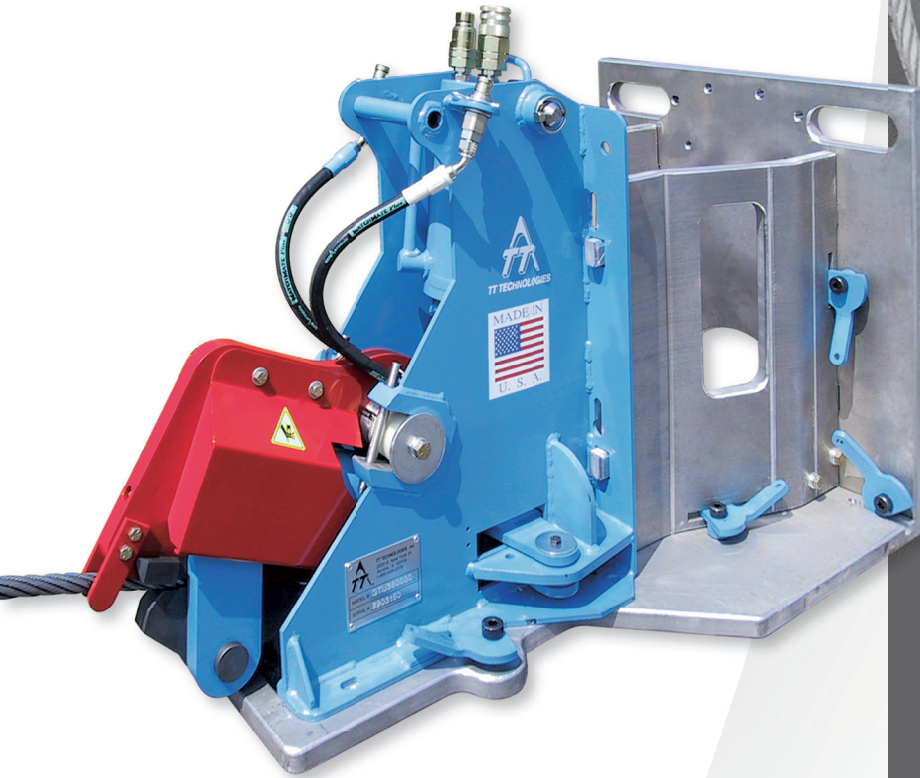


GRUNDOTUGGER®

LATERAL PIPE BURSTING SYSTEM



THE PROFITABLE TRENCHLESS SYSTEM

Pipe bursting laterals has never been easier.

The GRUNDOTUGGER® gives you the power to burst and replace laterals, up to 150 feet and more, in a package that's portable and simple to use. Replace size for size or upsize! TT Technologies backs each GRUNDOTUGGER with over 45 years of trenchless experience.

 **TT TECHNOLOGIES**

GRUNDOTUGGER®

TRENCHLESS LATERAL REPLACEMENT



Exclusive Mini-Excavator Mounting Option provides easy GRUNDOTUGGER transport, placement and removal.



TT Technologies Electro-hydraulic System provides the power needed to meet the challenges of pipe bursting. In addition, the hydraulic power pack system is designed to withstand the tough conditions found at every jobsite.

WITH THE NEW GRUNDOTUGGER YOU CAN:

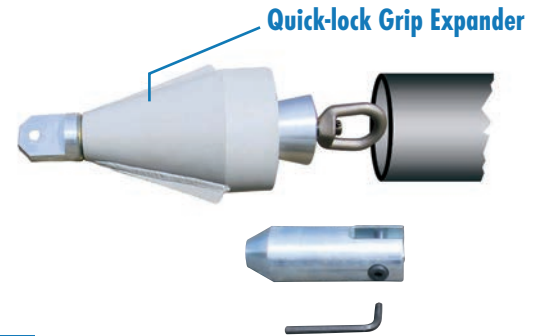
- Replace laterals without costly trenches and restoration
- Negotiate turns and bends up to 45°
- Fuse pipe as you burst
- Burst using low pressure hydraulics

