



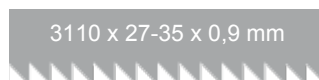
**Pilous**

Železná 9, 619 00 Brno, Czech Republic

Tel.: +420 543 25 20 10

e-mail: [wood@pilous.cz](mailto:wood@pilous.cz), [www.pilous.cz](http://www.pilous.cz)

## CTR 550 E MOBIL



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
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	385 kg
Total weight of the machine including the trailer	585 kg
Total length of the machine including the trailer	

**Nomimal current of circuit breaker is minimally 16 Ampere**

## DESCRIPTION

**Feed into the cut and back – motor-powered**

**Arm height adjustment – manual**

**Control panel – on a mobile bridge**

**Log handling – manual**

**Total sawing 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 path for log rolling (accessory). The trailer is homologated, including travel sections, material clamps and tilting plates. When applying for a new MOT test certificate, it is necessary to remove the travel bridge with the saw band arm.

Easy disassembly and reassembly. The trailer is single-axle and non-braked. The delivery also includes a waterproof tarpaulin, protecting the bridge with the saw band 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, joiners' workshops or small sawmills. Unlike CTR 550, 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 converter. 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 saw band arm. Thanks to that the operator has closer access to the workpiece when cutting. Height is adjusted using a hand crank with adjustable scale.

**First machine of its type in the world that uses bimetallic saw band which is by default used in metal band saws.**

**That brings the following benefits:**

- very simple operation
- single saw band cuts all types of wood without tooth adjustment (sharpening, tooth setting)
- elimination of tedious, technically challenging sharpening and setting of teeth
- you can immediately start cutting wood in professional quality without any necessary experience
- bimetallic saw band easily cuts metal materials in the log such as nails, shrapnel or bullets
- professional three-side hardmetal saw band guidance in guiding heads and robust support of all rotary parts ensure high cutting accuracy and long service life of the saw band
- maximum accuracy, like in professional machines
- no need to purchase tooth sharpener and tooth setting machine
- easy accessibility and low cost of bimetallic saw bands

Total power input of the machine of 4,2 kW guarantees low operating costs and easy connection to mains. You may also use a special 35 x 0.9 mm bimetallic saw band instead of the 27 x 0.9 mm bimetallic saw band. Similarly to the metal-cutting bimetallic saw band it doesn't require any sharpening or tooth setting. You can also fit your machine with standard saw-cutting bands (35 x 0.9 mm) identical to those used in higher professional models CTR 710, 800 and 950. Larger teeth in these saw bands allow for increase of productivity when cutting large diameter logs. However, in the above mentioned saw bands it is necessary to sharpen and set the teeth regularly.

The arm is fitted with aluminium running wheels with accurate balancing against vibrations. The wheel has a groove along its circumference. The groove holds a replaceable rubber-textile belt which creates an optimum contact area between the wheel and the saw band.

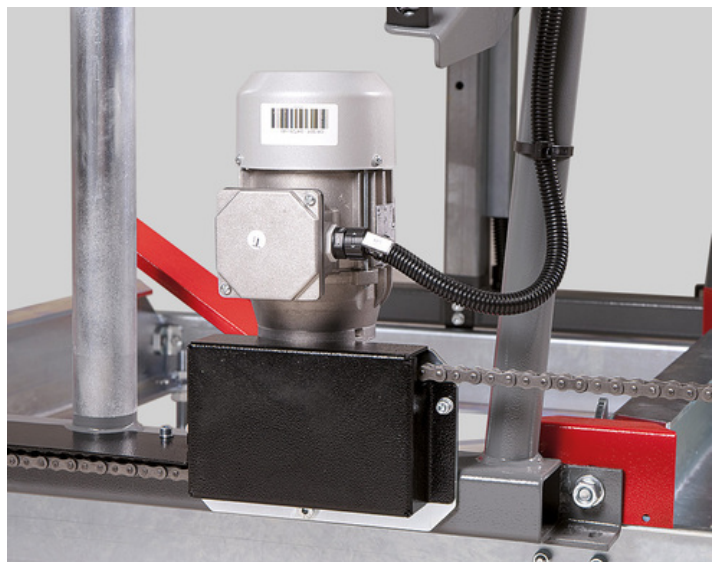
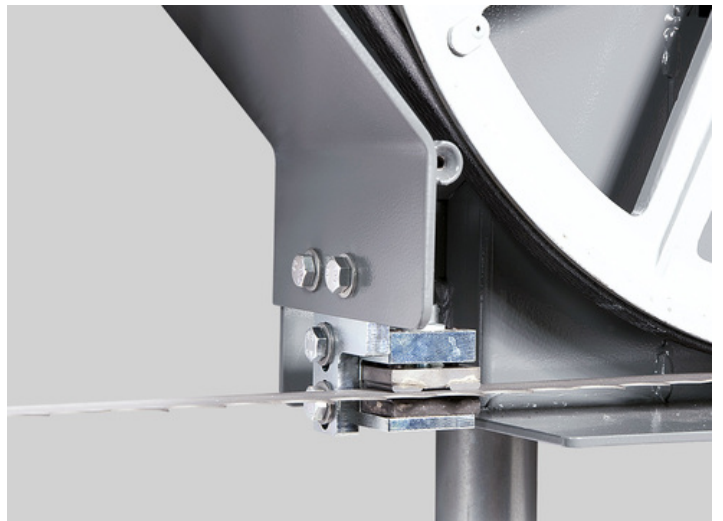
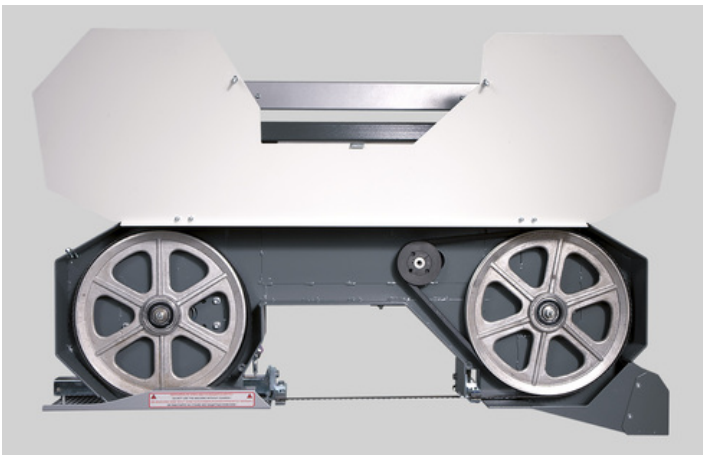
The sturdily mounted running wheel is powered through a wedge belt by a professional electric motor specially balanced against vibrations.

