



Trencher Gigant 3600



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DRAINAGE-MASCHINEN GMBH

Trencher Gigant 3600

Technical Data

Engine	
Model	VOLVO, Diesel
Type	TAD 1381 VE
Power	285 kW/388 PS bei 1900 rpm
Torque (max.)	1965 Nm bei 1200 rpm
Capacity of fuel tank	450 l
Capacity of hydraulic tank	300 l
Electrical system	24 V

Traction drive	
Type	hydrostatic individual
Travelling speed	0 – 4,8 km/h
Working speed	0 – 20 m/min
Drive control	infinitely variable, forward and reverse

Crawler unit	
Type	Caterpillar D4, oscillating
Length	5400 mm
Track gauge	2120 mm
Track pads width	790 mm
Ground contact pressure	approx. 0,30 kg/cm ²
Cornering (narrow)	swinging range of 10°, each side
Tilt control	tilting up to 11°, each side

Digging chain drive	
Type	hydrostatic
Drive control	infinitely variable
Speed	max. 6,00 m/sec

Digging unit	
Type	rotating cutting chain
Depth	260 mm ➔ on request 240 - 300 mm
Depth	4,50 m (3,50 - 4,50 m, min. 2,00 m)
Cutting chain	Goblet chain pitch 125 mm hydr. retractable working boom (100 cm)
Chute	PVC pipe laying chute 180 mm NW ➔ on request gravel hopper
Digging angle	constantly 90°
Soil removal	Back filling

Dimensions (depending on version)	
Width	approx. 3000 mm
Length	approx. 11315 mm
Height	approx. 3100 mm
Weight	approx. 23000 kg

Included in delivery	
automatic tilt control Heating	

Options	
➔ Storage system and gangway with guardrail and reel for PVC endless pipe	
➔ Air conditioning	
➔ Further engine performance classes	
➔ Camera system	
➔ Storage systems for accessories	
➔ Tool kit	
➔ Trench depth indication via display	
➔ Centralized lubrication	
➔ Laser and GPS systems	
➔ Ladders and platforms for easy inspection	



The special trencher for depths up to 6 m (groundwater lowering)

- Oscillating drive
 - Single drive
 - Easy operation and maintenance
 - Operating station on main frame with driver's cab, right side, laterally swivelling up to 90°
 - Narrow cornering
 - Hydraulically digging chain tensioning controllable via pressure gauge
 - Back filling
- NEW**
- Automotive driving
 - Hydrostatic drive unit for digging chain
 - Loadsensing technology
 - State-of-the-art control technology
 - Visualization and diagnosis

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Illustrations do not always show standard versions of machines.

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