GRUNDOTUGGER EXCLUSIVE FEATURES:

- No component over 75 pounds
- Mini-excavator mounting system and power supply
- GRUNDOMAT® piercing tools can assist in difficult soils
- Quick-lock and bolt-on bursting heads easily installed
- Strongest cable-to-bursting head connection available
- No gripping teeth for longer cable life
- Superior field support

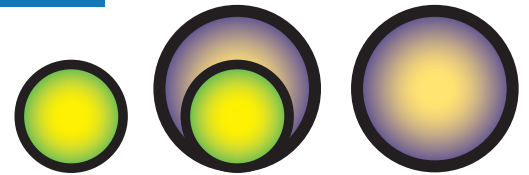
Pipe Fusion Equipment

The system includes pipe fusion equipment for 4- and 6-inch HDPE.

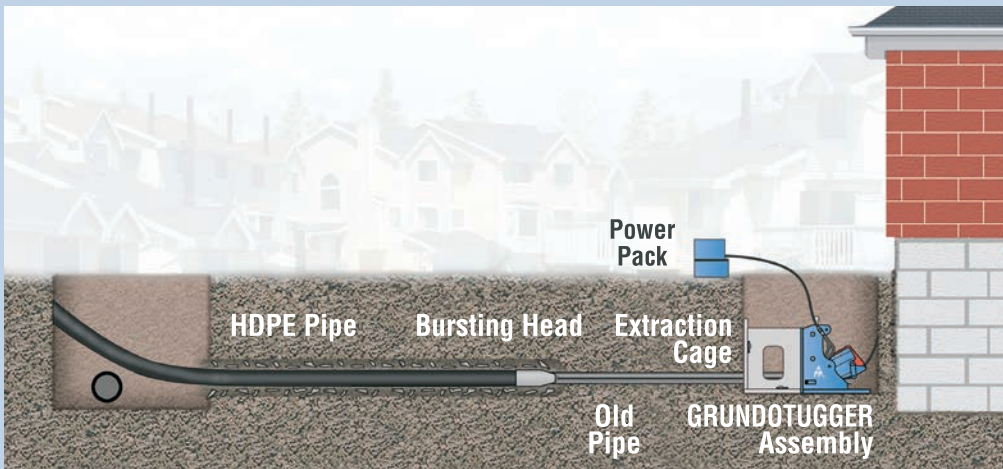


Bursting Heads

Bursting heads for 4- and 6-inch IPS or DIPS pipe are included with each system. Bolt-on expanders and quick-lock grip style expanders available.



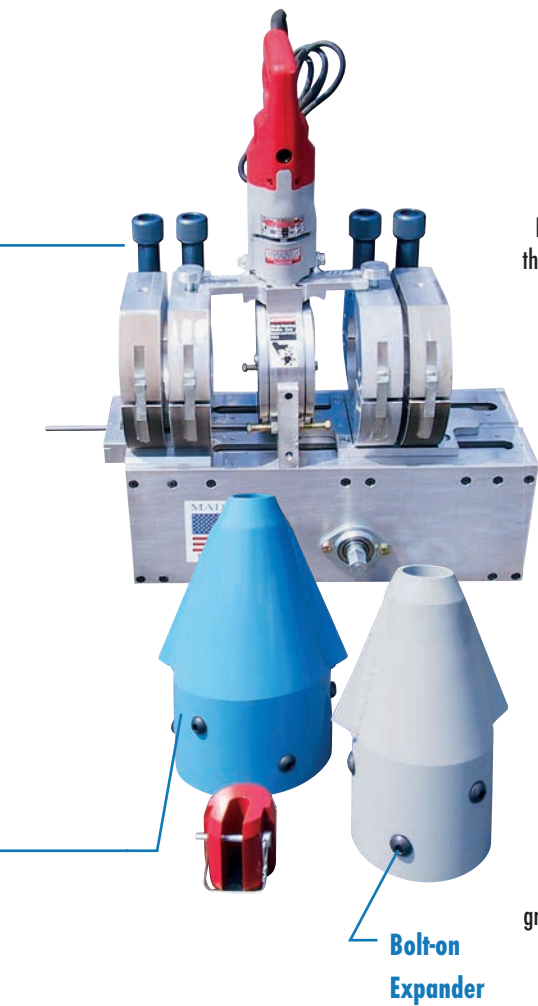
The GRUNDOTUGGER system is ideal for 4-inch and 6-inch lateral upsize or replacement.