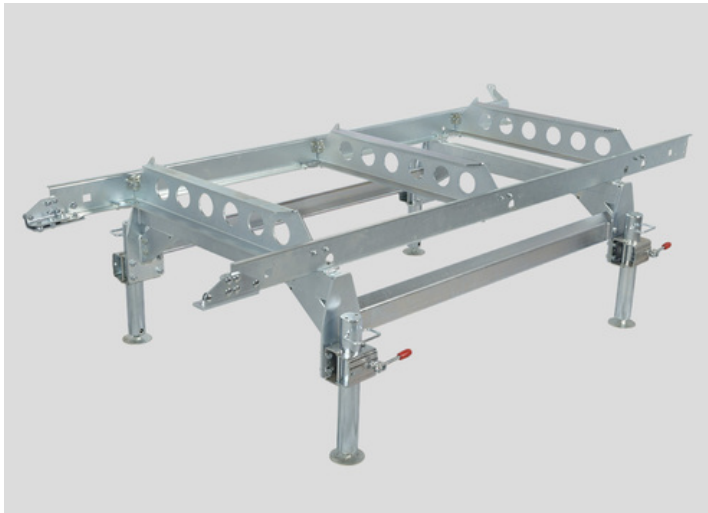
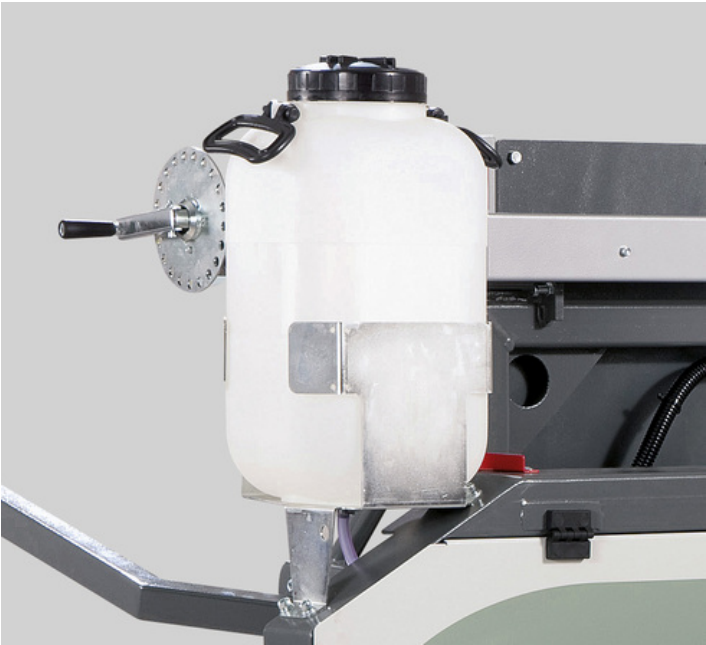
The tensioning wheel system moves within a solid cast iron guiding, which ensures long-term service life and setting accuracy even in long-term machine operation.

CTR series present the latest trends in construction of log saw bands with a special emphasis on maximum accuracy and long-term service life of the machine while ensuring minimum costs.

The machines are designed in an original modular execution which allows easy replacement or adjustment of all main technical sections and their individual parts. This in the long-term perspective reduces the maintenance costs and service times and therefore production stoppages as well.

## PHOTOGALLERY





## ACCESSORIES

### ACCESSORIES – SPECIAL ACCESSORIES



**Extending section  
2,25 m Mobile**

#### **Extending section 2,25 m**

Cutting length of extending section is 2,25 m. There is a possibility to prolong the cutting length by connecting the next extending section. Each section is equipped with four robust, adjustable supporting legs.



**038\_Nakládací\_rampa-mobil**

#### **Loading platform**

Allows loading of logs on the trailer.



**040\_Naviják-mobil**

#### **Winch**

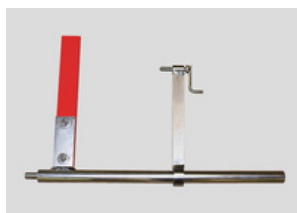
Allows loading of logs on the trailer.



**Lever for log loading**

#### **Lever for log loading**

Serves as help with manipulation with logs on machine frame.



**Material clamp with  
variable square**

#### **Material clamp with variable square**



**Additional clamp  
arm**

#### **Additional clamp arm**



**Excentrický upínač**

#### **Eccentric clamp arm**

For fast and easy log clamping.



**Hand Operated  
Grease Gun**

#### **Hand operated grease gun**

For regular maintenance of the machine according to the lubrication plan. Metal grease gun for 400g cartridges. Equipped with a flexible pressure tube.

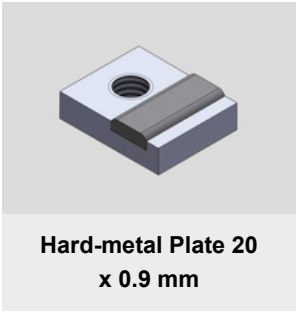


**Grease LV 2-3**

#### **Grease LV 2-3**

400g cartridge for the grease gun.

