

TECHNICAL DATASHEET

UNIDACHS 320

Operation weight: approx. 9.500 kg
Diesel drive with 54 kW
or alternatively
Electro drive with 55 kW
Telescopic stroke: 2.000 mm
Remote controlled

* Picture shows fully equipped machine with mounted hydraulic hammer ready for operation.



Undercarriage

Crawler chain	B2
Base plates	Triple grouser, HD, 400 mm
Travel speed	2,7 km/h
Gradability	55 %
Draw bar pull	74 kN
Brakes	Spring set, hydraulically released wet disc type wedging brake
Ground pressure	5,5 t / m ² (400 mm base plates)

Superstructure

Hydrostatic slew drive with axial piston motors and planetary gear	
Slew motion	360°, continuously
Slewing speed	0 – 5,2 rpm
Slew brake	Spring set, hydraulically released wet disc type wedging brake

Diesel drive

Make	DEUTZ AG
Model	4 Cylinder, TIER 4 final / Euro IV
Rated power	54 kW at 2.200 rpm
Engine capacity	2.900 cm ³
Torque	300 Nm at 1.600 rpm
Cooling	fluid
Air filter	2-stage, with electrical contamination indicator
Fuel tank capacity	95 Liter

Electro drive 3-Phase (alternative)

Rated power	55 kW at 50 Hz and at 1.500 rpm 63 kW at 60 Hz and at 1.500 rpm
Voltage	380 V, 400 V or 500 V
Frequency	50 Hz or 60 Hz

Tools and attachments

Single or double ripper hook, hydraulic hammer, pneumatic hammer, converter tap hole drill, porous plug pusher, various sized buckets, ripper bucket, rotary drum cutter, boom extensions, single point lifting bail as well as customer defined special tools.

Example:
Hydraulic
hammer



Safety equipment for operator and machine (standard machine configuration)

Radio remote control, "Dead Man" safety system on the remote control transmitter unit, emergency stop button on the remote control transmitter, adjustable heat resistant headlights to illuminate the working area, 1 yellow safety beacon and warning beacon red and blue on the rear of the machine, signal horn, acoustic warning signal whilst driving the tracks, acoustic warning signal at interferences.



Cradle / Telescopic boom

Completely closed for optimal protection of inner part.	
Telescopic stroke	2.000 mm
Boom rotation	360°, continuously
Boom rotation speed	0 – 6,3 rpm
Boom rotation torque	14 kNm
Push and pull force	36 / 70 kN
Tool ripping force	73 kN
Boom guide rollers	12 Pcs.

Hydraulic system

Type	Load-Sensing
Operating pressure	250 bar
Hydraulic oil tank capacity	330 Liter
Boom lift cylinders with pipe-break protection system.	

Electrical system

System voltage	24 V
Batteries	2 pcs.

Paint

Superstructure / Boom	Yellow, RAL 1007
Undercarriage	Black, RAL 9005

Lighting

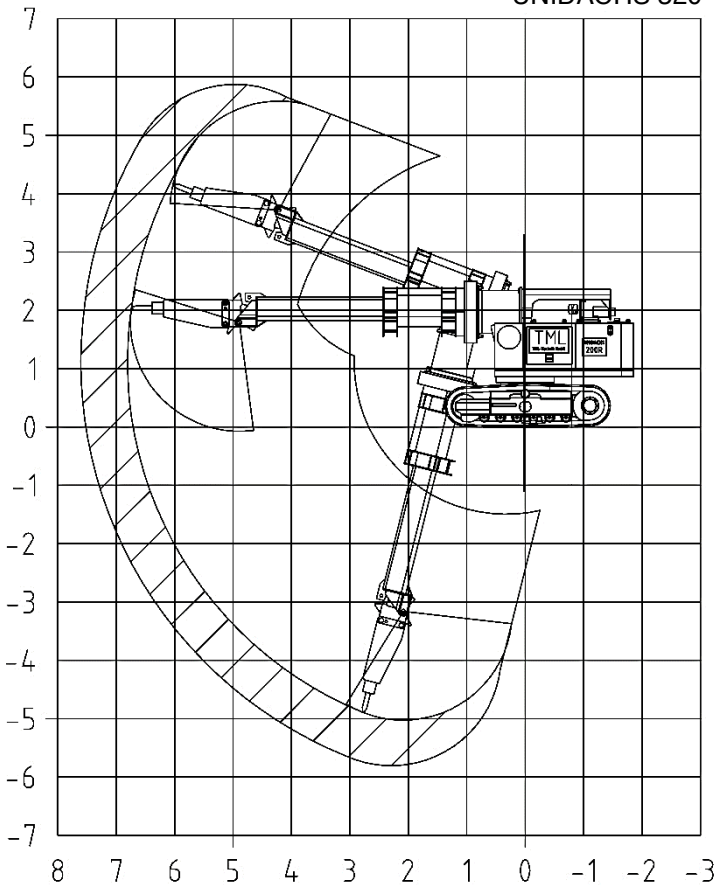
Superstructure	2 x Xenon working lights
Safety beacon	1 x Yellow
Warning beacon	1 x Red / 1 x Blue


