



Trenchless plow Titan 786



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DRAINAGE-MASCHINEN GMBH

Trenchless plow Titan 786

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	680 l
Capacity of hydraulic tank	215 l
Electrical system	24 V

Traction drive	
Type	hydrostatic individual
Travelling speed	0 – 5,8 km/h
Working speed	0 – 53 m/min
Drive control	infinitely variable, forward and reverse

Crawler unit	
Type	Caterpillar D7, oscillating
Length	5604 mm
Track gauge	1950 mm
Track pads width	800 mm
Track pads type	In alternation 1-bar track pads/ 3-bar track pads
Track pads quantity	57, each side
Ground contact pressure	approx. 0,33 kg/cm ²
Cornering (narrow)	swinging range of 8°, each side
Tilt control	tilting up to 10°, each side

Working performance (dependent on soil conditions)	
Plowing depth	max. 1,90 m
Plowing width (chute inside measurement)	100 mm NW Cable routing system ➔ on request up to 230 mm NW ➔ on request special chutes for cable laying for laying up to 16 cables or PE-pipes simultaneously
Floating position	adjustable

Dimensions (depending on version)	
Width	approx. 2750 mm
Length	approx. 10070 mm
Height	approx. 3000 mm
Weight	approx. 26800 kg

Included in delivery
automatic tilt control Heating

Options
➔ Cable routing system
➔ Cable drum holder
➔ Laser levelling automatic system
➔ Additional cleats
➔ Air conditioning
➔ Further engine performance classes
➔ Camera system
➔ Storage systems for accessories
➔ Tool kit
➔ Plowing depth indication via display
➔ Centralized lubrication
➔ Laser and GPS systems



The Trenchless plow for toughest requirements

- Oscillating drive
 - Single drive
 - Easy operation and maintenance
 - Operating station with driver's cab on sword holder, mounted on left or right side
 - Narrow cornering
 - High tractive force due to dynamic load transfer
 - Trench bed control
- NEW**
- Automotive driving
 - 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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