

Fluid management Mixing system MS 700

Swiss made



Mixing system MS 700

Fluid management

HIGH SPEED INJECTOR

The high-speed injector is equipped with a big funnel for 25 kg of bentonite. Next to it is a cleaning pipe with hose. It cleans the injector if it gets stuck.



COMPACT DESIGN

The **MS 700** has a very compact design. It can be installed easily on a truck without taking too much space. The mixing station can be lifted with a fork lift or with a crane or excavator at the four lifting eyes. If lifted, the tank must always be empty.

HIGHEST EFFICIENCY AND PERFORMANCE

The **MS 700** fluid mixing system was designed to provide highest performance and efficiency at low costs. Powered by a proven HONDA mixing pump it offers up to 700 l/min of drilling fluid.

The **MS 700** supports horizontal directional drilling systems of all sizes.

2.000 OR 2x 2.000 L TANK WITH BOTTOM FLUSHING

The **MS 700** is standardly equipped with a 2.000 l tank. TERRA also offers a second tank for a higher drilling fluid capacity. Both tanks have integrated a special bottom flushing system. It prevents that the bentonite settles down at the bottom. It is fed from the top and can be opened with a user-friendly regulation valve.

FUNNEL WITH UNDERPRESSURE (VENTURI SYSTEM)

The big funnel with cutting knife makes your HDD live easier on the jobsite. The cutting knife in the funnel opens the bentonite bags. A 25 kg bag of bentonite can be placed besides the funnel. Due to the venturi pipe, there is an under pressure in the whole system. The bentonite is sucked into the mixing unit which provides a reliable mixing.



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Technical Specifications

	METRIC	IMPERIAL (U.S.)
OPERATION		
Pump discharge rate	700 l/min	185 gpm
Fluid pressure	26 m (2.6 bar)	377 psi
Typical tank mixing time	5 min for 1.000 l	5 min for 528 gal
Drilling fluid tank capacity	2.000 l / 2x 2.000 l	528 gal / 2x 528 gal
POWER		
Engine	Honda WT 20 X	Honda WT 20 X
Rated power	4 kW	5 hp
Fuel type	Petrol	Petrol
Engine rpm	3.600 rpm	3.600 rpm
DIMENSIONS / WEIGHT (EMPTY)		
with 1x 2.000 l Tank	2.30 x 1.40 x 1.85 m	7.5 x 4.6 x 6.0 ft
with 2x 2.000 l Tank	2.30 x 2.20 x 1.85 m	7.5 x 7.2 x 6.0 ft
with 1x 2.000 l Tank	550 kg	1,210 lbs
with 2x 2.000 l Tank	980 kg	2,160 lbs

* Technical Data may change without prior notice.

TERRA – always one drill ahead!



PREMIUM DRILLING TOOLS

High quality drilling tools and reamers are available for all ground conditions. They are designed and produced inhouse at TERRA to maintain peak performance.



UMAG LOCATING EQUIPMENT

TERRA is an official dealer of Undergronud Magnetics. The locating system are state-of-the-art, helping drilling crews execute their projects with greater control.



MIXING SYSTEMS

The mixing systems from TERRA allow a fast and efficient mixing of the drilling volume. They are quiet, easy to handle and offer a high capacity of your drilling volume.



CUSTOMER SERVICE

Satisfied clients worldwide and a great customer service are the result of our constant progress. The TERRA-JET Directional Drill is a must have for every contractor!