



tm bohrtechnik

EUROFOR GROUP

Crawler drill rig TMB 20



The fully hydraulic TMB 20 crawler drill rig has been developed as a down the hole hammer drill rig for small and medium-sized quarries and drilling companies. This rig is designed for drill-hole diameters from 92-127 mm and for drill-hole depths up to 25 m.

www.tm-bohrtechnik.at



Application / Description



The TMB 20 is a fully hydraulic crawler drill rig with a rigid boom featuring 270° rotation (Option), a carriage with revolver magazine, a powerful down the hole hammer and dust collector. The undercarriage consists of a frame with crawlers, the corresponding components and bodywork. The drill is powered by a diesel engine via hydraulic motor and wheel hub drives.

Advantages TMB 20-RM

- Drilling in direction of tramming
- Magazin for 25 m drill hole depth
- Radio remote control (Option)
- Rollover 270° (Option)

Transport dimensions:		
Length:	approx. 8000 mm	approx. 9000 mm
Width:	2490 mm	2490 mm
Height with dust collector:	2850 mm	2950 mm
Total weight:	approx. 8400 kg	approx. 9500 kg
Chassis:		
Tramming speed:	2,8 / 4,1 km/h	2,8 / 4,1 km/h
Gradeability:	approx. 80 %	approx. 70 %
Track oscillation:	+/- 15°	+/- 10°
Ground clearance:	270 mm	270 mm
Power pack:		
Diesel engine type:	QSB6.7-C190	QSB6.7-C190
Output:	142 KW	142 KW
Speed:	2200 1/min	2200 1/min
Compressor type:	GHH CF128G	GHH CF128G
Air volume:	10,65 m3/min	10,65 m3/min
Operating pressure:	14 bar	14 bar
Hydraulic pump type:	Axial piston pump with gear pump	Axial piston pump with gear pump
Operating pressure:	250 / 200 bar	250 / 200 bar
Diesel tank capacity:	300 l	300 l
Hydraulic reservoir:	200 l	200 l
Aggregate equipment:		
	Return line filter, air - charge air / cooler, Combination cooler for compressor- and hydraulic oil	Return line filter, air - charge air / cooler, Combination cooler for compressor- and hydraulic oil
Feed:		
Type:	CF 140	CF 140
Drill tubes:	3000 mm	3000 mm
Feed motor:	TMF 25	TMF 25
Feed force:	max. 20000 N	max. 20000 N
Feed advance:	1000 mm	1000 mm
Boom:		
Type:	Rigid boom	Rigid boom with Rollover
Rotary head:		
Type:	RH200	RH200
Weight:	65 kg	65 kg
Operating pressure:	200 bar	200 bar
Torque:	max. 2120 Nm	max. 2120 Nm
Rpm:	0-110 l/min	0-110 l/min
Dust collector:		
Type:	X-125	X-125
Number of filters:	2	2
Filter area	8 m2	8 m2
Weight:	160 kg	160 kg
Controls:		
Drilling controls:	Electric remote control for kinematic and drill function	Electric remote control for kinematic and drill function
Driving controls	Manual-hydraulic	Manual-hydraulic



TMB 20

TMB 20-RM



A-8605 Kapfenberg , Werk-VI-Straße 57, Tel.: +43 (0) 3862 33650, Fax: DW 90
office@tm-bohrtechnik.at | www.tm-bohrtechnik.at