

>> Technical specifications

Crawler undercarriage		Electro drive 3-Phase (alte	rnative)	Hydraulic system	
Crawler chain	B00	Rated power	22 kW bei 50 Hz / 1.470 min ⁻¹	Axial piston variable displacement pump with demand-orient flow rate and load-controlled pressure control. Fully variable, temperature-controlled cooling capacity control. Cooling syst with periodic reverse direction of rotation for cleaning.	
Base plates	200 mm	Voltage	400 V, 460 V, 690 V		
Gradability	50 %	Frequency	50 Hz or 60 Hz		
Draw bar pull	15 kN			Operating pressure	200 bar
Ground pressure	5,1 t / m2 (200 mm Base plates) max. 2,8 t each outrigger	Diesel drive	Kubota, Model: V1505, Stage V/	Hydraulic oil tank capacity	85 liters
		Diesel engine (EU/USA)	TIER 4, 4 cylinders, 18,5 kW	Max. Pump pressure	240 bar
Outtriggers	4 pcs. (proportional) With outrigger relief	Diesel engine (non EU/ USA)	Kubota, Modell: V1505, Stage IIIb/ TIER 3, 4 cylinders, 26 kW	Max. Delivery volume	130 l/min (26 kW), 100 l/min (18,5 kW)
Drive system	Stepless hydrostatic traction drive, independent drive for each track side	CO2-neutral operation	Possible with paraffinic diesel fuel according to EN 15940	Pump type	Axial piston variable displacement pump
	Spring set, hydraulically released	Rated power	26 kW / 18,5 kW	Filtering	Hydraulic tank return filter
Brakes	wet multi disc brake	Engine capacity	1498 cm ³		
	Wet multi-disc brake, wear-free,	Torque	90 Nm at 2000 min ⁻¹	Upper structure	
Parking brake	automatic activation when joystick	Cooling	fluid	Hydrostatic slew drive with ax	ial piston motor and planetary gear
	is in neutral position		O at a man with relationst	Rotation	360°, Continuous endless
Travel speed	0 - 3,2 km/h	Air Filter	2-stage, with electrical contamination indicator	Rotation speed	0 – 3,5 min ⁻¹
		Fuel tank capacity	60 liters	Slewing brake	Spring set, hydraulically released wet multi disc brake





Cantilever boom		
Cantilever boom with integrated rotating unit. Fully enclosed design to protect the hoses and the tool cylinder against radiation heat and falling objects.		
Max. Range	3.300 mm	
Rotation	360°, Continuous endless	
Boom rotation speed	0-5 min ⁻¹	
Boom rotation torque	3 kNm	

Radio remote Control (inklusive)		
Operation via 2 joysticks. Illur carrying system	minated colour display. Waist belt	
Weight	4,5 kg	
Electrical system		
System voltage	24 V	
Battery	2 pcs.	

Lightning	
Upper structure	2 x LED headlights
Surrounding warning light	1 x Yellow
Paint	
Main colour	Yellow, RAL 1007
Contrasting colour	Black, RAL 9005



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PRODUCTIVE

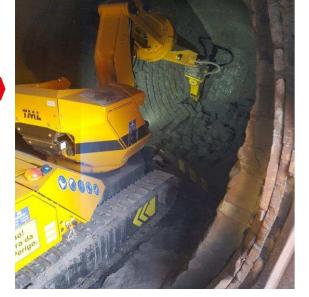
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Crawler undercarriage	1 Series Heavy Metal	1 Series Hard Rock
Chain sealed lifetime lubricated	•	•
Base plates 200 mm	•	•
Rubber pads for base plates	0	0
2nd driving stage for two driving speeds	0	0

Upper structure	1 Series Heavy Metal	
Rotation 360°, Continuous endless	•	•
Central lubrication system for upper structure and cradle	0	0
Arctic Pack (hydraulic oil, engine and fuel preheating, Battery trickle charge (starter battery, 230V / 115V)	0	0
Storage compartment	•	•
Charger for remote control battery	•	•
Main isolator switch for electrical system	•	•
Service doors lockable	•	•

Drive unit options	1 Series Heavy Metal	1 Series Hard Rock
Model V1505, 4 cylinders, Diesel engine, Rated power 26 kW	0	0
Modell V1505, 4 cylinders Diesel engine Rated power 18,5 kW	0	0
Elektro drive rated power 22kW	0	0

Cantilever boom	1 Series Heavy Metal	1 Series Hard Rock
Additional hydraulic circuit	•	•
Rotation 360°, Continuous endless	•	•



UNIDACHS 110 - Torpedo car debricking



UNIDACHS 110 - Blast furnace runner break out

UNIDACHS Series 1

Radio remote Control (inklusive)	1 Series Heavy Metal	1 Series Hard Rock
Remote control via radio transmission	•	•
Remote control via cable	•	•
2 Joysticks	•	•
Illuminated colour display	•	•
Operating mode selector switch	•	•
Single-hand drive mode	•	•
Tool control	•	•
Radio frequency 16 channels 433/434 MHz	•	•
Radio frequency 16 channels 535 MHz	0	0
Radio frequency 16 channels 461 MHz	0	0
Emergency stop button on transmitter unit	•	•
Hip belt carrying system	•	•

Lighting	1 Series Heavy Metal	1 Series Hard Rock
2x LED work lights upper structure, front	•	•
1x LED rotating beacon yellow	•	•
"Blue Spot" light in the rear area	•	•
Lighting package: 2x LED work lights	0	0

Attachment Tools	1 Series Heavy Metal	1 Series Hard Rock
Mechanical quick coupler	•	•
Rotary drum cutter	0	0
Hydraulic shear / -gripper	0	0
Buckets	0	0
Hydraulic Hammer	0	0
Concrete spray nozzles	0	0
Bow setting device	0	0

)) Kinematics and dimensions



