

**Machinery & equipment
for woodworking**



2017



Horizontal sawmill TTP-35

Horizontal sawmill **TTP-35** is designed for lengthwise sawing of the logs. **TTP-35** is perfect machine for **private users and small enterprises** who wants to produce timber for their own purposes and for services as well. With our machine, customers can significantly **improve work** on their farm or in company.

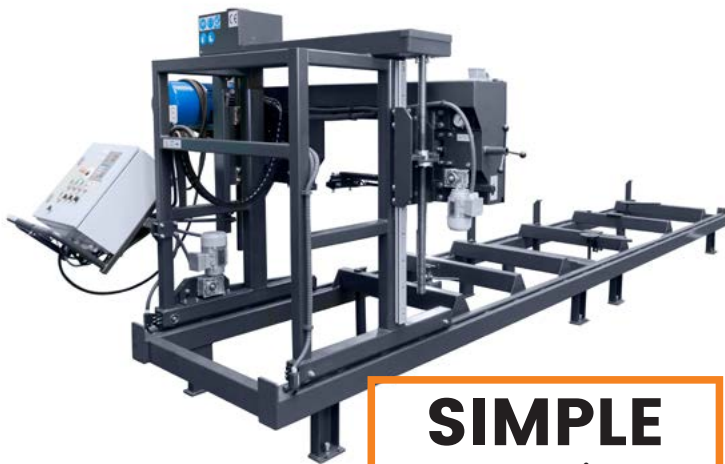
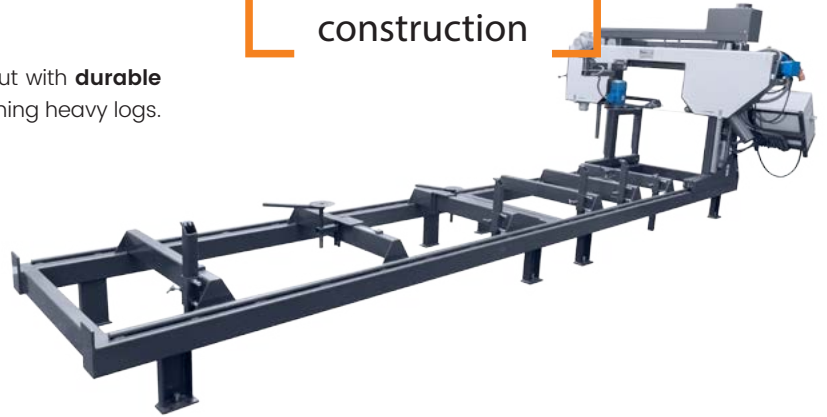
Compared to other products on market, **TTP-35** stands out with **durable and stable frame**, what is important while loading and turning heavy logs. Falling log doesn't deform saw bed structure.

Very important feature of sawmill **TTP-35** is **simple assembling and operation** as well. Even person not familiar with such devices can learn it fast.

Our sawmills are equipped with **electric and mechanical parts provided by reliable, leading world producers**. **TTP-35** electrical system includes **numerous protection devices** which ensure fully safe operation. It's confirmed by **CE mark**.



RIGID
construction



SIMPLE
operation

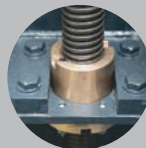
Main parameters:

- max. log diameter: 800 mm / 730 mm without turning the log
- max. log length on 6 meters bed: 4,80 meters
- electric main motor power: 7,5 kW or 11 kW
- band saw blade width: 35 mm or 40 mm
- band saw blade length: 4 000 mm
- cutting speed: 30 – 35 m/s
- max length of one bed's segment: 3 000 mm
- sawmill width: 2 080 – 2 560 mm
- sawmill height: 1 670 mm
- sawmill weight: ca. 1 200 kg (with two segments bed)

TTP-35 STANDARD EQUIPMENT:



electrical feed system



electric operation up/down



log side supports



convenient drive keeping



guidance roller arm with electric adjustment



hydraulic band saw tensioning

ADDITIONAL EQUIPMENT:



debarker



log lift



automatic thickness controller



main motor power 11 kW



bed extension (one section 3 000 mm)

Sharpening machine for band saw blades OPT-60

This machine is used for sharpening the narrow band saw blades in a semi-automatic cycle. Compared to other products on market, **OPT-60** stands out with **highly efficient** sharpening what results in **work costs reduction**. This machine can be successfully used in small companies and big enterprises as well, also for multi-shift work.



