

Cable burster TERRA-EXTRACTOR X 300 C

SWISS MADE



TERRA-EXTRACTOR X 300 C

Cable burster

COMPACT DESIGN

The ingenious design of the **X 300 C** enables a compact design. It is easy to operate, quick to install, and easy to transport. It can be disassembled into components weighing less than 45 kg in just a few simple steps.

30 TONS OF PULLING FORCE

The two hydraulic cylinders generate a pulling force of 30 tons for high productivity on your construction site.

FRONT PLATE

The Seilbester **X 300 C** can operate in a very small footprint of 0.4 x 0.6 m.

MAIN CLAMP

The main clamp is equipped with patented clamping jaws. It clamps the cable while the two cylinders push the main clamp upward. Even dirty and greasy cables can be clamped.

CABLE GUIDE

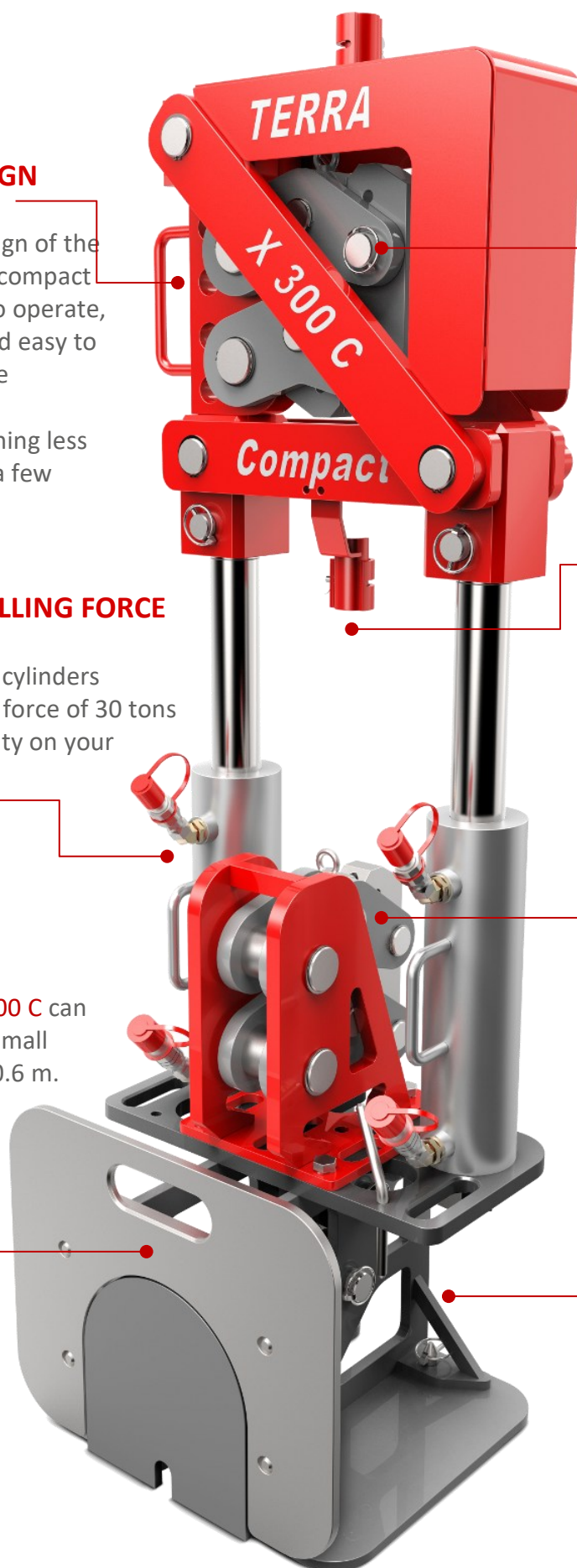
The cable guide ensures that the rope is fed cleanly into the main clamp.

COUNTER CLAMP

The counter clamp keeps the cable under tension while the two cylinders retract and the main clamp is released. It is easily accessible and can be quickly replaced.

PULLEY

Multiple deflection pulleys redirect the cable from the horizontal to the vertical. This reduces the required pit length.



