



HammerHead Air Impactor® Pipe Bursting Tools

8" (300 mm) and 12" (400 mm) Air Impactor® Tools



The following specification describes 8" and 12" Air Impactor® Pipe Bursting Tools with Smart Hammer Technology™.

Warranty

A one year warranty must cover the tool while running within specified air pressure and pullback force.

Horizontal Directional Drill Requirements

The tool must connect to 24,000; 33,000 and 55,000 class machines.

Blows Per Minute

The tool must deliver a minimum of 509 bpm (8") or 500 bpm (12") while running at specified air pressure and pull back force.

Independent Body and Striker

The body and stiker mechanism must free float on the shaft connected to the drill rod and isolate the drill rod and drill from impact force.

Pulling

The tool must be able to pull a new HDPE pipe.

Valve

The tool must have drill rod actuated spool valve for sure starting.

Wear Rings

The tool must utilize wear rings on the striker to eliminate metal-to-metal contact, provide easier starting and reduce tool rebuild costs.

Internal Access

The tool must be able to be disassembled and repaired in the field using commonly available hand tools.

Body Characteristics

The body must be a single piece assembly.

Tool Specifications

8" Air Impactor Pipe Bursting Tool

Warranty	One Year
HDD Requirements	24,000; 33,000 and 55,000 class
Blows Per Minute	509
Body and Striker Function	Independent from drill rod
Pulling	Via Adaptors
Valve	Drill rod actuated
Wear Rings	On Striker
Internal Access	With hand tools
Body Characteristics	Single Piece
Tool Weight	335 lbs (152 kg)
Tool Diameter	11.44" (29.1 cm)
Tool Length	32.0" (81.3 cm)
Operating Pressure	110 PSI (7.6 bar) to 200 psi (13.8 bar)
Air Consumption	300 cfm (8,495 L/m)
Rear Feed Capable	Yes

12" Air Impactor Pipe Bursting Tool

Warranty	One Year
HDD Requirements	24,000; 33,000 and 55,000 class
Blows Per Minute	500
Body and Striker Function	Independent from drill rod
Pulling	Via Adaptors
Valve	Drill rod actuated
Wear Rings	On Striker
Internal Access	With hand tools
Body Characteristics	Single Piece
Tool Weight	736 lbs (334.5 kg)
Tool Diameter	14.75" (37.5 cm)
Tool Length	36.7" (93.2 cm)
Operating Pressure	110 PSI (7.6 bar) to 200 psi (13.8 bar)
Air Consumption	500 cfm (14,158 L/m)
Rear Feed Capable	Yes

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