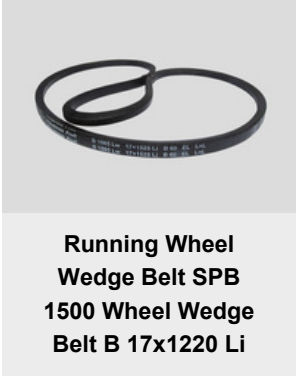
### ACCESSORIES – CONSUMABLE PARTS



Hard-metal plate 20 x 0.9 mm



Hard-metal plate 12 x 4 mm



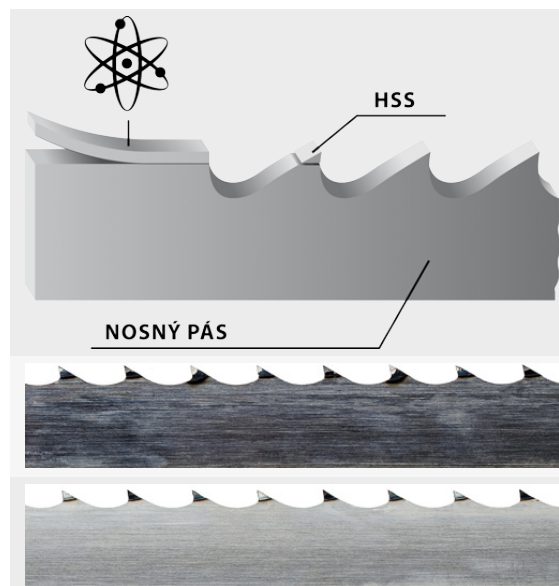
Running wheel wedge belt SPB 1500  
Wheel wedge belt 17x1220 Li

Running Wheel  
Wedge Belt SPB  
1500 Wheel Wedge  
Belt B 17x1220 Li





- The original saw 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 saw blades for low-volume cutting, but includes also saw blades for fully professional cutting and utmost performance.
- The foundation of all saw blades are top-quality German materials and precise workmanship. The quality of the saw blades is carefully monitored. All saw blades correspond to the strict ISO 9001 norm.
- We have added to our portfolio also an original Munkfors saw blade made by the world's leading manufacturer Uddeholm from Sweden.
- Pilous saw blades are used in dozens of countries around the world. Any wood you cut, the company Pilous will recommend you a saw blade that will fit your needs.



### BiMetal

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

### HSS

Bearing blade

### Stellite

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

### Carbon spring steel

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



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







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## CTR 550 GX MOBIL



Max. (mm)		
550	400	365 x 365

3110 x 27-35 x 0,9 mm

Max. log diameter	550 mm
Max. opening between blade guides	500 mm
Max. elevation of blade	465 mm
Min. log height	20 mm
Max. depth of cut	200 mm
Total sawing length	4,35 m
Min. log length	0,9 m
Saw blade motor	8,7 kW
Sawblade	3340 x 27÷35 x 0,9 mm
Trailer weight	385 kg
Total weight of the machine including the trailer	587 kg
Total length of the machine including the trailer	

## DESCRIPTION

**Feed into the cut and back – hand-operated**  
**Arm height adjustment – manual**  
**Control panel – on a mobile bridge**  
**Log handling – manual**  
**Total sawing 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 GX mobil with a trailer is 587 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 path for log rolling (accessory). The trailer is homologated, including travel sections, material clamps and tilting plates. When applying for a new MOT test certificate, it is necessary to remove the travel bridge with the saw band arm.

Easy disassembly and reassembly. The trailer is single-axle and non-braked. The delivery also includes a waterproof tarpaulin, protecting the bridge with the saw band 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.

In contrast to the standard version the band saw is equipped with a professional Honda 8.7 kW (11 HP) petrol engine. Sufficient engine power allows trouble-free processing of logs of large diameters in all applications without the possibility of using an electric motor. Overall low weight allows easier transport of the machine. Due to higher weight and vibrations of petrol engine the construction of travelling bridge and saw band arm is completely reinforced. The smallest machine in the offer. It is designed primarily for cutting smaller volumes of lumber. Ideal solution for family farms, joiners' workshops or small sawmills. Very simple hand feed into the cut and back. The control panel is placed on a mobile bridge of the saw band arm. Thanks to that the operator has closer access to the workpiece when cutting. Height is adjusted using a hand crank with adjustable scale.

**First machine of its type in the world that uses bimetallic saw band which is by default used in metal band saws.**  
**That brings the following benefits:**

- very simple operation
- single saw band cuts all types of wood without tooth adjustment (sharpening, tooth setting)
- elimination of tedious, technically challenging sharpening and setting of teeth
- you can immediately start cutting wood in professional quality without any necessary experience
- bimetallic saw band easily cuts metal materials in the log such as nails, shrapnel or bullets
- professional three-side hardmetal saw band guidance in guiding heads and robust support of all rotary parts ensure high cutting accuracy and long service life of the saw band
- maximum accuracy, like in professional machines
- no need to purchase tooth sharpener and tooth setting machine
- easy accessibility and low cost of bimetallic saw bands

You may also use a special 35 x 0.9 mm bimetallic saw band instead of the 27 x 0.9 mm bimetallic saw band. Similarly to the metal-cutting bimetallic saw band it doesn't require any sharpening or tooth setting. You can also fit your machine with standard saw-cutting bands (35 x 0.9 mm) identical to those used in higher professional models CTR 710, 800 and 950. Larger teeth in these saw bands allow for increase of productivity when cutting large diameter logs. However, in the above mentioned saw bands it is necessary to sharpen and set the teeth regularly.