TYPICAL SETU



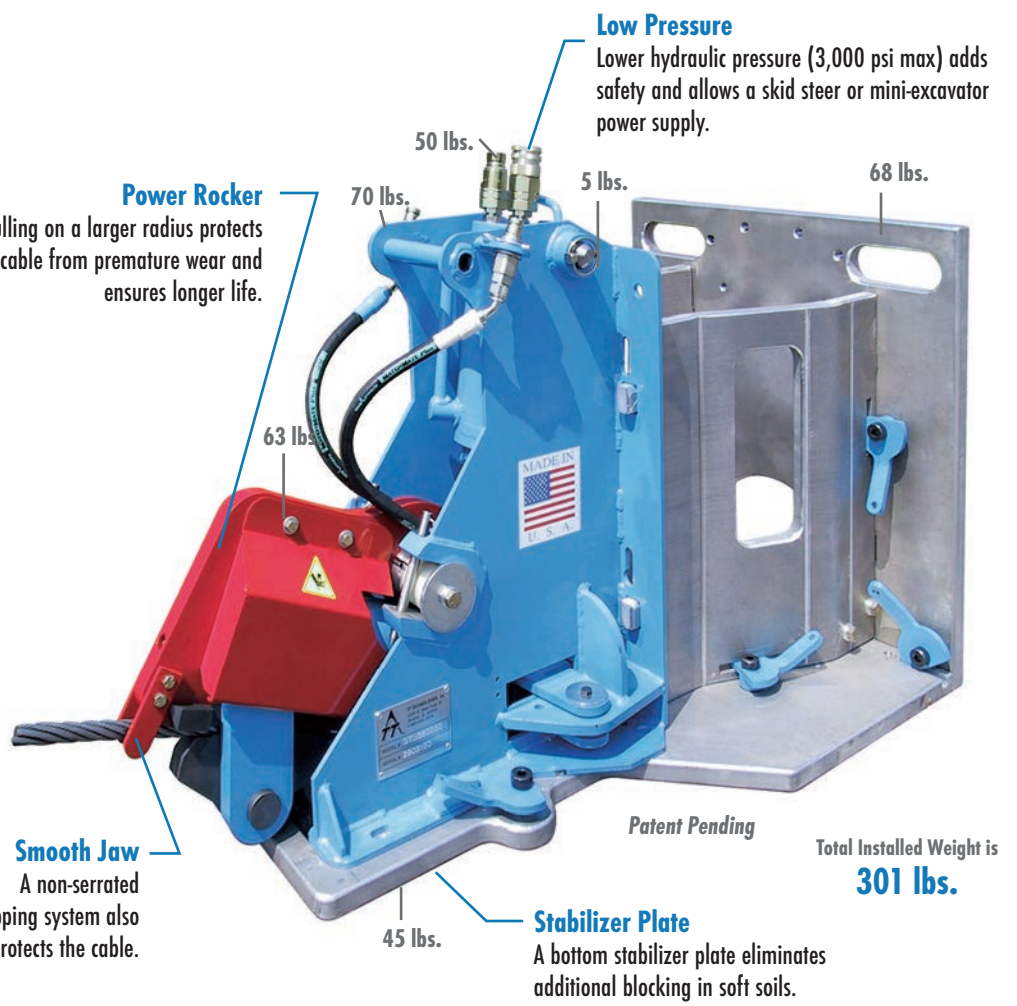
Only minimal excavations (launch and exit pits) on each end of the lateral line are needed to facilitate use of Grundotugger Static bursting system.



