

**Pilous**

Železná 9, 619 00 Brno, Czech Republic

Tel.: +420 543 25 20 10

e-mail: wood@pilous.cz, www.pilous.cz

CTR 550 E MOBIL



3110 x 27-35 x 0,9 mm

Max. log diameter	550 mm
Max. opening between blade guides	400 mm
Max. elevation of blade	465 mm
Min. log height	20 mm
Max. depth of cut	200 mm
Total sawing length	4,35 m
Length extending section	2,25 m
Total length of the machine including the trailer	6.489 mm
Min. log length	0,9 m
Saw blade motor	4 kW
Feeding motor of the arm bridge	0,18 kW
Max. feed speed (forw/back)	15 m/min.
Sawblade	3110 x 27+35 x 0,9 mm
Trailer weight	355 kg
Total weight of the machine including the trailer	560 kg
Extending section weight	98 kg

Nominal current of circuit breaker is minimally 20 Ampere

DESCRIPCIÓN DEL PRODUCTO

Feed into the cut and back - motor-powered

Arm height adjustment - manual

Control panel - on a mobile bridge

Log handling - manual

Maximal log length - 4,35 m

The machine is mounted on a stable trailer that allows easy transport of the machine to the sawing location.

The total weight of CTR 550 E mobil with a trailer is 585 kg.

Check your vehicle's registration card for the maximum permissible trailer weight!

The trailer is fitted with six robust, infinitely adjustable support legs. These ensure stability both when loading and handling the log and during the sawing itself. Easy loading of the log onto the loading area of the machine using a manual winch and a ramp for log loading (accessory). The trailer is homologated, including complete machine.

The trailer is single-axle and non-braked. The delivery also includes a waterproof tarpaulin, protecting the bridge with the sawmill arm from rain during transport or parking. For secure fastening, the tarpaulin is fitted with grommets and a steel cable with ends allowing the use of a padlock. The maximum permissible speed is 130 km/h.

The smallest machine in the offer. It is designed primarily for cutting smaller volumes of lumber. Ideal solution for family farms or small sawmilling companies. Unlike CTR 550 mobil, this model is equipped with mechanical feed into the cut and back with continuous speed control. That greatly increases comfort of the operator and the overall productivity. The feed is driven by an electric motor with worm gearbox controlled by a frequency inverter. You can change the speed of travel simply by turning the potentiometer on the control panel. End positions are secured against impact by means of automatic deceleration and stopping. The control panel is placed on a mobile bridge of the sawmill arm. Thanks to that the operator has closer access to the workpiece when cutting. Height is adjusted using a hand crank with adjustable scale.

The maximal log length can be extended using the Mobil extending section, see accessories. Total power input of the machine of 4,18 kW guarantees low operating costs and easy connection to mains. The solidly mounted drive wheel is driven via a V-belt by a professional Honda petrol engine. Mechanical clutch lever enables an easy start of the engine and removal of the engine from the saw blade when the cut had finished.

