

Main Advantages

Efficient cable and pipe laying in the ground with surface hardness range from 1 to 4

Thanks to 8-roller truck and 600 mm track it made it possible to decrease ground pressure in comparison with the basic tractor; that allows using the cable layer machine on soft ground (waterlogged, boggy, peaty). Transport width clearance is 2500 mm.

- HST allows implementing traction parameters and ensures perfect maneuverability; and allows performing large scale laying operations. Maximal traction is 31 t is provided at speed up to 1.8 km/h.
- It is possible to set the layer part of the machine at 1225 mm on both sides in horizontal plane. This provides cable laying in complex environment.
- KVG-280 knife vibration in vertical direction leads to 30-60% decrease of traction resistance depending on soil harness and travel speed
- Self-loading and offloading of the cable drum



KVG-1(2)

On TM10.00B HST12 tractor chassis, track width is 900 mm

Description	PVG-1	KVG-1	KVG-2
Cable laying depth, mm	1500	1500	1500
Cable diameter, mm	Up to 80	Up to 80	Up to 80
Pipe diameter, mm	32, 40, 50, 63	32, 40, 50, 63	32, 40, 50, 63
Turn, mm	-	-	1140

Research development

SELF-PROPELLED WELDING MACHINE

On the chassis of TM10 HST9 tractor

Self-Propelled Welding Machine on the chassis of TM10 HST9 crawler tractor is a special motorized mechanism used in completion with welding equipment.

The welding equipment on the tractor is used during construction, overhaul and regular maintenance of gas and oil pipelines and other welding during erection.



Crawler Tractor

TM10.00B HST9 MTO1



TM10.00B HST9 MTO1 Crawler Tractor is a platform for special equipment. The machine is dedicated for transporting and power driving of snow tamper. In general, the complex is dedicated for constructing winter roads. The complex is a research development; it greatly improves the quality of road surface with 3-time reduction of constructing cost for winter roads.

Besides, the crawler tractor TM10.00B HST9 MTO1 can be used as a platform for drilling machines (USh2T type), manipulators with welding machines and other special implements; it is dedicated for pipeline construction and transportation of cargo or passenger (berthing) bodies.

The peculiarity of TM10.00B HST9 MTO1 Crawler Tractor is big load capacity, but flotation capacity is better than wheeled chassis.