Bolt-on Expander

Power Rocker
Pulling on a larger radius protects the cable from premature wear and ensures longer life.

Smooth Jaw
A non-serrated gripping system also protects the cable.



Low Pressure
Lower hydraulic pressure (3,000 psi max) adds safety and allows a skid steer or mini-excavator power supply.

50 lbs.

70 lbs.

5 lbs.

68 lbs.

63 lbs.

45 lbs.

Patent Pending

Total Installed Weight is **301 lbs.**

Stabilizer Plate
A bottom stabilizer plate eliminates additional blocking in soft soils.

System Components:

- 4-inch and 6-inch Bursting Heads (IPS or DIPS)
- Combination 4-inch and 6-inch Fusion Equipment
- Grundotugger® Winch Unit
- 3/4-inch Winch Cable

Also Available:

- Extraction Cage
- 20HP to 27HP Gas Power Packs
- Special Bursting Heads

GRUNDOTUGGER is Fast:

Flow Speed @ 3000 psi max.

- 5 gpm = 3.0 ft/min
- 10 gpm = 5.6 ft/min
- 15 gpm = 8.0 ft/min



TT TECHNOLOGIES

UP



2

Once the launch and exit pits are prepared, the Grundotugger unit is placed in the exit pit and connected to a hydraulic power pack.



3

At the launch pit, the winch cable is rodded through the existing line to the exit pit. The bursting head is attached to the new pipe and connected to the winch line.



4

The Grundotugger unit pulls winch line, the bursting head and new pipe through the existing lateral. This bursts the old lateral, forcing the fragments into the surrounding soil while pulling in the new pipe.

GRUNDOMAT®

HORIZONTAL BORING TOOL

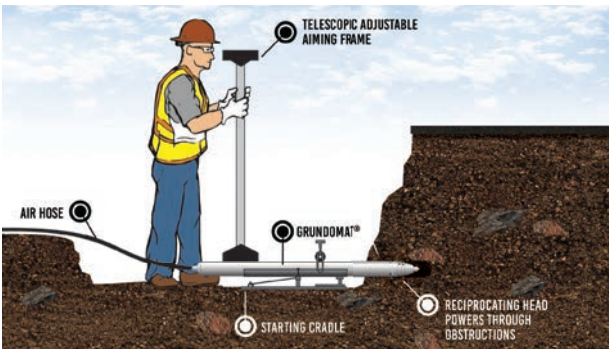


Fast, Efficient, Effective Trenchless Technology

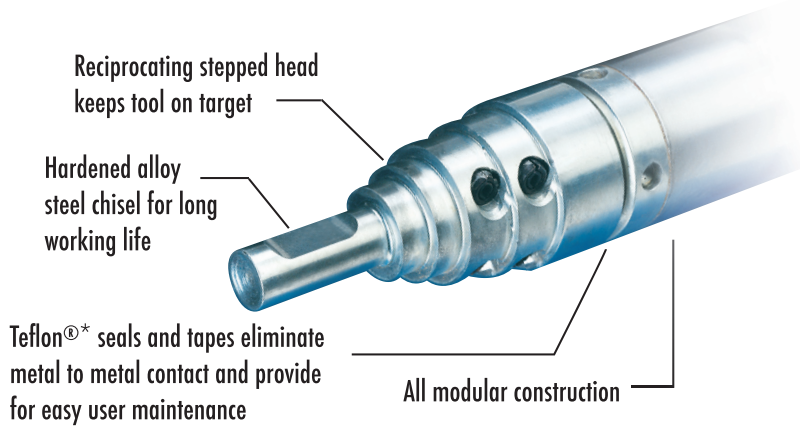
With Grundomat® piercing tools, crews can bore accurately from 50 to 150 feet in length, while pulling in a wide variety of new pipe materials. Twelve models of Grundomat piercing tools are available in sizes from 1 3/4 inches to 7 inches in diameter. All Grundomat piercing tools feature a reciprocating stepped head for superior accuracy. Save time, money and manpower with Grundomat piercing tools.

