

MINI-GRUNDOTUGGER® 250 & 375

SERVICE LINE SPLITTING SYSTEM



MINI-GRUNDOTUGGER®

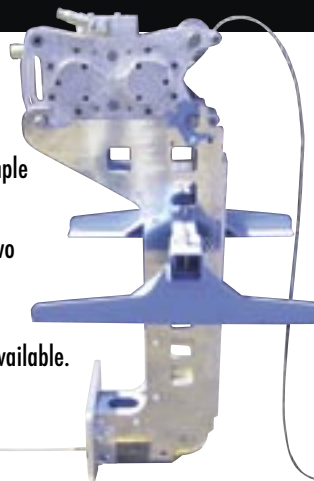
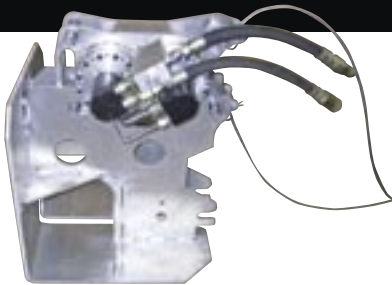
SERVICE LINE SPLITTING SYSTEM

Patent Pending

Trenchless Service Line Solutions

TT Technologies has introduced the most efficient way to remove and replace plastic and copper services—the MINI-GRUNDOTUGGER. The hydraulically powered MINI-GRUNDOTUGGER is a safe and simple way for contractors to split and replace house connections with diameters from 1/2 to 2 inches and up to 75 feet in length with minimal disruption. The MINI-GRUNDOTUGGER can be operated by a one or two person crew and, depending on soil conditions, pulling times can average up to 15 feet per minute!

- Two Models Available 6,500 & 12,000 lbs. Pullback.
- 9 Hp Hydraulic Power Pack.
- Dual-Capstan Drive.
- Various Attachments & Cutting Heads Available.
- Pit Launch.
- Keyhole Boom.



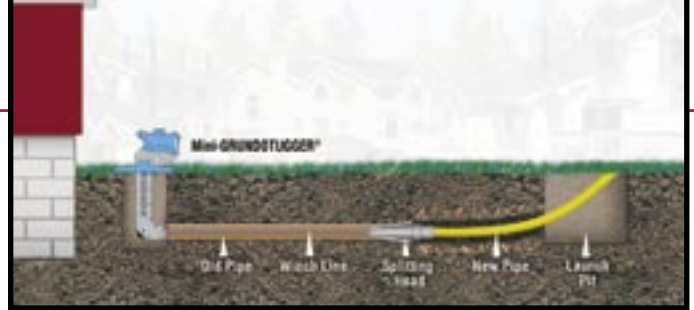
TT Technologies, Inc.

MINI-GRUNDOTUGGER®

Safe, Simple Service Replacement

The MINI-GRUNDOTUGGER System

Trenchless service line replacement with the MINI-GRUNDOTUGGER is simple. Small launch and exit pits are dug at either end of the service line being replaced. A winch cable is rodded from the exit pit, through the existing line, to the launch pit. At the launch pit the MINI-GRUNDOTUGGER's specially designed splitting expander is attached to the winch line. The MINI-GRUNDOTUGGER winch is placed in the exit pit and the winch line is loaded into the unit. The expander forces the split pipe into the surrounding soil. Contractors can choose to pull in the new pipe directly behind the expander or retrieve the split service first, then pull in the new service.



The MINI-GRUNDOTUGGER quickly and efficiently replaces copper and plastic services. The unit's conical cutting blade expander either extracts or splits the existing service while the new service is pulled in simultaneously.

Assembly Parts Specifications

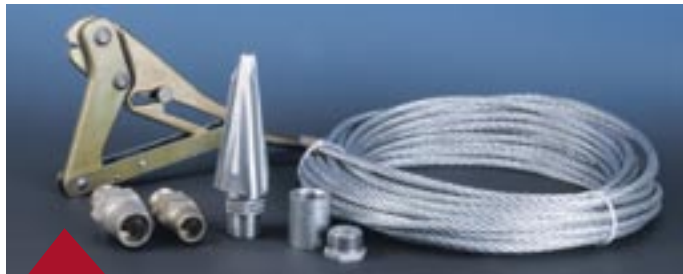
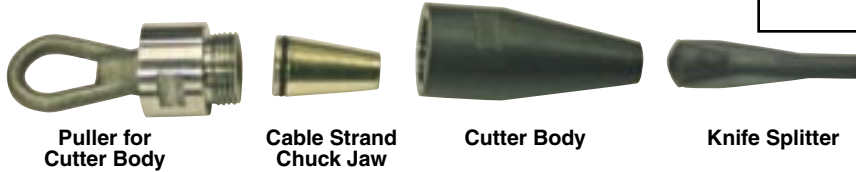
Part Number	Description
0900012	Body, 1 1/2" OD Cutter
0900014	Puller, 1 1/2" OD Cutter Body
0900015	Knife, 5/8" ID PE Splitter (Double)
0900016	Knife, 3/4" ID PE Splitter (Double)
0900017	Knife, 1/2" ID Copper Splitter (Single)
0900018	Knife, 1/2" ID Copper Splitter (Double)
1758	Jaw, 1/4" Strand Chuck
1618	Jaw, 3/8" Strand Chuck
1628	Jaw, 7/16" Strand Chuck

Features & Benefits

- Continuous pulling operation
- Expander with cutting blades
- Unit can be positioned inside or above the pit
- Compact and highly portable

Splitting Head Accessories

- Duct Rod
- Hydraulic Power Pack
- Cutting Heads
- Winch Cable
- Finger Grips
- Quick Links



GRUNDOCRACK Jr.

GRUNDOCRACK Jr. replaces sizes 5/8-inch through 2-inch

Part No. Description

- 110199** 2 1/2-inch diameter GRUNDOCRACK Jr. Small Pipe Splitting System
Includes: Splitting Head, 3/8-inch x 75-foot Cable, Chicago Style Cable Grip, 3/4- & 1-inch Pipe Adapter.

Options:

- | | |
|------------------------------------------------|-----------------------------------------------|
| 0900000 Mini Pipe Splitter | 02130750 Reducing Coupler |
| 0910005 Cable Assembly 3/8" x 75' long* | 04753075 Brass Fitting 3/4" x 3/4" MPT |
| 1684-5 Cable Grip | 04753100 Brass Fitting 1" x 3/4" MPT |
| 02219816 Pipe Coupler | |



GRUNDOCRACK Jr. - Jr.

GRUNDOCRACK Jr. - Jr. replaces sizes 1/2-inch through 3/4-inch

Part No. Description

- 110299** 1 1/4-inch diameter GRUNDOCRACK Jr.-Jr. Small Pipe Splitting System.
Includes: Splitting Head, 1/4-inch x 75-foot Cable, Chicago Style Grip, Cable Grip.

Options:

- | | |
|------------------------------------------------|-------------------------------------|
| 0900005 Mini Pipe Splitter | 02058400 Nipple- 1/2" x 1/2" |
| 0910015 Cable Assembly 1/4" x 75' long* | 07070405 Pulling Eye |
| 1684-5 Cable Grip | 07003230 Quick Link |
| | XS-JL-50-R Cable Grip |

* Longer lengths of cable available upon request.



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