TERRA

Trenchless Technologies

Piercing Tool
TERRA-HAMMER TA 055

SWISS MADE



TERRA-HAMMER TA 055

Piercing Tools



SHORT LENGTH, HIGH IMPACT ENERGY

With its compact length of just 1.09 m, the TERRA-HAMMER TA 055 is particularly easy to handle and ideal for pipes up to 40 mm OD. Inside, the one-piece main piston generates powerful impulses at 520 strokes per minute and transfers them to the robust body and the active head. TERRA provides a 3-year warranty on the main piston.

THE NEW ACTIVE HEAD (2-STROKE SYSTEM)

The new active head operates using the proven 2-stroke process and, thanks to its air chamber suspension, is particularly wear-resistant. It requires no mechanical springs or seals whatsoever. This makes it exceptionally robust and reliable—ideal for use in hard ground.

TERRA-HAMMER TA 055

Piercing tool

The head of the piercing tool features an integrated bore for attaching a shackle. Using the towing head attached to it, the pipe can be pulled in directly as the piercing tool moves backward. Ideal for the quick installation of small protective pipes.





The TERRA-HAMMER TA 055 requires 0.9 m³/min of air at 7 bar. The ½" hose can be quickly and easily connected to the lubricator. TERRA offers 15 m, 20 m, and 25 m hoses. TERRA also offers quick connect couplings. The direction of flow can be conveniently reversed with just a ¼-hose reverse.

The TERRA lubricator ensures reliable and consistent lubrication of the machine during operation. The infinitely variable oil flow control allows for precise adjustment of the oil volume to the respective operating conditions. Thanks to the integrated start-stop valve, the oil supply can be quickly and easily interrupted or reactivated.





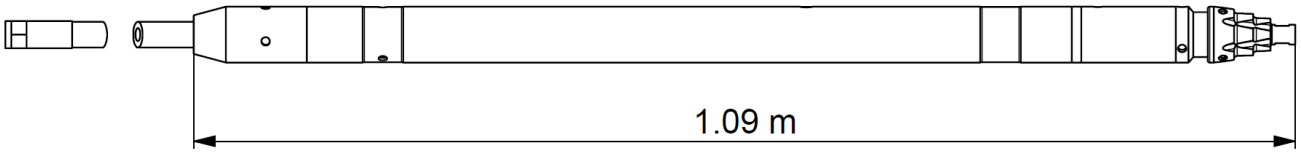
TERRA earth piercing tool oil is a high-quality, biodegradable specialty oil developed specifically for use with TERRA earth piercing tools. It ensures reliable lubrication while protecting the machine from rust and internal icing. The oil is available in convenient 5-liter canisters and is ideal for professional use on construction sites.

TERRA-HAMMER TA 055

Technical Specifications

	METRIC	IMPERIAL (U.S.)
DIMENSIONS		
Diameter	55 mm	2.2"
Length	1.09 m	3.6 ft
Weight	15 kg	33 lbs
OPERATION		
Impact rate	520 1/min	520 1/min
Air consumption	0.9 m^3/min	32 cfm
Air pressure	6–7 bar	85–100 psi
FOR PE PIPES		
Diameter DN	< 40 mm	< 1.6"

These specifications are subject to soil conditions. Subject to technical changes.
The piercing tool must be at least 10% larger than the largest outer diameter of the pipe to be pulled.
Prerequisite for the use of the piercing tool: compressible subsoil.

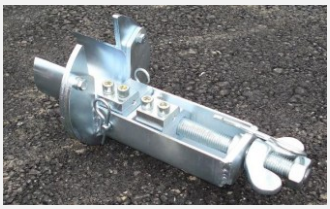


TERRA Piercing Tool—a must-have for every contractor!



LUBRICATOR AND OIL

The lubricator, equipped with a metering valve and a shock unit, lubricates your piercing tool using a special biodegradable oil, ensuring a smooth entry into the ground.



PULLING ACCESSORIES

Cable clamps with interchangeable centering sleeves and a pulling cable are available for simultaneous pipe pulling in difficult soils—using short pipes or from a ring bundle.



QUICK-CONNECT COUPLING

The quick connect allows you to connect and disconnect the long air hose from the TERRA-HAMMER in just a few seconds. No tools are required.



AFTER SALES SERVICE

Satisfied customers worldwide and a service-friendly design make the TERRA piercing tool a must-have for every civil engineer. Customer service that inspires!