



Trencher Gigant 1900



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DRAINAGE-MASCHINEN GMBH

Trencher Gigant 1900

Technical Data

Engine	
Model	VOLVO, Diesel
Type	TAD 880 VE
Power	160 kW/218 PS bei 2200 rpm
Torque (max.)	1075 Nm bei 1400 rpm
Capacity of fuel tank	315 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 – 26 m/min
Drive control	infinitely variable, forward and reverse

Crawler unit	
Type	Caterpillar D2, oscillating
Length	4150 mm
Track gauge	2100 mm
Track pads width	600 mm
Ground contact pressure	approx. 0,26 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
Width	280 mm
Depth	0 - 2,00 m
Cutting chain	tensile strength 65 t pitch 100 mm
Chute	PVC pipe laying chute hydr. liftable chute and driver's cab → on request gravel hopper
Digging angle	approx. 60°
Soil removal	by auger systems to both sides

Dimensions (depending on version)	
Width	approx. 2700 mm
Length	approx. 10400 mm
Height	approx. 3000 mm
Weight	approx. 15000 kg

Included in delivery	
automatic tilt control Heating	

Options	
→ Air conditioning	
→ Wider track pads	
→ 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	
→ Backfilling rake	



The drainage machine for small and medium-sized drainage measures and cable laying

- Oscillating drive
 - Single drive
 - Easy operation and maintenance
 - Lift operating station with driver's cab
 - Narrow cornering
 - Trench bed control
 - Hydraulically liftable chute
 - Swivel frame
- 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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