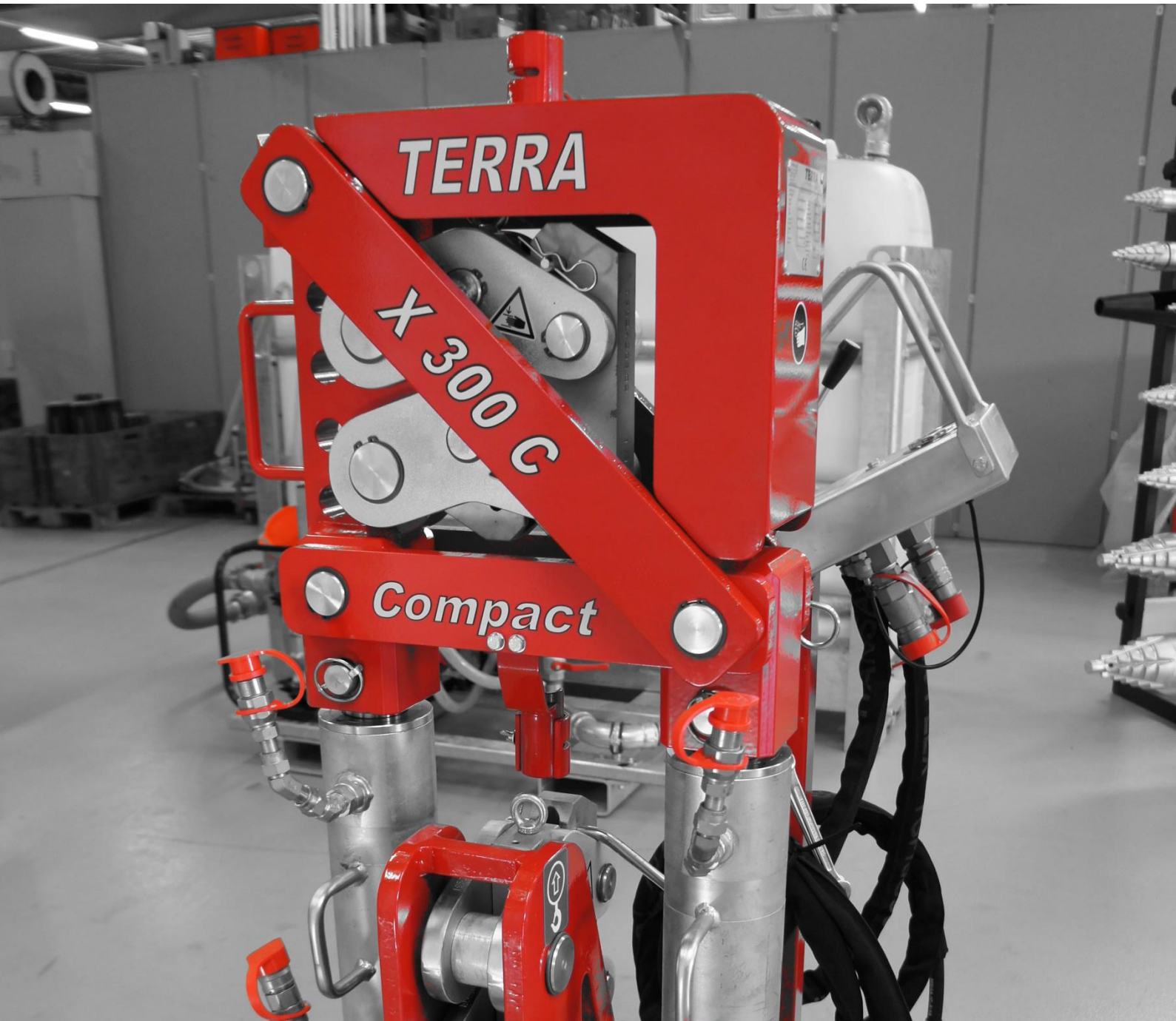


Cable Burster
TERRA-EXTRACTOR X 300 C

Swiss made



TERRA-EXTRACTOR X 300 C

Cable Burster

COMPACT DESIGN

Its user-friendly, modular design makes it easy to operate, easy to set up and easy to transport. The X 300 C can be disassembled easily into components less than 45 kg.

30 TONS OF PULLING FORCE

Both cylinders give you 30 tons of pulling force for highly productive lateral replacement.

MINIMUM FRONT PLATE

With its compact front plate the X 300 C can work on smallest areas of 0.4 x 0.6 m.