COMPACT AND POWERFUL

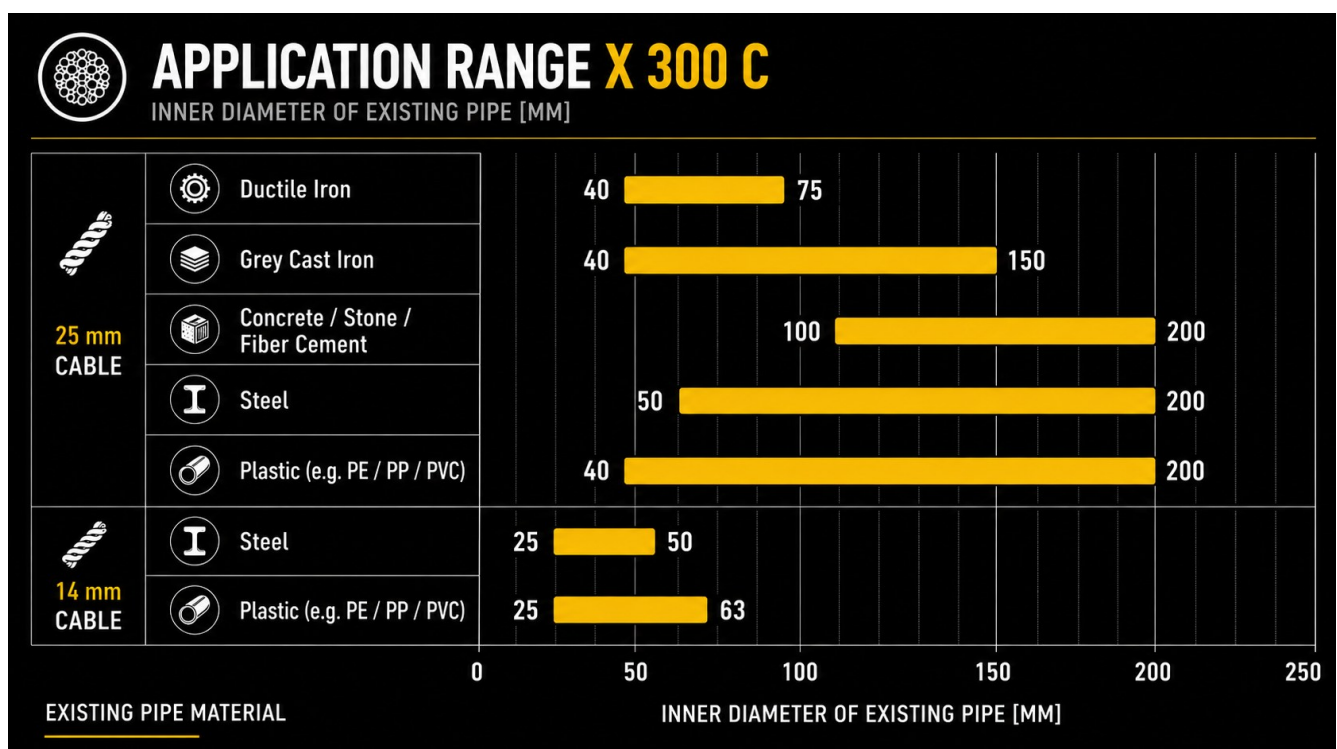
The **TERRA-EXTRACTOR X 300 C** is an extremely compact and **powerful 30-ton cable burster** for the rehabilitation of house connections or pipelines. Bursting with TERRA cable bursters offers a **high degree of flexibility**. Thanks to the compact design and small footprint, minimal excavation is required. The user-friendly, modular design simplifies work on the job site. The **X 300 C** is **easy to transport** and can be installed quickly and conveniently. It can be equipped with a **14 mm or 25 mm diameter cable**.

REHABILITATION OF STEEL, VITREOUS CHINERY, OR GREY CAST IRON

In combination with the 25 mm diameter cable, the **X 300 C** can reliably burst **old pipes made of steel, vitrified clay, or gray cast iron**. The front-centered blade geometry ensures precise force transmission and effortlessly cracks even sockets with hard cement shells.

