

G05010 Road core-drilling machine type 290

Road core-drilling machine type 290, fully hydraulic powered, installed on a two-wheel trailer. Equipped with ball clutch, over-run brakes and parking brake, gange wheel as well as a back driving mechanism. One-man operation of the core drilling equipment, hydraulic lowering and raising of the drilling machine. During lowering the drilling machine the trailer is raised by two hydraulic cylinders and effectuation thereby an additional load of the drilling machine baseplate. Thus a high stability of the equipment is reached. This results in a good drilling capacity and a long durability of the crowns.

During boring the trailer can remain coupled to the towing vehicle, however the gange wheel must be lowered, for relieving the trailer coupling.

The hydraulic systems of the core drilling equipment are powered by a two-cylinder four-stroke engine with directly flanged on hydraulics double pump.



The feed motion of the drilling machine is powered by a hydraulic motor, it can also take place manually, by means of a handwheel. The hydraulic motor is infinitely variable with a flow regulating valve.

The crown is likewise powered by a hydraulic motor. The number of revolutions of the crown is adjustable with a flow regulating valve, in 20 lockable stages. The guidance of the drilling carriage consists of polished, chromium plated steel columns and adjustable red brass sockets.

At the beginning of a drilling procedure the crown can be centered with a centering facility, operated with a foot pedal.

On the core drilling machine a water tank is installed as well as a lockable toolbox and a tank for the hydraulic oil. Water is delivered from the water tank to the crown with an electrical pump.

Produktspektrum
Product spectrum

Asphalt / Asphalt
Beton / Concrete
Zuschlag / Aggregates
Boden / Soil
Bohren / Drilling
Schleifen / Grinding
Labor / Laboratory

Strassentest OHG
Wailandstr. 21
D-63741 Aschaffenburg
Tel.: 0049(6021) 3627974
Fax: 0049(6021) 3627973
E-Mail: info@strassentest.de
www.strassentest.de

The core drilling machine is accordingly § 13 EG-FGV a machine trailer and is supplied with a certificate and an operating permit of the Association for Technical Inspection (TÜV).

The lighting is equipped for electrical systems with 12 V.
Provided accessories: Two dust covers, tool kit and chain pipe wrench.

Technical data:



Length: 3600 mm
Width: 1630 mm
Height: 1780 mm

Unloaded weight: 1400 kg
Permissible total weight: 1500 kg

Engine: Two-cylinder four-stroke engine, Briggs+Stratton, 14.7 KW, with starter and generator.
For lead free gasoline, normal

Fuels and lubricants:
Gasoline: about 12 litres
Hydraulic oil: about 65 litres (hydraulic oil ISO VG 32)
Water: about 400 litres

maximum drilling depth: 550 mm (depending upon crown)
maximum hole diameter: 300 mm
Speed: 10 to 680 rpm



Option:
Spare wheel
Fire extinguisher

Produktspektrum
Product spectrum

Asphalt / Asphalt
Beton / Concrete
Zuschlag / Aggregates
Boden / Soil
Bohren / Drilling
Schleifen / Grinding
Labor / Laboratory

G05020 Road core-drilling machine type 301

Road core-drilling machine type 301, partially hydraulically operated, installed on a two-wheel trailer. Equipped with ball clutch, over-run brakes and parking brake, gauge wheel as well as a back driving mechanism. One-man operation of the core drilling equipment, hydraulic lowering and raising of the drilling machine by means of a hand pump. During lowering the drilling machine the trailer is raised by two hydraulic cylinders and effectuation thereby an additional load of the drilling machine baseplate. Thus a high stability of the equipment is reached. This results in a good drilling capacity and a long durability of the crowns.

During boring the trailer can remain coupled to the towing vehicle, however the gauge wheel must be lowered, for relieving the trailer coupling.



The feed motion of the drilling machines takes place manually, by means of a handwheel.

The crown is powered by a single-cylinder four-stroke engine with a reduction gear. The number of revolutions of the crown is regulated with the engine speed.

The guidance of the drilling carriage consists of polished, chromium plated steel columns and adjustable red brass sockets.

At the beginning of a drilling procedure the crown can be centered with a centering facility, operated with a foot pedal.

On the core drilling machine a water tank is installed as well as a lockable toolbox. Water is delivered from the water tank to the crown with an electrical pump.