MAIN CLAMP

The main clamp is equipped with two patented clamping jaws. They hold the cable in place, even if it gets dirty or wet. They provide a faster, more efficient burst on your jobsite.

CABLE GUIDANCE

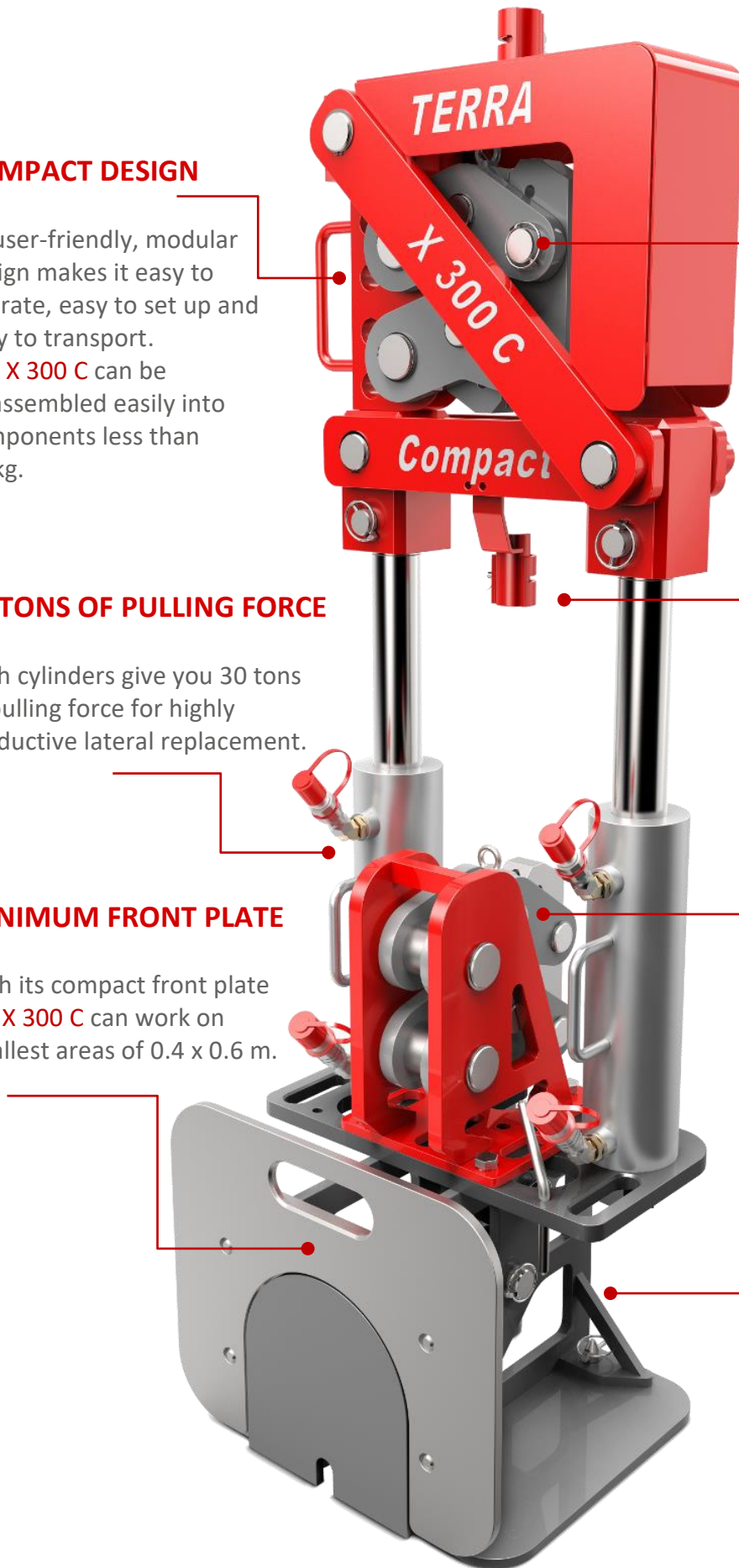
The cable guidance ensures that the cable slides smoothly into the main clamp. It eliminates bungee effect to improve your productivity.

COUNTER CLAMP

The counter clamp keeps constant tension on the cable as it recycles. The clamps are easy accessible and easy to change.

PULLEYS

The pulleys deflect the pulling cable from horizontal to vertical position. This minimizes the required pit. Widen your margins, not your pits.