Grinding element in **OPT-60** is **CBN wheel** which guarantee high effectiveness of sharpening. The tooth parameters are being changed manually. **Convenient system for arms level adjustment**, allows to set all arms simultaneously, also when cover is closed. Sharpening machine **OPT-60** is equipped with **carbide blade for teeth deburring**.

Alike in other our machines, OPT-60 also is equipped with **electric and mechanical parts provided by reliable, leading world producers**.



Main parameters:

- sharpening in a semi-automatic cycle
- grinding wheel diam.: 203 mm
- pitch of sharpened teeth: 22,2 mm
- band saw blades width: 32÷60 mm
- band saw blades length: 2400÷6000 mm
- speed of sharpening: 70 teeth/ min
- machine dimensions: 2200x1600x height 1500 mm
- net weight: 180 kg

ADVANTAGES OF OPT-60



grinding with CBN wheel



efficient cooling system of CBN wheel



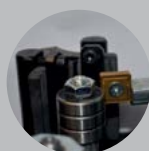
convenient system for arms level adjustment



cycle counter



variable grinding speed – inverter



carbide blade for teeth deburring

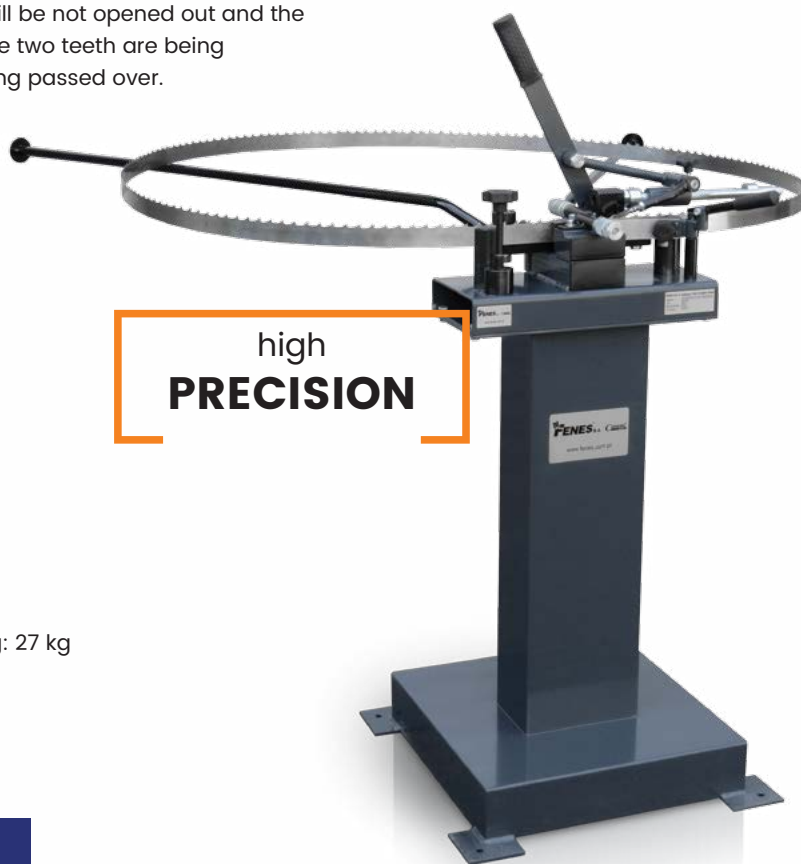


Manual setting machine for band saw blades RPT-60

Manual setting machine for band saw blades **RPT-60** is very easy to operate and failure-free. When pressing the lever, the teeth are being opened out. The return move of the lever moves the saw blade by next teeth. Depending on a kind of saw blade, it is possible to adjust the mode of saw setting, for example: one tooth will be not opened out and the other two teeth will be opened out – with this mode two teeth are being opened out at the same time and one tooth is being passed over.

Main parameters:

- band saw blade width: 20÷60 mm
- band saw blade thickness: 0,8÷1,25 mm
- teeth pitch: 19÷30 mm
- size of saw set: up to 1,0 mm per side
- accuracy of saw setting: +/- 0,05 mm
- teeth height: 4÷10 mm
- net weight: with footing: 50 kg; without footing: 27 kg



high
PRECISION

Tension meter TPT-67

The instrument for **band saw blades tension measuring**. Indicates the actual rate of band saw blades tension. Tension is shown in [MPa]. Proper band saw tension during its work, extends its service life and improve cutting quality.



ACCURATE
measurement

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