

BX105

BX105 Pneumatic Piercing Tool

PRODUCT OVERVIEW

Heavy Utility model for demanding conduit and utility projects

The BORVEX BX105 is a heavy-duty pneumatic piercing tool designed for contractors performing larger trenchless underground utility installations. Its 105 mm tool body, 1530 mm overall length, and 70 kg operating weight provide a longer, heavier platform suited to demanding conduit and utility crossing projects. Built for professional underground contractors, the BX105 supports controlled trenchless installation with reduced excavation while delivering reliable pneumatic field operation.



Product imagery shown for layout reference. Final BX105 model photography will be added when available.

KEY SPECIFICATIONS

OUTSIDE DIAMETER

105 mm

OVERALL LENGTH

1530 mm

WEIGHT

70 kg

AIR CONSUMPTION

1.6-2.5 m3/min

OPERATING AIR PRESSURE

0.4-0.8 MPa

IMPACT FREQUENCY

2.1-2.9 Hz

COMPLETE TECHNICAL SPECIFICATIONS

SPECIFICATION	VALUE
Model	BX105
Tool Type	Pneumatic Piercing Tool
Outside Diameter	105 mm
Overall Length	1530 mm
Weight	70 kg
Impact Frequency	2.1-2.9 Hz
Operating Air Pressure	0.4-0.8 MPa
Air Consumption	1.6-2.5 m3/min
Recommended Bore Diameter	40-140 mm
Standard Pipe Diameter	Available Upon Request
Connection	Available Upon Request
Recommended Compressor	Contact BORVEX
Specifications Status	Confirmed

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APPLICATIONS

The BX105 is intended for larger trenchless utility installations where contractors require a heavier tool platform. Contact BORVEX to confirm application fit for your bore requirements and site conditions.

Fiber Backbone Installation

For underground fiber backbone conduit runs where a larger pneumatic piercing tool is specified for the crossing.

Telecommunications Infrastructure

For trenchless placement of telecom conduit and infrastructure pathways beneath roads and developed areas.

Electrical Distribution

For underground electrical distribution conduit in commercial and municipal installation environments.

Municipal Utility Projects

For municipal underground utility work where reduced open excavation supports public infrastructure goals.

Water Service Crossings

For trenchless water service line crossings beneath paved surfaces, hardscape, and landscaped areas.

Road and Highway Crossings

For utility crossings beneath roadways and highway corridors where surface disruption must be minimized.

Large Underground Conduit Installation

For contractor-led installation of larger underground conduit runs in demanding trenchless applications.

SELECTION AND COMPRESSOR NOTICE

Final tool and compressor selection must be confirmed based on installation diameter, bore distance, soil conditions, hose configuration, compressor output and jobsite requirements. Contact BORVEX before purchase or operation.

CONTACT BORVEX

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Specifications are subject to revision as product development and documentation are updated. Verify current technical requirements with BORVEX before purchase, setup or operation.

Product imagery may be representative where final model photography is pending.

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