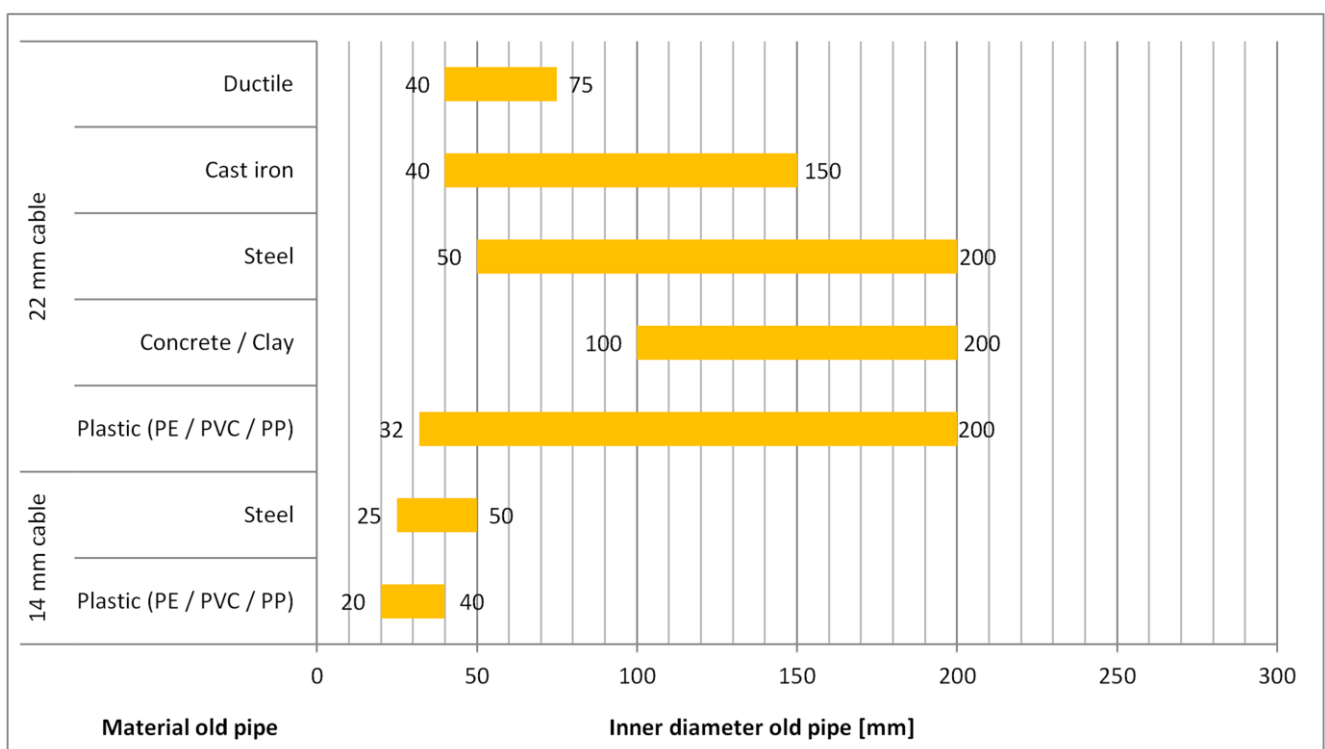
COMPACT AND POWERFUL

The **TERRA-EXTRACTOR X 300 C** is an extremely powerful and compact cable burster for your tough lateral pipe bursting jobs. Equipped with a \varnothing 22 or 14 mm cable the **X 300 C** is ideal for the replacement of old pipes made from cast iron, steel, clay ware or PE/PVC. Pipe bursting with a TERRA cable burster provides a high degree of flexibility. Its compact footprint requires minimal excavation and the system is built to help you cut down on wasted time, maximizing productivity. Its user-friendly, modular design makes it easy to operate, easy to set up and easy to transport.

30 TONS FOR MAXIMUM PERFORMANCE

Powered by a proven 23 HP strong VANGUARD engine you get the power to get the job done quickly and the durability to be up and running burst after burst. The **X 300 C** replaces 40 to 200 mm lateral pipes with up to 30 tons of pulling force at 235 bar. New pipes up to \varnothing 180 mm can be replaced over length up to 120 m. The **X 300 C** operates at low pressure, so you can choose from a variety of power supply options. Use our dedicated control unit or any other hydraulic supply capable of 235 bar with a flow of at least 40 ltr/min. You even can run it from your backhoe or compact excavator by simply connecting it to its quick-hitch system.

