



PORTABURST® LIGHTNING

POWERFUL, COMPACT LATERAL PIPE BURSTING SYSTEM



Profitable Trenchless Results!
PortaBurst systems enhance your jobsite efficiency and productivity and pays for itself in as few as ten jobs.

High Profit Lateral Replacement

The HammerHead® PortaBurst® Lightning is a lightweight, portable, cost-effective and efficient system for replacing 2" to 6" (50 to 150 mm) lateral pipes. Unlike the pipe lining process, pipe bursting lets you install the same or larger size new HDPE pipe, in a minimum amount of time.

High Production

The PortaBurst Lightning system features modular aluminum construction and 30 tons of pulling force designed to work best where lateral pipes are shallow and pits are dug by hand. The system breaks down into four lightweight pieces for easy disassembly and assembly. Once the unit is up and running production rates of up to 12 feet per minute ensure fast and efficient installation.

Environmentally Friendly

PortaBurst systems require small pits, reducing the amount of excavation and associated surface disruption, resulting in an environmentally friendly project.

Versatile

PortaBurst systems operate at low pressure, allowing them to be run by either a dedicated power pack or any third party power supply that produces 3,000 psi (207 bar) and a minimum 13 gallons per minute flow.

People, Service, and Support

For decades HammerHead has led the industry in bringing innovative trenchless solutions to our customers. No project is the same, so our dedicated team of industry experts creates customized solutions to meet your needs. In addition, a global network of HammerHead dealers, are there to support you after the sale.

In the field, on the phone or in your office — you can count on Hammerhead to be your trusted partner.

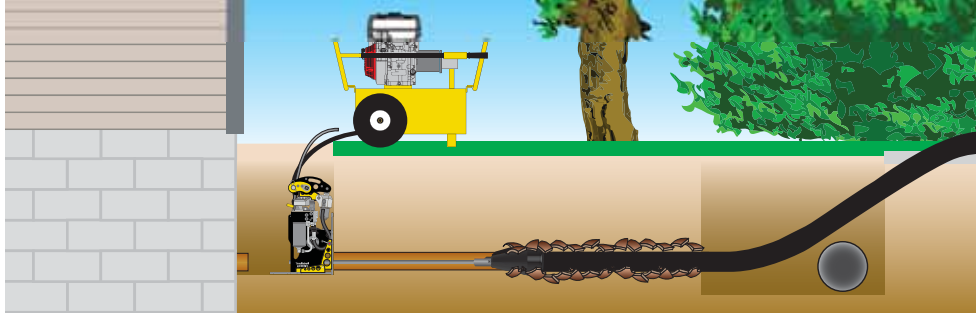


Trenchless Pipe Installation
New HDPE pipe string is installed without joints or couplings and is impervious to roots and leakage.



Quick Grip™ Burst Heads
The patent pending design is the quickest and most secure pipe connection in the industry.

HAMMERHEAD PORTABURST LIGHTNING™



A typical job site with the PortaBurst® Lightning set up at the house. Alternatively the unit can be set up in the basement or at the clean out. The burst head is pulled through the lateral, bursting the existing pipe, while simultaneously pulling in the new pipe.

FEATURES

Compact modular design

Positive Cable Grip System

High Production Unit

Quick Grip Burst Heads
(Patent Pending)

Optional Equipment

BENEFITS

The modular design of the PortaBurst Lightning is easy to disassemble, assemble and transport with components that weigh less than 70 pounds (32 kg) each. Stand up access to jaw sets simplify cable installation.

An actuating cylinder initiates a positive cable grip and a second cable grip holds the cable in place during recycling. This reduces the bungee effect and helps enhance production.

A 12" (31 cm) hydraulic cylinder increases cycle length and delivers production rates up to 12 feet per minute (3.7 meters per minute). The unit runs at 3,000 psi (207 bar) so you can choose a hydraulic power source.

Our 4" and 6" (100 and 150 mm) bursting heads connect to HDPE pipe without the use of hand tools and negotiate 45° bends. The quickest and most secure pipe connection in the industry.

HammerHead offers an optional extraction cage to ease removal of the unit and burst head in one simple lift. Duct rodders and fusion machines are also available.



BURSTING UNIT AND CABLE

Rig Size on Resistance Plate L/W/H - in (cm) 28.5/35.3/23.5 (72/90/60)

Sub-Assembly Weights

Positive Grip Sub-Assembly - lb (kg) 58 (26.3)

Cylinder Sub-Assembly - lb (kg)* 69 (31.3)

Sheave Sub-Assembly - lb (kg) 62 (28.1)

Total System Weight - lb (kg) 189 (85.7)

Resistance L-Plate Weight - lb (kg) 70 (31.8)

Optional Extraction Cage Weight - lb (kg) 52 (23.6)

Maximum Tonnage 29 tons @ 3,000 psi

Productivity 1 fpm: 1.52 gpm

Min/Max PSI Requirements - psi (bar) 1,500-3,000 (103 - 207)

Hydraulic Flow Requirements - gpm (lpm) 3-25 (11-95)

Cable Diameter - in (cm) .75 (1.9) Swaged

Cable Lengths - ft (m) 75, 100, 150 (22.9, 30.5, 45.7)

Power Source Options 13HP or 20HP Power Pack or Other

Pump Flow - g/min (L/min) 6 (23) @ 3,000 rpm

Max. Hydraulic Pressure - psi (bar) 3,000 (207)

Rig Size L/W/H - in (cm) 34/21/30 (87/53/76)

Weight - lb (kg) 250 (114)

Pump Flow - gpm (L/min) 24 (91) @ 2,800 RPM

Max. Hydraulic Pressure - psi (bar) 3,000 (207)

Rig Size L/W/H - in (cm) 52.5/23.5/41.5 (133/60/105)

Weight - lb (kg) 690 (313)

*Without hydraulic fluid

13 HP HONDA
POWER PACK

20 HP KUBOTA
POWER PACK

CALL 800.331.6653 for a free project consultation and demonstration today!

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