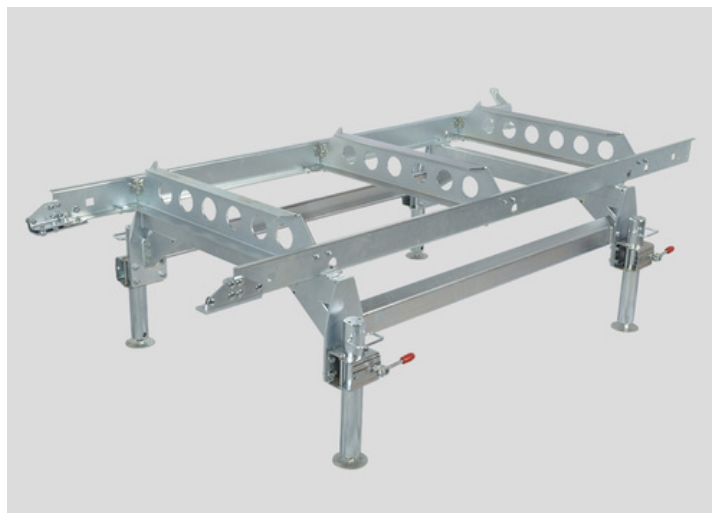
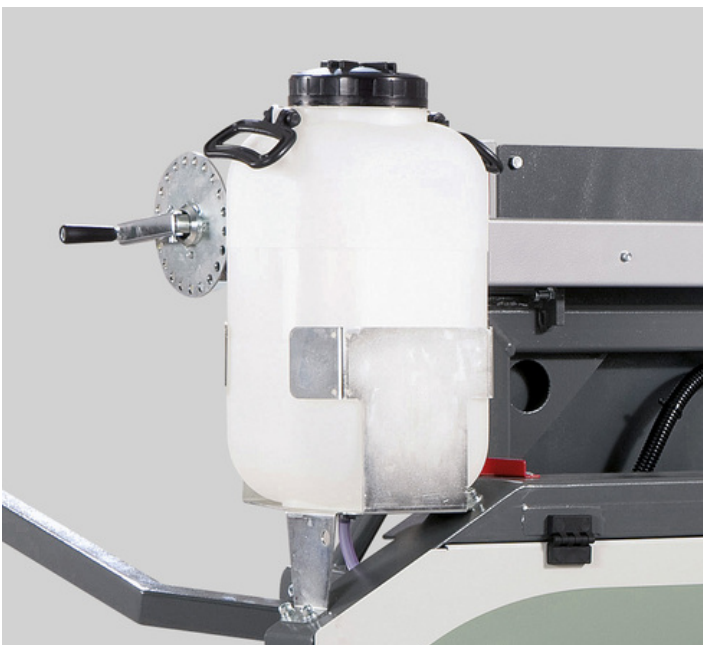
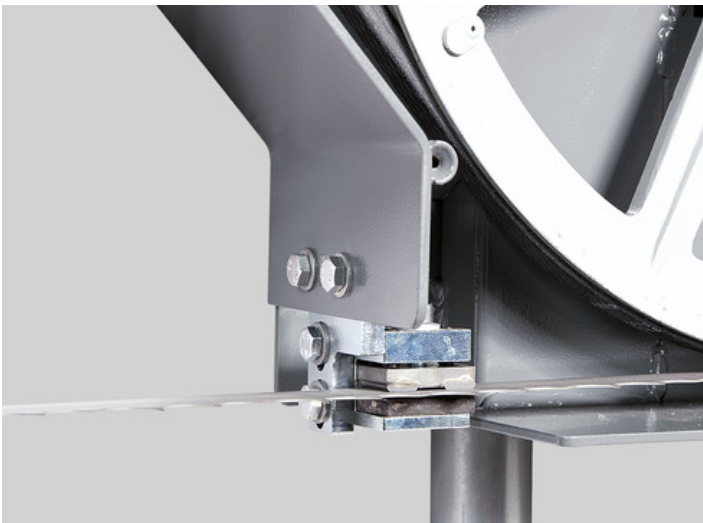
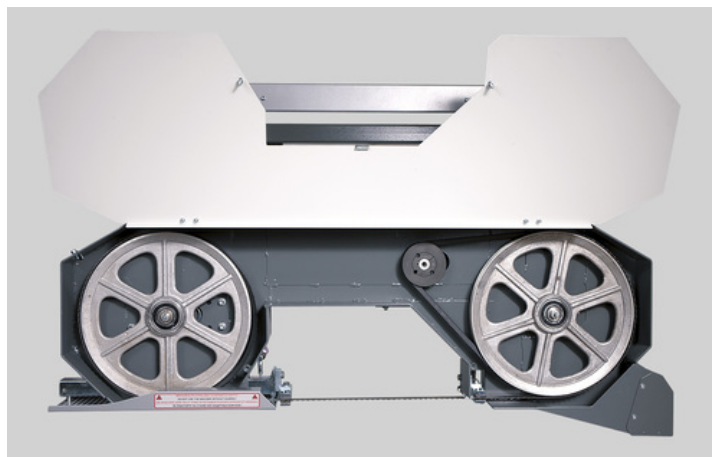
The arm is fitted with aluminium running wheels with accurate balancing against vibrations. The wheel has a groove along its circumference. The groove holds a replaceable rubber-textile belt which creates an optimum contact area between the wheel and the saw band.

The sturdily mounted running wheel is powered through a wedge 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 band when the cut had finished.

CTR series present the latest trends in construction of log saw bands with a special emphasis on maximum accuracy and long-term service life of the machine while ensuring minimum costs.

The machines are designed in an original modular execution which allows easy replacement or adjustment of all main technical sections and their individual parts. This in the long-term perspective reduces the maintenance costs and service times and therefore production stoppages as well.

## PHOTOGALLERY



## ACCESSORIES

### ACCESSORIES – SPECIAL ACCESSORIES



**Extending section  
2,25 m Mobile**

#### **Extending section 2,25 m**

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**038\_Nakládací\_rampa-mobil**

#### **Loading platform**

Allows loading of logs on the trailer.



**040\_Naviják-mobil**

#### **Winch**

Allows loading of logs on the trailer.



**Lever for log loading**

#### **Lever for log loading**

Serves as help with manipulation with logs on machine frame.



**Material clamp with  
variable square**

#### **Material clamp with variable square**



**Additional clamp  
arm**

#### **Additional clamp arm**



**Excentrický upínač**

#### **Eccentric clamp arm**

For fast and easy log clamping.



**Hand Operated  
Grease Gun**

#### **Hand operated grease gun**

For regular maintenance of the machine according to the lubrication plan. Metal grease gun for 400g cartridges. Equipped with a flexible pressure tube.



**Grease LV 2-3**

#### **Grease LV 2-3**

400g cartridge for the grease gun.