OPERATIONAL DIAGRAM X 300 C





CLAMPING JAWS

Four cable clamps with longitudinal slots (patented) guarantee secure contact to the pulling cable, no matter if the cable is new or dirty.



PULLEYS

The pulleys deflect the pulling cable from horizontal to vertical position. This minimizes the required pit. Widen your margins, not your pits.

CELLAR OPERATION

The **X 300 C** can easily be disassembled in single parts which weigh less than 45 kg. It can easily be carried by one or two persons into cellar rooms for the replacement of old house connections.

PIT OPERATION

Due to its compact design the **X 300 C** only requires a very small working area. The durable front plate stabilizes the cable burster against the underground. Pit operations for the replacement of old main lines can easily be done. Its compact footprint requires minimal excavation and the system is built to help you cut down on wasted time, maximizing productivity.

MANHOLE OPERATION

The **X 300 C** can be equipped with round front plates. Manhole operations for manholes with inner diameter of \varnothing 800 or \varnothing 1'000 mm are possible. In combination with threaded short pipes, the whole burst can be done with zero excavation. This provides a faster, more efficient burst.

MANHOLE OPERATION

The **X 300 C** can be installed in manholes of \varnothing 800 or \varnothing 1'000 mm and dismantled it can be lifted through manhole entries of \varnothing 620 mm.





POWER SUPPLY BY VANGUARD POWER PACK

The **X 300 C** operates at low pressure with high production. The robust and powerful VANGUARD petrol engine offers up to 23 HP (17.2 kW). It is durable and reliable.



POWER SUPPLY BY BACKHOE OR MINI-EXCAVATOR

The **X 300 C** can be supplied by a backhoe or a mini-excavator. Connect it to your quick-hitch system of your power supply and operate the **X 300 C** comfortable in the cabin.

TERRA-EXTRACTOR X 300 C

Technical Specifications

CABLE BURSTING UNIT X 300 C	METRIC	IMPERIAL
Pulling force @ 235 bar	300 kN (30 tons)	66,000 lb (33 US tons)
Old pipe	∅ 34 – 220 mm	∅ 1.5" – 8.5" mm
New pipe	∅ 63 – 180 mm	∅ 2.5" – 7"
Length	up to 120 m	up to 400 ft
Pulling speed	90 m/h (1.5 m/min)	300 ft/h (5 ft/min)
Max. pressure	235 bar	3,400 psi
Stroke	250 mm	10"
Pulling cable, diameter	∅ 22 mm	∅ 0.9"
Pulling cable, weight	2.34 kg/m	1.57 lbs/ft
Dimensions L x W x H (closed cylinder)	0.42 x 0.60 x 1.25 m	16.5" x 22.6" x 49"
Weight, without pulling cable	260 kg	572 lbs
Weight max. of each single component, disassembled	45 kg	100 lbs

REAR SUPPORT	METRIC	IMPERIAL
Dimensions L x W x H (front box)	0.3 x 0.6 x 0.4 m	12" x 24" x 16"
Weight (front box)	15 kg	33 lbs

POWER PACK	METRIC	IMPERIAL
Petrol Power Pack VANGUARD, Power	23 HP (17 kW)	23 HP (17 kW)
Hydraulic volume and pressure	40 ltr/min @ 235 bar	11 gpm @ 3,400 psi
Petrol tank	20 ltr	5 gal
Hydraulic tank	20 ltr	5 gal
Cooling capacity	2.4 kW	2.4 kW
Dimensions L x W x H	1.05 x 0.88 x 1.00 m	41" x 33" x 39"
Weight (without oil, without petrol)	200 kg	440 lbs
Weight (with oil, with petrol)	240 kg	528 lbs
Sound emission	< 70 dB(A)	< 70 dB(A)
Vibration specifications	< 0.5 m/s ²	< 0.5 m/s ²

* All data depending on ground conditions. Technical Data may change without prior notice.

TERRA – always one bursting job ahead!



PREMIUM BURSTING TOOLS

High quality bursting tools are available for all kind of material. They are designed and produced inhouse at TERRA to maintain peak performance.



PULLING ACCESSORIES

TERRA offers a wide range of expander cones, sleeves and expander chucks. They allow a safe and secure pulling of the new HDPE pipe.



MACHINE ACCESSORIES

The bursting machines from TERRA can be equipped with different machine accessories. Rear support frames or front plates make the assembly and disassembly easy.



CUSTOMER SERVICE

Satisfied clients worldwide and a great customer service are the result of our constant progress. The TERRA Pipe Bursters are a must have for every contractor!