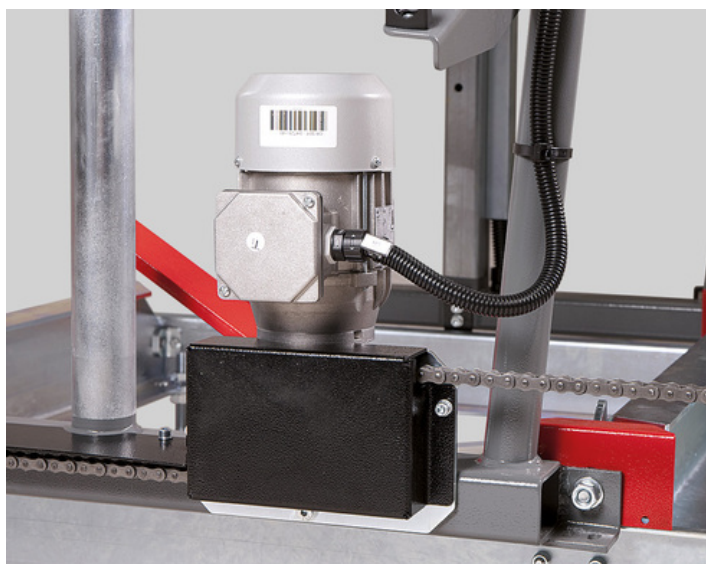
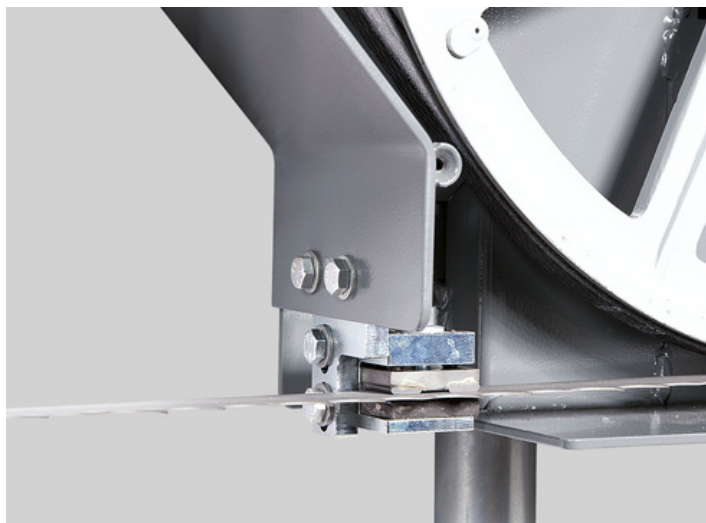
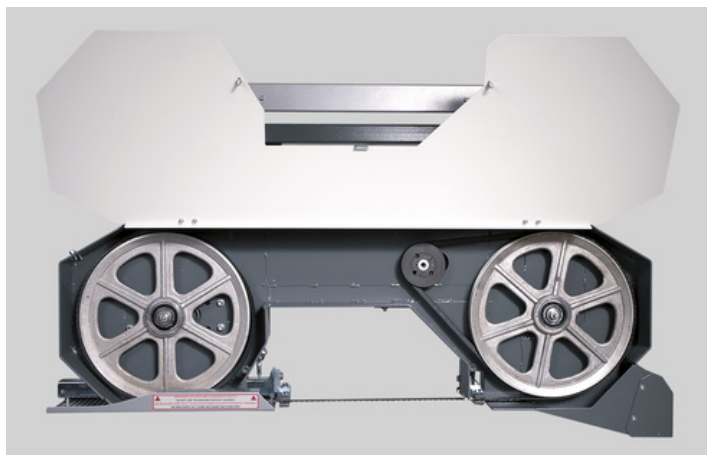
The tensioning wheel system moves in a cast iron guide, which guarantees long service life and precision adjustment even with long-term use of the machine. The arm is fitted with aluminium running wheels with precise anti-vibration balancing. The circumference of the wheel has a recessed groove in which a replaceable rubber-textile V-belt is fitted, which forms the contact surface between the wheel and the saw blade. The stability of the machine is based on solid steel travel sections, which ensure optimum guidance of the sawmill bridge. The travel sections are fitted with tilting angle bars and log clamps/cam dogs.

