

## Pipe Band Saw TPS1600V: Versatile, Powerful and Efficient

TPS1600V is a hydraulic workshop band saw for thermoplastic material(HDPE, PP, PVDF, PPR, PVC) pipes from 630mm to 1600mm diameter. Thanks to the slewing bearings, the machine body can be easily moved by manual. And the cutting angle is adjustable with precision from  $-45^{\circ}$  to  $67.5^{\circ}$ . It could work ideally with ATLA fittings fabrication machine for various kinds of fittings.

The equipment is provided with a mobile control panel, which gives the chance to the operator work in a safety distance from the cutting area. By the control panel, the operator can control the automatic movement of the saw (up/down) and also regulate the cutting speed.

### TPS1600V

#### STANDARD COMPOSITION

- ✓ Pipe supporting bed
- ✓ Straps used to clamp the main pipes
- ✓ Control panel with emergency stop
- ✓ Laser cut detection
- ✓ Special saw blade available for thick walled pipe
- ✓ Pipe support

#### OPTIONS

- Hydraulically clamping pipes
- Automatically adjusting cutting angle
- Automatically adjusting saw band guide
- Automatically feeding pipes

Cutting Range:  $\phi$  630-1600mm | Max Cutting Angle:  $67.5^{\circ}$  | Power Supply: 380V, 50/60Hz

Rated Power: 6.0kW | Material: PE-PP-PPR-PVDF-PVC (special saw needed) | Net Weight:  $\approx$ 6500kg



#### **Manual**

- ✚ Angular cutting  $-45^{\circ}$ - $67.5^{\circ}$
- ✚ Cutting both side for producing tees and segments
- ✚ Adjustable feeding speed with electric drive
- ✚ Laser cut detection
- Manually clamping pipes
- Manually adjusting cutting angle
- Manually adjusting saw band guide
- Manually feeding pipes

#### **Light automation (on request)**

- ✚ Angular cutting  $-45^{\circ}$ - $67.5^{\circ}$
- ✚ Cutting both side for producing tees and segments
- ✚ Adjustable feeding speed with electric drive
- ✚ Hydraulically clamping pipes
- ✚ Laser cut detection
- ✚ Automatically adjusting cutting angle
- Manually adjusting saw band guide
- Manually feeding pipes

#### **Heavy automation (on request)**

- ✚ Angular cutting  $-45^{\circ}$  - $67.5^{\circ}$
- ✚ Cutting both side for producing tees and segments
- ✚ Adjustable feeding speed with electric drive
- ✚ Hydraulically clamping pipes
- ✚ Laser cut detection
- ✚ Automatically adjusting cutting angle
- ✚ Automatically adjusting saw band guide
- ✚ Automatically feeding pipes