The core drilling machine is accordingly § 13 EG-FGV a machine trailer and is supplied with a certificate and an operating permit of the association for technical inspection (TÜV). The lighting is equipped for electrical systems with 12 V.

Provided accessories: Dust cover, tool kit, special key and chain pipe wrench.

Produktspektrum Product spectrum

Asphalt / Asphalt
Beton / Concrete
Zuschlag / Aggregates
Boden / Soil
Bohren / Drilling
Schleifen / Grinding
Labor / Laboratory

Technical data:

Length: 3600 mm
Width: 1630 mm
Height: 1780 mm

Unloaded weight: 800 kg
Permissible total weight: 1200 kg

Engine: Single-cylinder four-stroke engine, Briggs+Stratton, 10 KW, with starter and generator. For lead free gasoline, normal



Fuels and lubricants:
Gasoline: about 3 litre
Hydraulic oil: about 8 litres
(hydraulic oil ISO VG 32)
Water: about 400 litres

maximum drilling depth: 550 mm (depending upon crown)
maximum hole diameter: 300 mm
Speed: 250 to 420 rpm

Produktspektrum
Product spectrum

Asphalt / Asphalt
Beton / Concrete
Zuschlag / Aggregates
Boden / Soil
Bohren / Drilling
Schleifen / Grinding
Labor / Laboratory

G05010/D Road core-drilling machine type 290/D

Road core-drilling machine type 290, fully hydraulic powered, installed on a two-wheel trailer. Equipped with ball clutch, over-run brakes and parking brake, gange wheel as well as a back driving mechanism. One-man operation of the core drilling equipment, hydraulic lowering and raising of the drilling machine. During lowering the drilling machine the trailer is raised by two hydraulic cylinders and effectuation thereby an additional load of the drilling machine baseplate. Thus a high stability of the equipment is reached. This results in a good drilling capacity and a long durability of the crowns.

During boring the trailer can remain coupled to the towing vehicle, however the gange wheel must be lowered, for relieving the trailer coupling. The hydraulic systems of the core drilling equipment are powered by a muffled single-cylinder Diesel four-stroke engine with directly flanged on hydraulics double pump.



The feed motion of the drilling machine is powered by a hydraulic motor, it can also take place manually, by means of a handwheel. The hydraulic motor is infinitely variable with a flow regulating valve. The crown is likewise powered by a hydraulic motor. The number of revolutions of the crown is adjustable with a flow regulating valve, in 20 lockable stages. The guidance of the drilling carriage consists of polished, chromium plated steel columns and adjustable red brass sockets. At the beginning of a drilling procedure the crown can be centered with a centering facility, operated with a foot pedal. On the core drilling machine a water tank is installed as well as a lockable toolbox and a tank for the hydraulic oil. Water is delivered from the water tank to the crown with an electrical pump.

Produktspektrum
Product spectrum

Asphalt / Asphalt
Beton / Concrete
Zuschlag / Aggregates
Boden / Soil
Bohren / Drilling
Schleifen / Grinding
Labor / Laboratory

Strassentest OHG
Wailandtstr. 21
D-63741 Aschaffenburg
Tel.: 0049(6021) 3627974
Fax: 0049(6021) 3627973
E-Mail: info@strassentest.de
www.strassentest.de

The core drilling machine is accordingly § 13 EG-FGV a machine trailer and is supplied with a certificate and an operating permit of the association for technical inspection (TÜV). The lighting is equipped for electrical systems with 12 V. Provided accessories: Two dust covers, tool kit and chain pipe wrench.

Technical data:

Length: 3650 mm
Width: 1650 mm
Height: 1850 mm

Unloaded weight: 1400 kg
Permissible total weight: 1500 kg

Engine: Single-cylinder Diesel four-stroke engine, Hatz, 10 KW, with starter, generator, electromagnetic speed preselection (no-load operation/full load), cold weather starting aid and automatic bleeding of the injection pump.

Fuels and lubricants:
Diesel: about 12 litres
Hydraulic oil: about 65 litres (hydraulic oil ISO VG 32)
Water: about 400 litres

maximum drilling depth: 550 mm (depending upon crown)
maximum hole diameter: 300 mm
Speed: 10 to 500 rpm



Produktspektrum
Product spectrum

Asphalt / Asphalt
Beton / Concrete
Zuschlag / Aggregates
Boden / Soil
Bohren / Drilling
Schleifen / Grinding
Labor / Laboratory