### ACCESSORIES – CONSUMABLE PARTS



Hard-metal plate 20 x 0.9 mm



Hard-metal plate 12 x 4 mm

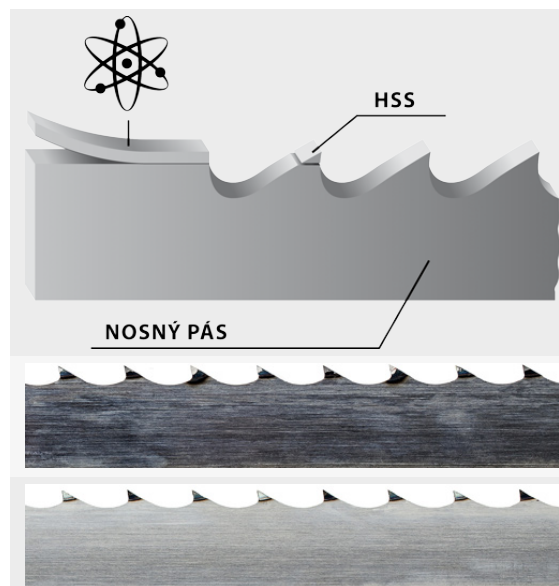


Running wheel wedge belt  
17x1420 Li  
Wheel wedge belt 17x1220 Li

Running Wheel  
Wedge Belt SPB  
17x1420 Li Wheel  
Wedge Belt 17x1220  
Li



- The original saw 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 saw blades for low-volume cutting, but includes also saw blades for fully professional cutting and utmost performance.
- The foundation of all saw blades are top-quality German materials and precise workmanship. The quality of the saw blades is carefully monitored. All saw blades correspond to the strict ISO 9001 norm.
- We have added to our portfolio also an original Munkfors saw blade made by the world's leading manufacturer Uddeholm from Sweden.
- Pilous saw blades are used in dozens of countries around the world. Any wood you cut, the company Pilous will recommend you a saw blade that will fit your needs.



### BiMetal

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

### HSS

Bearing blade

### Stellite

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

### Carbon spring steel

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



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







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## CTR 550 MOBIL



Max. (mm)		
550	400	365 x 365

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
Min. log length	0,9 m
Saw blade motor	4 kW
Sawblade	3110 x 27÷35 x 0,9 mm
Trailer weight	385 kg
Total weight of the machine including the trailer	550 kg
Total length of the machine including the trailer	

Nominal current of circuit breaker is minimally 16 Ampere

## DESCRIPTION

**Feed into the cut and back – hand-operated**

**Arm height adjustment – manual**

**Control panel – on a mobile bridge**

**Log handling – manual**

**Total sawing 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 mobil with a trailer is 550 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 path for log rolling (accessory). The trailer is homologated, including travel sections, material clamps and tilting plates. When applying for a new MOT test certificate, it is necessary to remove the travel bridge with the saw band arm.

Easy disassembly and reassembly. The trailer is single-axle and non-braked. The delivery also includes a waterproof tarpaulin, protecting the bridge with the saw band 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, joiners' workshops or small sawmills. Very simple hand feed into the cut and back. The control panel is placed on a mobile bridge of the saw band arm. Thanks to that the operator has closer access to the workpiece when cutting. Height is adjusted using a hand crank with adjustable scale.

**First machine of its type in the world that uses bimetallic saw band which is by default used in metal band saws.**

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- no need to purchase tooth sharpener and tooth setting machine
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Total power input of the machine of 4 kW guarantees low operating costs and easy connection to mains. You may also use a special 35 x 0.9 mm bimetallic saw band instead of the 27 x 0.9 mm bimetallic saw band. Similarly to the metal-cutting bimetallic saw band it doesn't require any sharpening or tooth setting. You can also fit your machine with standard saw-cutting bands (35 x 0.9 mm) identical to those used in higher professional models CTR 710, 800 and 950. Larger teeth in these saw bands allow for increase of productivity when cutting large diameter logs. However, in the above mentioned saw bands it is necessary to sharpen and set the teeth regularly.

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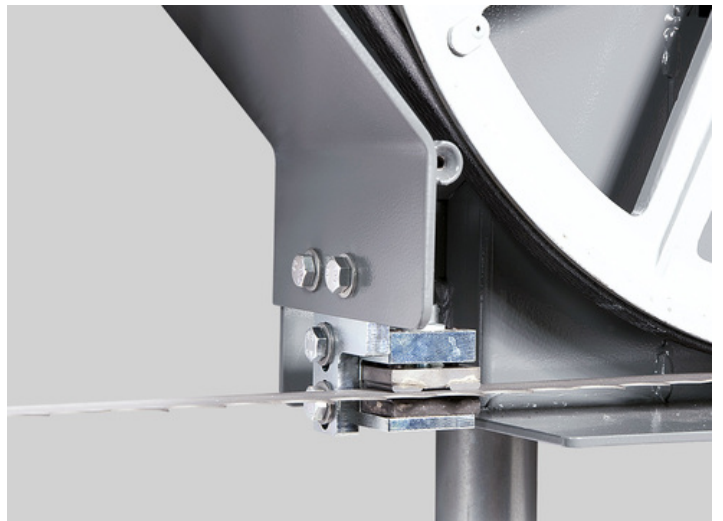
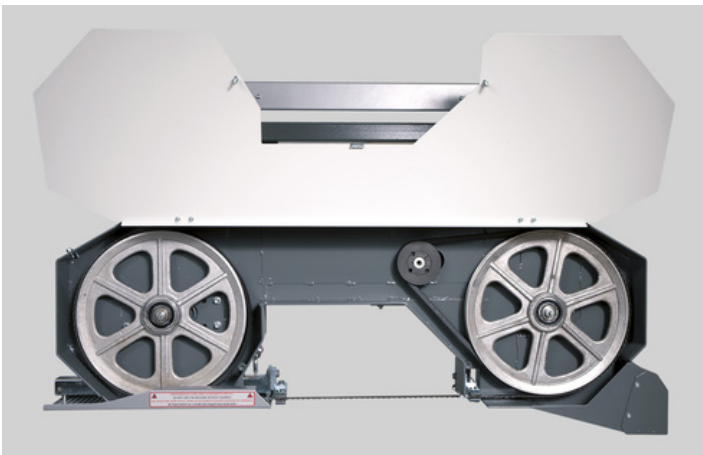
The sturdily mounted running wheel is powered through a wedge belt by a professional electrical motor specially balanced against vibrations.