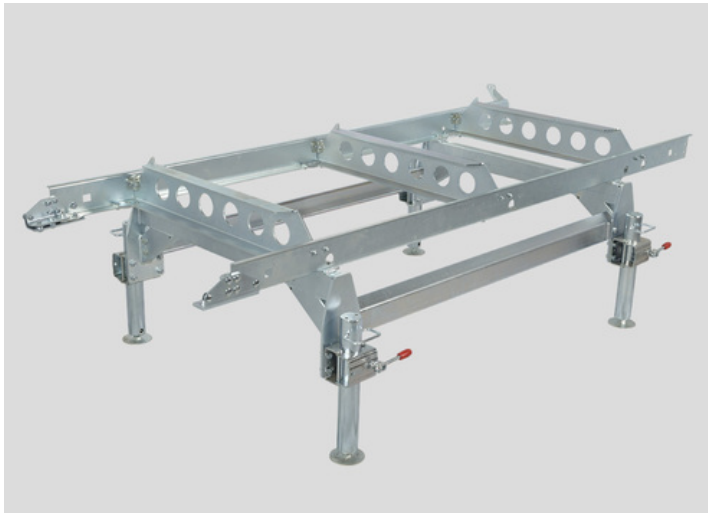
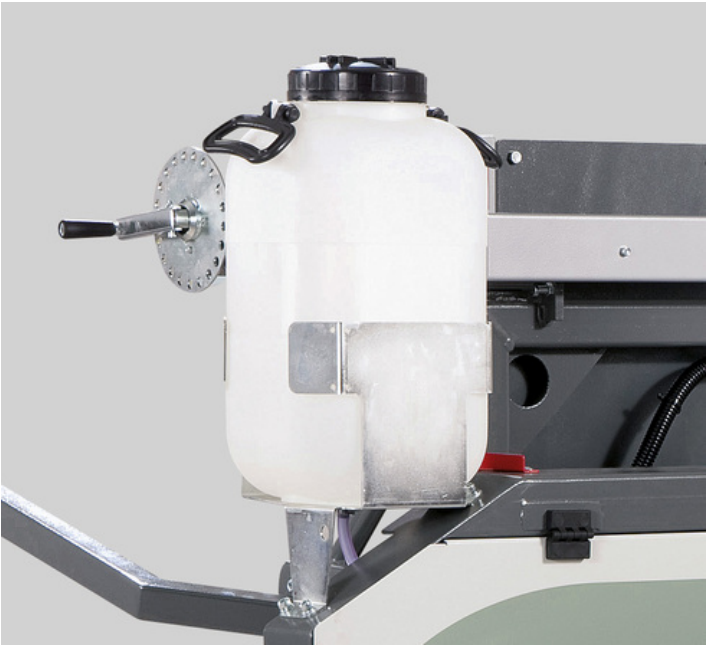
The samill CTR 550 E mobil uses standard sawmill blades 27-35 x 0.9 mm as with the fully professional models.

The CTR model series represents the latest trends in log-cutting sawmill design, with special emphasis on maximum accuracy and long service life at minimum cost. The machines are designed in an original modular way, which allows easy replacement or adjustment of all main technical nodes and their individual parts. This significantly reduces maintenance costs in the long-term use of the machine and also reduces service times, thus reducing production downtime.

All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.

GALERÍA DE IMÁGENES





ACCESORIOS

ACCESORIOS – SPECIAL ACCESSORIES



**Extending section
2,25m Mobile**

Extending section Mobil 2,25 m

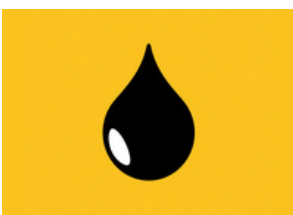
The cutting length of one section is 2.25 metres and the sections can be connected to each other. It can extend the total cutting length of mobile log band saws. The extending section consists of a very stable support structure that holds travel sections of the same design as those on the trailer. The Mobil extending section is fitted with four sturdy, continuously adjustable support legs. These ensure stability both when loading and handling the log and during the sawing itself. The Mobil extending section forms a separate unit. **Due to its weight, it must not be transported on the trailer.** It must be transported separately, either as a whole or disassembled.



**Saw blade tension
indicator**

Saw blade tension indicator

Ensures accurate tensioning of the saw blade to a required value according to the pressure gauge and its control during the use of the machine. Optimum tensioning of the saw blade is essential for its service life and cutting accuracy.



**START/STOP
cooling system**

START/STOP cooling system

Integrated in the cooling system is an electromagnetic through-flow valve, which automatically opens when the saw blade is started and closes when the saw blade is stopped. It substantially lowers the coolant consumption and saves time needed for replenishment of coolant liquid.



