

## PORTABLE SLEEPER DRILLING MACHINE

### MODEL PTXL S

The Portable Sleeper Drilling Machine, model PTXL S, allows to carry out all standard drilling works on wooden sleepers. Entirely self-contained and very lightweight, it is very easy to handle and transport.



#### 1. DESCRIPTION AND OPERATION

The major components of the Portable Sleeper Drilling Machine, model PTXL S, are as follows:

- **A petrol engine** with a reducer;
- **2 handles** one of which is equipped with a trigger for the auger clutching and unclutching and an "ON-OFF" button;
- A Graffenstaden **auger holding chuck**;
- **An auger brake**;
- The operator's safety is reinforced due to this auger brake fitted with automatic tripping. If the auger is jammed in the sleeper, the drilling machine may then move counterclockwise ; in this case, the flexible brake lever comes into contact with the operator's leg which stops the machine.

## 2. TECHNICAL DATA

- 2-stroke petrol engine, **STIHL BT-121 C** air cooled, automatic recoil starter: 1,5 kW (2 hp) at 8500 rpm
- Graffenstaden auger holding chuck, shank diameter: 16 mm
- Maximum auger diameter: 25 mm
- Tool rotation speed: 730 mm
- Dimensions:
  - Length: ≈ 605 mm
  - Width: ≈ 710 mm
  - Height: ≈ 525 mm
- Mass: ≈ 10,5 kg

## 3. ACCESSORIES AND OPTIONS (at extra price)

- **Auger holding chuck with a cylindrical shank instead of auger holding chuck with Graffenstaden shank**
- **Other auger holding chucks on request**
- **Auger protection unit which comprises:**
  - A telescopic auger protection sheath
  - A telescopic sheath with a pneumatic system raising the machine at the end of the drilling operation
  - An adjustable stop to adjust the drilling depth
- **Drilling guide provided the above auger protection unit has been ordered**  
(*auger diameter and type of laying to be specified for each drilling guide*)
- **Device for instantaneous unlocking of the auger**
- **Cylindrical augers, single or double flute, Graffenstaden shank**  
(*other types on request*)

### 3. ACCESSORIES AND OPTIONS (at extra price – cont'd)

- **Reamed augers, single or double flute, Graffenstaden shank**  
(*other types on request*)

- **Support trolley**

This trolley is specially designed for the portable sleeper drilling machine model PTXL-S to ease the work of the operator and is characterized by its lightness, its robustness and its versatility.

The system with deformable parallelogram completed by two air rams guarantees perfect guiding of the drilling machine and balances the weight for optimum operator's comfort.

This trolley is electrically insulated and equipped with four single flanged rollers. A central pin-setting enables the drilling machine to be maintained in the perfect vertical position or according to the ramp of the track at all times.



- Track gauge: 1435 mm  
(*others on request*)
- Number of rollers: 4
- Ramp:  $-1/20^{\text{th}}$ , 0,  $1/20^{\text{th}}$  (*others on request*)
- Dimensions (folded):
  - Length: 850 mm
  - Width: 220 mm
  - Width: 490 mm
- Mass: 21,5 kg

*We reserve the right to modify any equipment specification of the present offer to take into account the latest technical improvements and working conditions at the date of manufacturing.  
Pictures and drawings may include some options and are not contractual.*