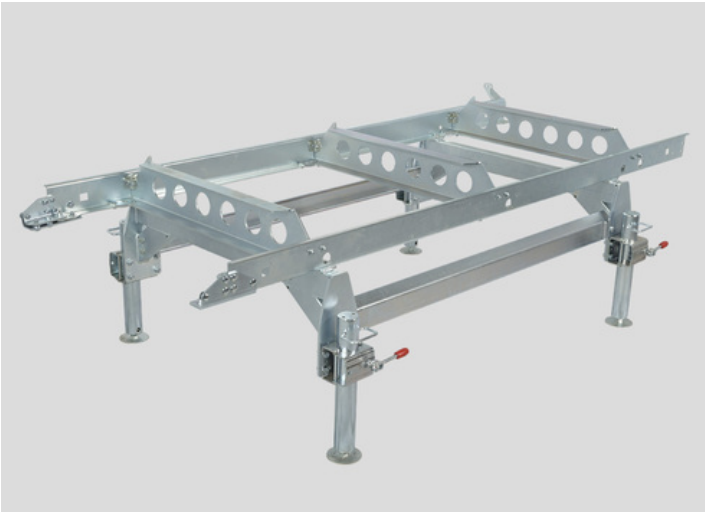
The tensioning wheel system moves within a solid cast iron guiding, which ensures long-term service life and setting accuracy even in long-term machine operation.

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## PHOTOGALLERY





## ACCESSORIES

### ACCESSORIES – SPECIAL ACCESSORIES



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**038\_Nakládací\_rampa-mobil**

#### **Loading platform**

Allows loading of logs on the trailer.



**040\_Naviják-mobil**

#### **Winch**

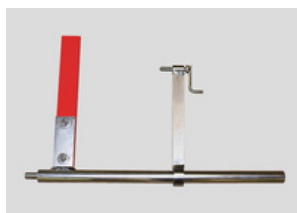
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**Lever for log loading**

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**Material clamp with  
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#### **Material clamp with variable square**



**Additional clamp  
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#### **Additional clamp arm**



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Grease Gun**

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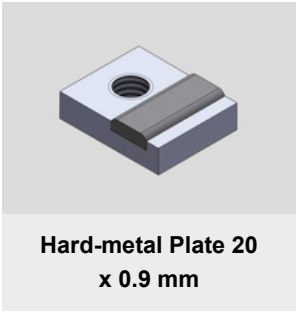


**Grease LV 2-3**

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400g cartridge for the grease gun.

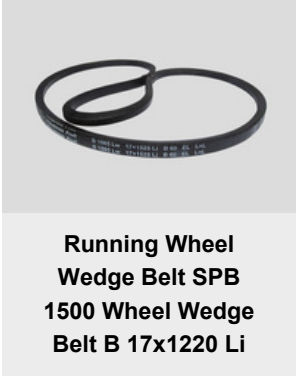
### ACCESSORIES – CONSUMABLE PARTS



Hard-metal plate 20 x 0.9 mm



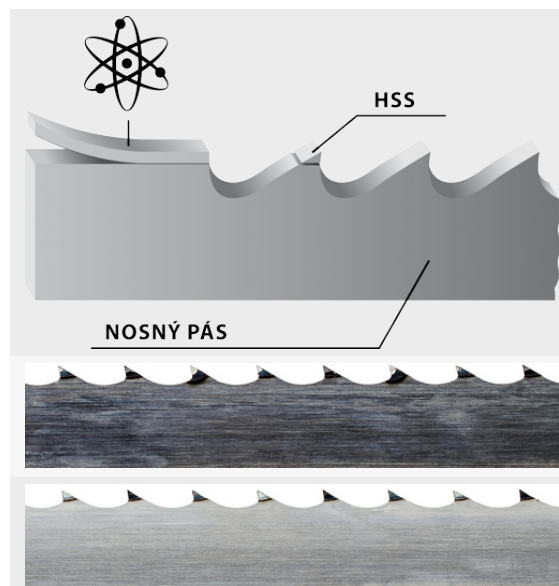
Hard-metal plate 12 x 4 mm



Running wheel wedge belt SPB 1500  
Wheel wedge belt 17x1220 Li



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## CTR 750 E MOBIL



4140 x 34-35 x 0,9-1,0 mm

Max. log diameter	750 mm
Max. opening between blade guides	640 mm
Max. elevation of blade	660 mm
Min. log height	25 mm
Max. depth of cut	255 mm
Total sawing length	4,2 m
Min. log length	0,75 m
Saw blade motor	5,5 kW
Horizontal feed motor	0,18 kW
Max. feed speed (forw/back)	15 m/min.
Sawblade	4140 x 34 x 1,1 mm
Trailer weight	396 kg
Total weight of the machine including the trailer	686 kg
Total length of the machine including the trailer	

## DESCRIPTION

**Feed into the cut and back – motor-powered**

**Arm height adjustment – manual**

**Control panel – on a mobile bridge**

**Log handling – manual**

**Total sawing length: 4,2 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 750 E mobil with a trailer is 686 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 path for log rolling (accessory). The trailer is homologated, including travel sections, material clamps and tilting plates. When applying for a new MOT test certificate, it is necessary to remove the travel bridge with the saw band arm.

Easy disassembly and reassembly. The trailer is single-axle and non-braked. The delivery also includes a waterproof tarpaulin, protecting the bridge with the saw band 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 bigger and stronger version of the popular CTR 550 allows for processing of logs up to 75 cm in diameter. It also uses a bimetallic metal-cutting saw bands, but it is one size bigger. While the size of the bimetallic saw band in CTR 550 is 27 x 0.9 mm, the size of the band in CTR 750 is 34 x 1.1 mm which, combined with a powerful 5.5 kW engine can deal with logs of large diameters.

Unlike CTR 750, 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 converter. 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 saw band arm. Thanks to that the operator has closer access to the workpiece when cutting. Height is adjusted using a hand crank with adjustable scale.