Radio remote control (included)

Ergonomical light weight steel mill version radio remote controls with carrier belt and logically set up controls.

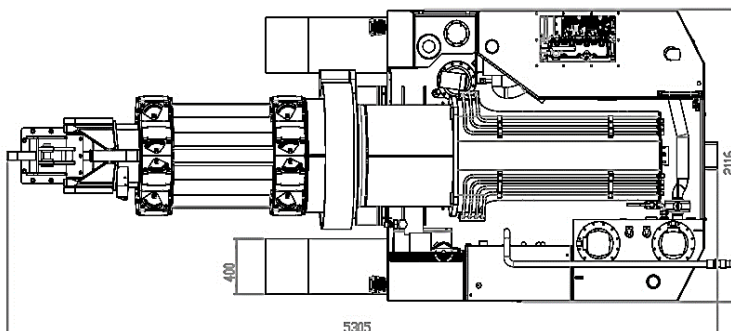
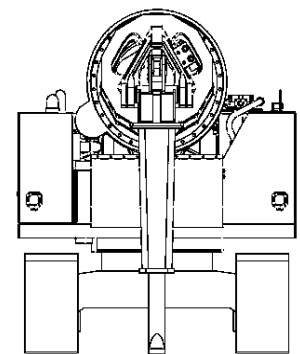
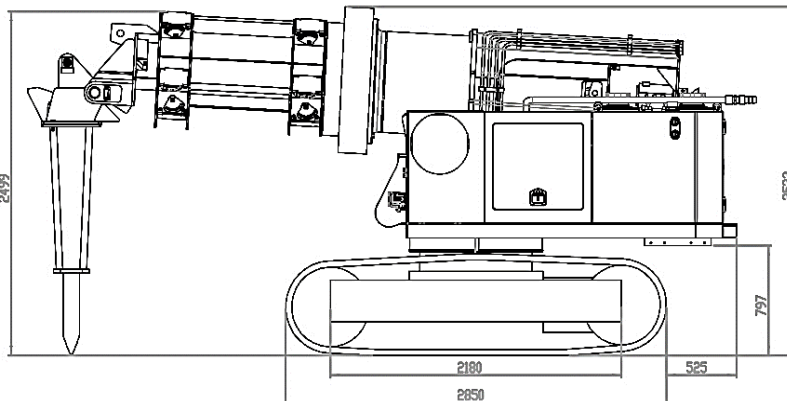
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 Reichweite mit 0,8m Verlängerung
Reach with 0,8m extension

Reichweite /
Reach [m]



Optional equipment

- Base plates 500 mm,
- Cable remote control,
- Arctic pack (hydraulic oil, engine compartment and fuel tank pre-heating system),
- Additional working headlights,
- Central lubrication system (basic machine),
- Fire suppression system,
- Protection rails,
- Quick change pads for base plates,
- HFDU – fire retardant hydraulic oil,
- Customer defined special equipment.

In Hot Operation



Tundish debricking