- Gas Service Lines
- Water Services
- Irrigation Systems
- New Sewer Laterals
- Electrical Conduit
- Drainage Pipes
- Pipe Extraction

The Grundomat requires minimal operating space and is easily launched by hand or from a starting cradle.

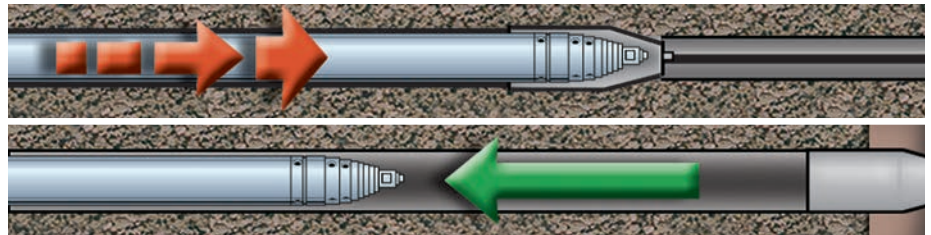


GRUNDOMAT Typical Setup



MODEL	TOOL DIAMETER (IN.)	TOOL PART #	BASIC PACKAGE PART #	DELUXE PACKAGE PART #	LENGTH (IN.)	WEIGHT (LBS.)	AIR CONS. (CFM)	STROKES/MINUTE
45 P	1 3/4	GP0450032	07076917	07060417	39	20	12	580
55 P	2	GP0550031	07076920	07060120	43	32	18	480
65 PK	2 1/2	GKP0650030	07076924	07060424	41	40	23	640
65 P	2 1/2	GP0650030	07076926	07060426	52	55	25	460
75 PK	3	GKP0750031	07076929	07060429	49	62	28	460
75 P	3	GP0750031	07076930	07060430	57	75	32	400
85 PK	3 1/3	GKP0850028	07076933	07060433	53	88	25	480
85 P	3 1/3	GP0850030	07076934	07060434	61	101	32	390
95 P	3 3/4	GP0950030	07076937	07060437	68	143	53	320
95 PK	3 3/4	GKP0950030	07076939	07060439	60	123	46	360
100 P	4	GP1000025	07076940	07060440	68	148	53	320
110 P	4 1/4	GP1100030	07076943	07060443	66	212	64	325
130 P	5	GP1300028	07076950P	07060450P	69	258	92	340
145 P	5 3/4	GV1450030	07076957P	07060457P	78	370	120	310
160 P	6 1/4	GV1600030	07076960P	07060460P	79	437	159	320
180 P	7	GV1800030	07076970P	07060470P	87	573	159	280

GRUNDOMAT Tool Specifications



Add percussive force with a GRUNDOTUGGER piercing tool in combination with the GRUNDOMAT to help increase bursting power. Simply reverse the GRUNDOMAT tool to back it out of the pipe—a proven method since the early 1970's.

The Grundotugger is covered by US Patent No. 6,830,234; 7,125,001; 7,434,784; 7,217,065, and Canadian Patent No. 2,513,430.



2020 E New York Street • Aurora, IL 60502 • 1-800-533-2078 • 1-630-851-8200 • FAX 1-630-851-8299

www.tttechnologies.com • E-mail info@tttechnologies.com

Copyright© 2023, TT Technologies, Inc.
GRUNDOTUGGER is a registered trademark of TT Technologies, Inc.
GRUNDOMAT is a registered trademark of TT Technologies, Inc.
Specifications subject to change at any time.