### **Use of a bimetallic saw band which is normally used in metal band saws brings following advantages:**

- very simple operation
- single saw band cuts all types of wood without tooth adjustment (sharpening, tooth setting)
- elimination of tedious, technically challenging sharpening and setting of teeth
- you can immediately start cutting wood in professional quality without any necessary experience
- bimetallic saw band easily cuts metal materials in the log such as nails, shrapnel or bullets
- professional three-side hardmetal saw band guidance in guiding heads and robust support of all rotary parts ensure high cutting accuracy and long service life of the saw band
- maximum accuracy, like in professional machines
- no need to purchase tooth sharpener and tooth setting machine
- easy accessibility and low cost of bimetallic saw bands

Powerful 5.5 kW engine ensures full power during fully professional cutting, cutting of high-quality round timber or when cutting very hard materials. Instead of bimetallic metal-cutting band sized 34 x 1.1 mm you can use a special bimetallic wood-cutting band sized 35 x 0.9 mm which (same as the bimetallic metal-cutting band) does not require sharpening and setting of teeth. You can also fit your machine with standard saw-cutting bands (35 x 0.9 mm) identical to those used in higher professional models CTR 710, 800 and 950. Larger teeth in these saw bands allow for increase of productivity when cutting large diameter logs. However, in the above mentioned saw bands it is necessary to sharpen and set the teeth regularly.

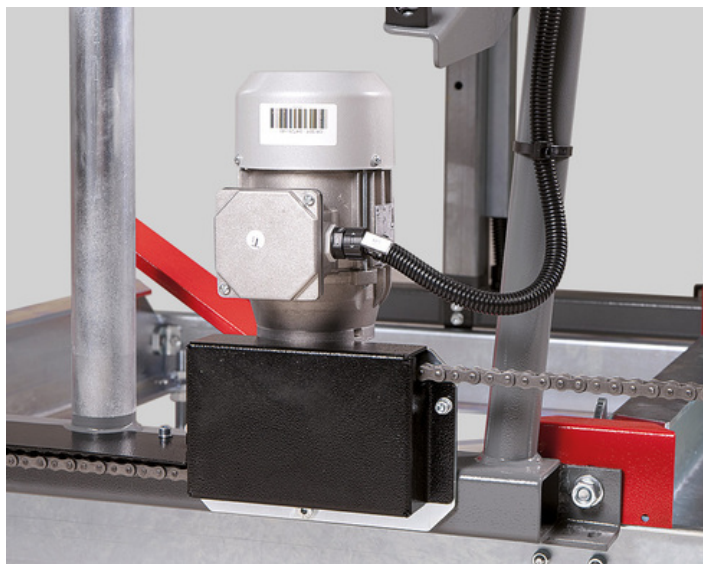
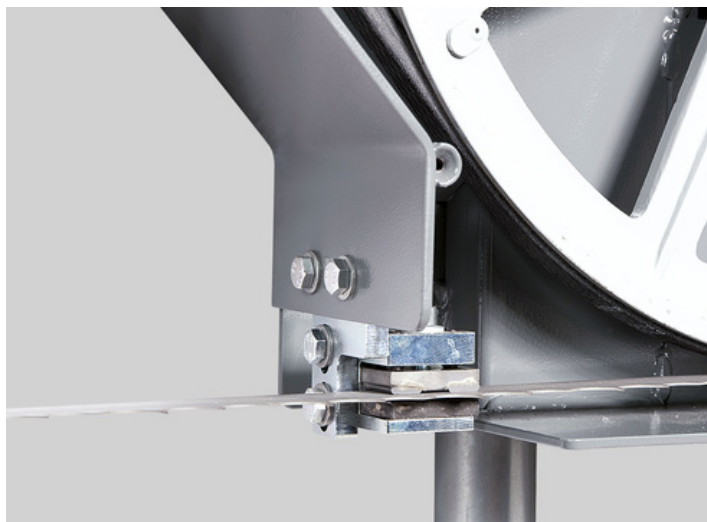
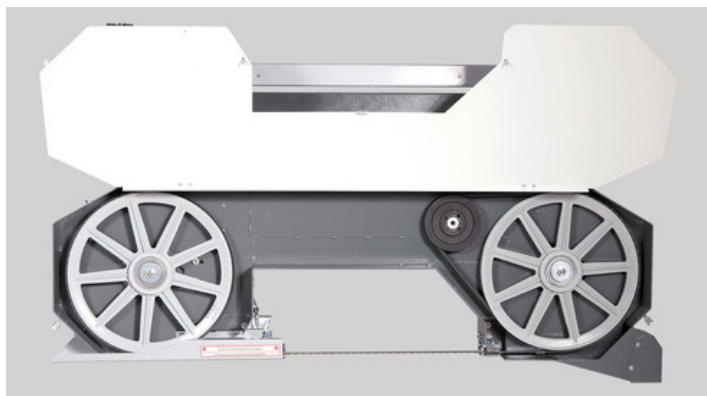
The arm is fitted with large aluminium running wheels with accurate balancing against vibrations. The wheel has a groove along its circumference. The groove holds a replaceable rubber-textile belt which creates an optimum contact area between the wheel and the saw band.

