

HP95R / HP95KR

PNEUMATIC PIERCING&RAMMING DEVICES / ACTIVE HEAD PIERCING DEVICES



CE

36 mths

Device tightness warranty

24 mths

Warranty

PRODUCT DESCRIPTION

Pneumatic piercing tool (with reverse mode) complete with active head designed for horizontal operations

APPLICATION

Hand installation of Ø25-75mm plastic pipes

Installation of Ø63-75mm plastic pipes directly(only HP95RM version)

Installation of fibre cables, power and gas lines

ADDITIONAL INFORMATIONS

HP95R is designed for piercing and trenchless installation of PE & PCV pipes up to 75mm diameter. Installation method involves direct pulling of the pipe behind the mole with the use of steel rope and tension plate.

HP95R mole is equipped with active head which improves accuracy. Active head works in 2+1 system which means that energy that comes from first two impacts is used for breaking and pushing the soil away from the mole. Third hit pushes corpse forward. As a result **HP95R** mole is very effective tool.

It is recommended to use **HP95R** mole in hard soils such as dry clay, shales because the energy of the piston is transferred directly onto head which works more efficient.

HP95R is recommended for the approximate range of works:

80% of plastic pipes installation up to Ø75mm, 20% of plastic pipes installation with smaller diameter.

Reverse mode is switched on by pulling the air supply hose out (there is no need to turn the hose). Easy and safe switching of operating mode allows efficient piercing and also allows to quickly reverse the mole in emergency situations. Very important factor is that switching reverse mode on doesn't require turning air supply hose which might be difficult. Sometimes it might not be possible due to lack of stiffness of the air supply hose when mole is far deep in the ground from the entry pit.

HP95PR is modified version of **HP95R** mole with the same range of operation. It is equipped with pneumatical reverse mode applied by changing position of the valve built into the steering-lubricating station

HP95RM and **HP95PRM** modified versions of **HP95R/HP95R** and are equipped with special end nut called pipe pulling tube that allows pipe installation in the first operation.

HP95R is also available as short version **HP95KR**. Same as basic model it is designed to install pipes and cables of the same diameters. Mole has shorter corpse, lower weight and low air consumption. It's very handy and comfortable to use. Customer pick that version for works with limited space available for excavations.



It is not recommended to work with the mole in marshy ground. In such condition it is advised to ram steel pipes but **HP95R/HP95KR** mole due to active head presence isn't adapted for pipe ramming and use of expanders.

HP95R model and its modified versions is not designed for pipe ramming & mini piling. Suitable mole for these operations is HP95.

TECHNICAL DATA

	HP95R/RM	HP95PR/PRM	HP95KR
suggested use - pipe installation Ø [mm]	25-75	25-75	25-75
diameter [mm]	95	95	95
length (without fittings)[mm]	1600	1600	1250
weight [kg]	54	60	45

impact frequency [Hz]	5,5	5,5	5,5
length of drilling [m]	≤30	≤30	≤15
air consumption [m ³ /min]	2,3	2,0	2,0
nominal air pressure [bar]	5,0-6,0	5,0-6,0	6,0-7,0

AVAILABLE EQUIPMENT

Pipe pulling adaptor (carrot) Ø32-50mm	Pipe pulling adaptor (carrot) Ø32-60mm	Pipe pulling adaptor (carrot) Ø63-75mm
Pipe installing rope 25m for HP95	Tension plate 200mm/90mm	Oiler 4l
Oiler Chicago Pneumatic 1,3l	Air supply hose 1"	Compressor air hose 1"
Aiming tool	Anaerobic glue 250ml	Anaerobic glue 50ml
Degreaser- spray 400ml	Hercu Oil	Starting cradle
Water separator VAM		