HAMMERHEAD
TRENCHLESS EQUIPMENT

HYDROBURST® HB125

125 TON STATIC PIPE BURSTING SYSTEM

Reliable Power for Tough Jobs

The HydroBurst HB125 static Pipe Bursting system is designed for the contractor who wants ONE machine versatile enough to replace 6" (150 mm) to 20" (500 mm) diameter pipe, in water, gas and sewer markets.

Unites Brute Force with Productivity

High productivity leads to increased profits. The HB125 was designed with production in mind. In average soil conditions, a 400 foot job takes as little as two hours to complete including rod payout and pullback. Features like the rod lock vise prevent production loss from rod rebound. Standard rod spinner and onboard rod storage make bursting with the HB125 a one man operation.

Hydraulic Stabilizers

As conditions change during a burst, five hydraulic leveling, lateral and rear jacks can be adjusted to keep the machine on grade and aligned with the existing utility without having to stop the burst and re-shore or level the machine.

Proven Rod Design

The HB125 features a lightweight heat treated alloy rod with an API style joint. This proven design handles thrust loads encountered when pushing around sweeping bends, through encrusted and collapsed lines and long burst lengths.

Rotational Torque Assist

The HB125 is the only pipe bursting machine that combines thrust and rotational torque during payout which allows you to push and rotate through collapsed and encrusted utilities.

Replace Ductile Iron & Steel

When coupled with the line of HammerHead Ductile Slitters, the HB125 can burst even the toughest host pipes including ductile iron and steel.

HAMMERHEAD® HYDROBURST® HB125

DID YOU KNOW?

Pipe bursting is the only trenchless method that can replace the existing pipe with the same size or larger diameter pipe. Using the pipe bursting method reduces potential damage to adjacent utilities by following the existing utility path and reduces social impact while reducing costs associated with utility relocation design.

FEATURES	BENEFITS
High Production System	Simple one man operation, on board rod basket, 19 second rod payout per meter, three hour calculated burst time for 400', quick setup with hydraulic leveling jacks and rear stabilizer.
Proven Rod Design	Lightest rods in machine class. 65.2' (19.0 m) bend radii for projects with sweeping bends. Upset OD feature for rod lock system grip location. Torqued joint design for high THRUST and PULLBACK capabilities
Auto Rod Spinner	Quickly spins rods together to form a uniform pipe string. Provides 800 ft/lbs (1,085 N-m) of rotational torque to rotate through collapsed lines (1,100 ft/lb breakout torque)
Rod Lock Vice	Holds rod in place for constant tension on pipe string and shoring. Increases production
Rear Hydraulic Stabilizer	Quick rear shoring with one lever. 36" (91.4 cm) of travel.
Rotational Torque	Drill through collapsed lines with HDD Drill Bits!
Versatility	From small projects to large, the HB125 has the versatility to replace pipes from 6 to 20 inches (150 to 500 mm)

BURSTING UNIT SPECIFICATIONS	Pipe replacement range - in (mm)	6 – 20 (150 - 500)
	Max. pulling force - tons (t)	125 (113.4)
	Rig Size L/W/H - in (cm)	125/47/min: 42, max: 49 (318/119/min: 107, max: 124)
	Minimum Pit Size L/W/H - in (cm)*	125/65/18 (318/165/46)
	Weight - lb (kg)	7,500 (3,402)
	Max. Shuttle Speed**	19 seconds
	Spindle/Spinner Torque - ft/lb (N-m)	800 (1,085)
	Rotational Speed (RPM)	250
	Vertical Stabilizers	Standard Hydraulic
	Rear Stabilizer	Standard Hydraulic
	Lateral Stabilizers	n/a
	Rod Spinner	Standard
	On-Board Rod Storage - ft (m)	100 (31)
	Rod Diameter - in (mm)	2.75 (70)
	Rod Length - in (cm)	39.4 (100)
	Rod Weight - lb (kg)	52.0 (23.6)
HYDRAULIC POWER SPECIFICATIONS	Engine Manufacturer	Kubota
	Cooling System	Water Cooled
	Engine - HP (kw)	68 (50.7) @ 2,200 RPM
	Pump Flow - gpm (L/min)	43.6 (165) @ 2,200 RPM
	Hydraulic Pressure Max - psi (bar)	4,500 (310)
	Rig Size L/W/H - in (cm)	82.5/56.0/64.5 (210/142/164)
	Weight - lb (kg)	3,300 (1,497)

*Below pipe center line. **Shuttle speeds: no load, aproximately 1 meter of rod.

HAMMERHEAD
TRENCHLESS EQUIPMENT

toll free: 800.331.6653 (USA only) | international: +1 262.567.8833 | web: www.hammerheadmole.com | email: info@hammerheadmole.com