**Log loading kit-
mobil**

Log loading kit (ramp with winch)

Allows logs to load on the trailer. Include a ramp and winch.



**Additional winch
holder**

Additional winch holder

The auxiliary winch holder saves your time if you frequently change the length or conicalness of the log being cut. You no longer need to move the base winch holder.



Log turner - hook

Log turner - hook

When attached to the rope winch, it facilitates log turning.



Cant hook

Cant hook

Serves as help with manipulation with logs on machine frame.



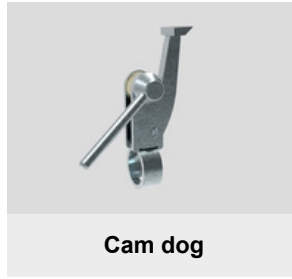
**Clamp with tilting
angle bar**

Clamp with tilting angle bar

Additional clamping kit. It consists of the clamp and a tilting angle bar.



Additional clamp



Cam dog
For fast and easy squared
lumber clamping.



Grease Gun
For regular maintenance of the
machine according to the lubrication
plan. Metal grease gun for 400g
tubes. Equipped with a flexible
pressure hose.



Synthetic Grease LV 2-3
400g tube for the grease gun.

ACCESORIOS – CONSUMABLE PARTS



Hard-metal plate 20 x 0.9 mm



Hard-metal plate 12 x 4 mm

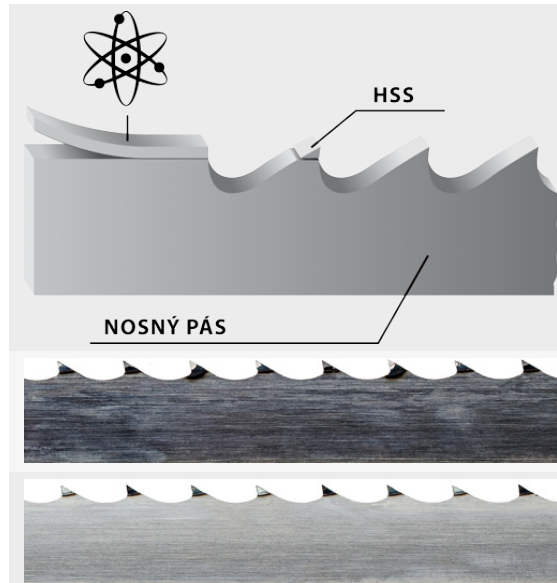


Running wheel V-belt SPB 1500
Driven Wheel V-belt 17x1220 Li

**Running Wheel V-
belt SPB 1500**
**Driven Wheel V-belt
B 17x1220 Li**



- The original sawmill blades PILOUS MAXwood are available in a variety of types which enables you to process any kind of wood.
- The wide product range not only offers more affordable sawmill blades for low-volume cutting, but includes also sawmill blades for fully professional cutting and utmost performance.
- The foundation of all sawmill blades are top-quality German materials and precise workmanship. The quality of the sawmill blades is carefully monitored. All sawmill blades correspond to the strict ISO 9001 norm.
- We have added to our portfolio also an original Munkfors sawmill blade made by the world's leading manufacturer Uddeholm from Sweden.
- Pilous sawmill blades are used in dozens of countries around the world. Any wood you cut, the company Pilous will recommend you a sawmill blade that will fit your needs.



BiMetal

Sawmill blade with tool steel teeth - completely eliminates the need to sharpen the sawmill blade as well as frequent blade replacement. Use: soft, hard to extremely hard wood.

HSS

Bearing blade

Stellite

Sawmill blade with teeth made of Stellite. Tooth setting is completely unnecessary. Use: soft, hard to extremely hard wood.

Carbon spring steel

The most common sawmill blade for optimum price/performance ratio. Use: soft and hard wood.



Be careful when unpacking welded sawmill blades. They are in a shipping container in tensioned condition. Remove the sawmill blade cover only after fitting it onto the machine.

