylinders
ELECTRICAL SYSTEM	24 Volt DC
	2 pieces battery
	CAN-Bus + J1939 communication protocol

CRANE CAB	All windows safety glazing
	Tinted Windows
	Front screen can be opened,wiper, air conditioning, heating
	25° tiltable cabin

Working Speeds

Sürüş	Infinitely variable	Rope diameter / length	Max. Single line pull
	0 - 107 m/dk single line	17 mm / 220 m	72,5 kN
	approx,65 seconds to reach 83° boom angle		
	approx,550 seconds for boom extension from 11,5 m to 51 m		
	0-1,5 min		
	Rope sped with 208 liter/min		

Weights

Axles	1	2	3	4	Total Weight(t)
	12	12	12	12	*48

* with 2 t counter weight

Subject to change without prior notice