RENOVATION OF OLD PLASTIC PIPES

The **X 300 C** allows for the quick and cost-effective rehabilitation of **old plastic pipes** made of PE and PVC with diameters ranging from 25 to 200 mm. Special PE blades precisely cut the old pipe in half and displace the old material to the side in a controlled manner. Swell cutters open the plastic pipe directly in front of the machine as it is forcefully pushed out of the ground.



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FRONTBOX AND FRONT PLATE

The **X 300 C** rests securely against the excavation pit with its front plate. One or two front boxes, each 1.0 m long, allow bursting tools and the new pipe to be pulled directly into the pit. The front old-pipe blocking plate reliably stops the old pipe and ensures a smooth workflow.

PIT APPLICATION

Thanks to its compact design, the **X 300 C** requires very little floor space. It can therefore also be supported in pits to rehabilitate longitudinal pipes. Two front boxes, each 1.0 m long, are used for this purpose. Attachment eyes serve as anchor points to lift the **X 300 C** safely and reliably into its working area.

CELLAR APPLICATION

The **X 300 C** can be disassembled into components weighing less than 45 kg in just a few simple steps. Two people can carry it down to a basement, for example, to renovate old building connections.





HIGH-TECH CLAMPING JAWS

Four clamping jaws with a grooved base (patented) ensure secure contact with both new and soiled cables.



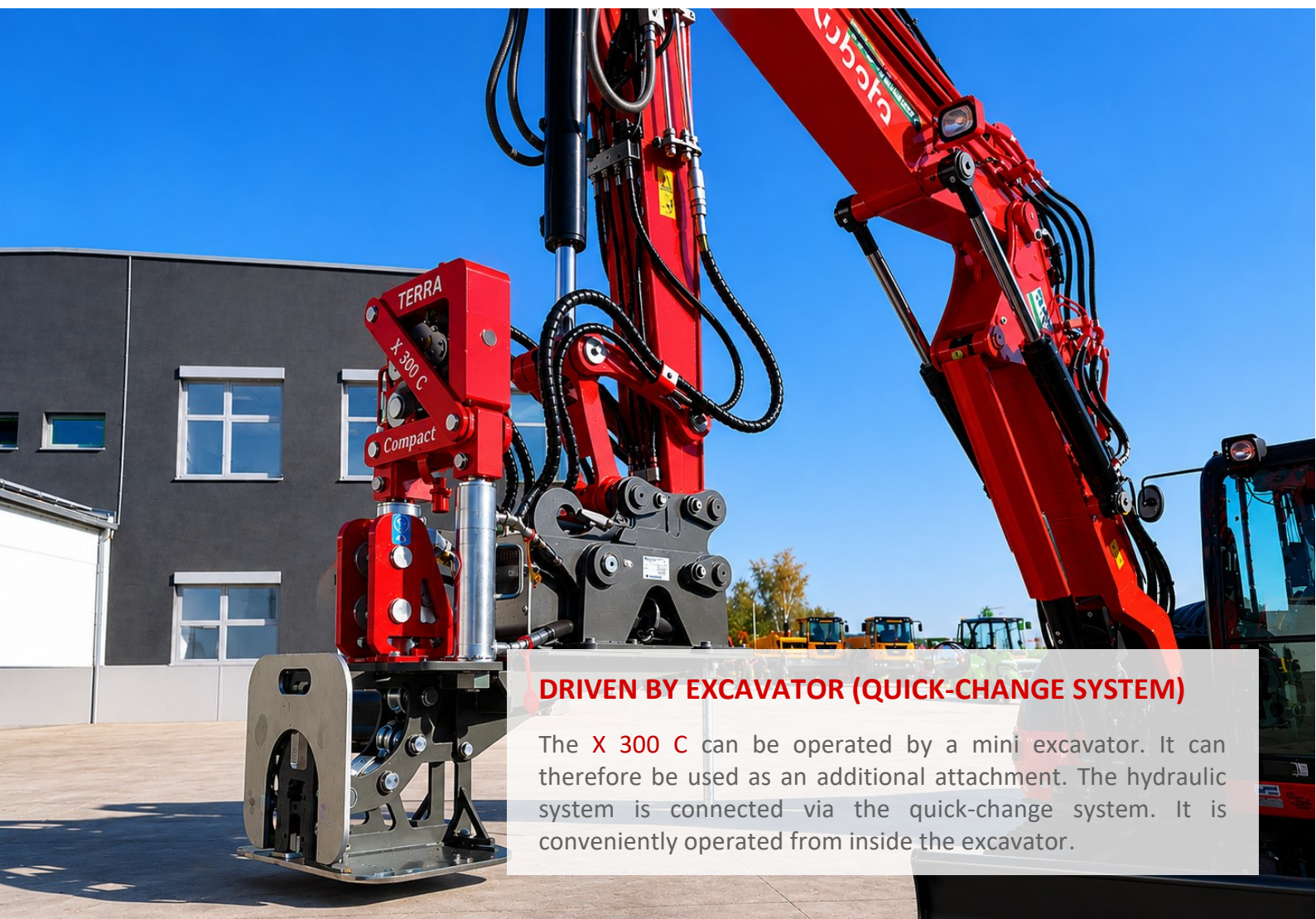
PULLEY BLOCKS

Several deflection pulleys redirect the hoist rope from the horizontal to the vertical. This enables a compact design and reduces the required pit length.



POWERED BY A POWER PACK

The **X 300 C** is powered by the TERRA power unit. The robust 23 hp (17 kW) gasoline engine is started with an electric starter.



DRIVEN BY EXCAVATOR (QUICK-CHANGE SYSTEM)

The **X 300 C** can be operated by a mini excavator. It can therefore be used as an additional attachment. The hydraulic system is connected via the quick-change system. It is conveniently operated from inside the excavator.

TERRA-EXTRACTOR X 300 C

Technical Specifications

	METRIC	IMPERIAL (U.S.)
CABLE BURSTER		
Pulling force	300 kN (30 t)	66,000 lbs
Pulling speed	90 m/h	295 ft/h
Dimensions L x W x H	0.4 x 0.6 x 1.3 m	1.3 x 2.0 x 4.3 ft
Weight	260 kg	573 lbs
HYDRAULIC POWER UNIT		
Engine Type	Rato	Rato
Power	17 kW	23 hp
Fuel	Gasoline	Gasoline
Fuel tank capacity	4.5 L + 20 L reserve	1.2 gal + 5.3 gal reserve
Hydraulic pressure	235 bar	2,540 psi
Hydraulic flow	40 l/min	6 gpm
Dimensions L x W x H	1.0 x 0.9 x 1.0 m	3.3 x 3.0 x 3.3 ft
Weight	236 kg	520 lbs
SUPPORT ACCESSORIES		
Dimensions L x W x H (Front Box)	1.0 x 0.6 x 0.4 m	3.3 x 2.0 x 1.3 ft
Weight (Front box)	60 kg	132 lbs
Dimensions L x W x H (Front panel)	1.15 x 1.25 m	3.8 x 4.1 ft
Weight (Front panel)	295 kg	650 lbs
CABLE		
Length	up to 120 m	395 ft
Diameter	ø 25 mm	1"
Weight	3.1 kg/m	2.1 lbs/ft
Diameter	ø 14 mm	1"
Weight	1.2 kg/m	0.8 lbs/ft

* These specifications are subject to the substrate. Subject to technical changes.

TERRA – always one burst length ahead!



HIGH-QUALITY TOOLS

Bursting tools are a matter of trust. Different pipe materials require a wide range of cutting blades and bursting accessories.



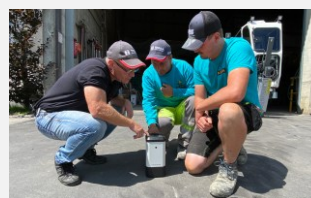
PULLING ACCESSORIES

TERRA offers a wide variety of expansion cones, sleeves, and expansion mandrels. These ensure the safe pulling of your new HDPE pipe.



MACHINE ACCESSORIES

TERRA's pipe bursting systems can be equipped with various machine accessories. Quick-change systems or support accessories make the bursting process easier.



SERVICE AND CUSTOMER SUPPORT

Satisfied customers worldwide and a service-friendly design make TERRA's pipe bursting systems the leaders in their class.