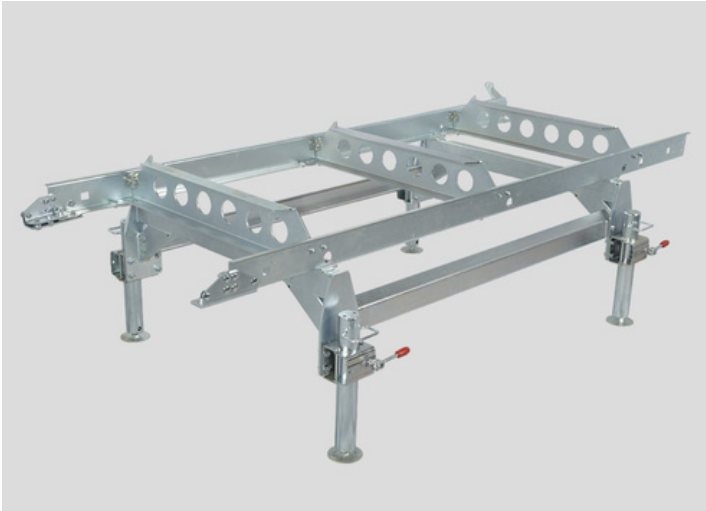
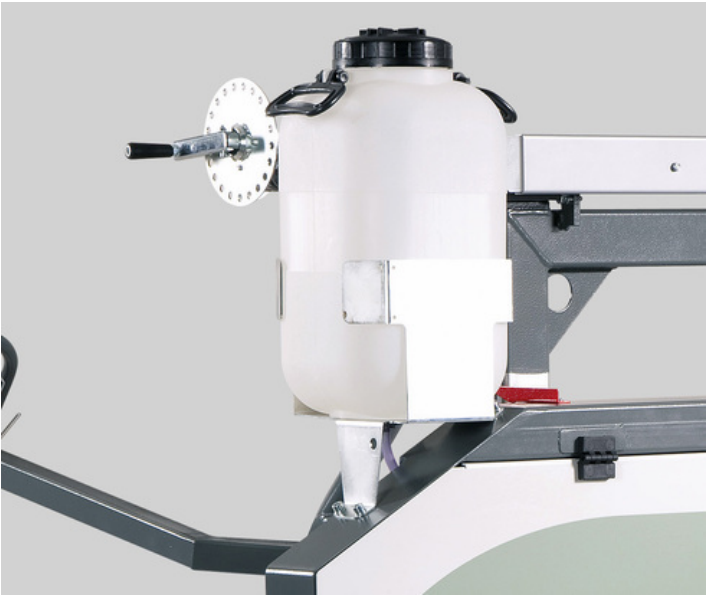
The sturdily mounted running wheel is powered through a wedge belt by a professional electrical motor specially balanced against vibrations.

The tensioning wheel system moves within a solid cast iron guiding, which ensures long-term service life and setting accuracy even in long-term machine operation.

CTR series present the latest trends in construction of log saw bands with a special emphasis on maximum accuracy and long-term service life of the machine while ensuring minimum costs. The machines are designed in an original modular execution which allows easy replacement or adjustment of all main technical sections and their individual parts. This in the long-term perspective reduces the maintenance costs and service times and therefore production stoppages as well.

## PHOTOGALLERY





## ACCESSORIES

### ACCESSORIES – SPECIAL ACCESSORIES



**Extending section  
2,25 m Mobile**

#### **Extending section 2,25 m**

Cutting length of extending section is 2,25 m. There is a possibility to prolong the cutting length by connecting the next extending section. Each section is equipped with four robust, adjustable supporting legs.



**038\_Nakládací\_rampa-mobil**

#### **Loading platform**

Allows loading of logs on the trailer.



**040\_Naviják-mobil**

#### **Winch**

Allows loading of logs on the trailer.



**Lever for log loading**

#### **Lever for log loading**

Serves as help with manipulation with logs on machine frame.



**Material clamp with  
variable square**

#### **Material clamp with variable square**



**Additional clamp  
arm**

#### **Additional clamp arm**



**Excentrický upínač**

#### **Eccentric clamp arm**

For fast and easy log clamping.



**Hand Operated  
Grease Gun**

#### **Hand operated grease gun**

For regular maintenance of the machine according to the lubrication plan. Metal grease gun for 400g cartridges. Equipped with a flexible pressure tube.



**Grease LV 2-3**

#### **Grease LV 2-3**

400g cartridge for the grease gun.

### ACCESSORIES – CONSUMABLE PARTS



**Hard-metal plate 2 x 25 x 0,9 mm**

**Hard-metal Plate 2 x  
25 x 0,9 mm**



**Hard-metal plate 12 x 4 mm**

**Hard-metal Plate 12  
x 4 mm**



**Running wheel wedge belt SPB  
1850**

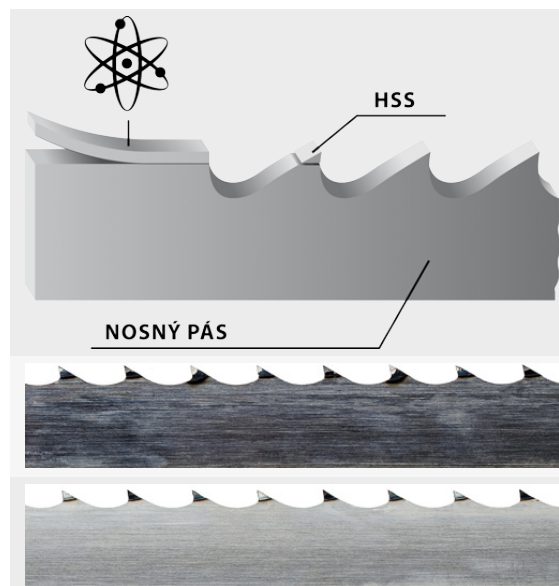
**Wheel wedge belt B 17x1560 Lw**

**Running Wheel  
Wedge Belt SPB  
1850 Wheel Wedge  
Belt 17x1560 Lw**





- The original saw 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 saw blades for low-volume cutting, but includes also saw blades for fully professional cutting and utmost performance.
- The foundation of all saw blades are top-quality German materials and precise workmanship. The quality of the saw blades is carefully monitored. All saw blades correspond to the strict ISO 9001 norm.
- We have added to our portfolio also an original Munkfors saw blade made by the world's leading manufacturer Uddeholm from Sweden.
- Pilous saw blades are used in dozens of countries around the world. Any wood you cut, the company Pilous will recommend you a saw blade that will fit your needs.



### BiMetal

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

### HSS

Bearing blade

### Stellite

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

### Carbon spring steel

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



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





**Pilous**

Železná 9, 619 00 Brno, Czech Republic

Tel.: +420 543 25 20 10

e-mail: [wood@pilous.cz](mailto:wood@pilous.cz), [www.pilous.cz](http://www.pilous.cz)

## CTR 750 EV MOBIL



4140 x 34-35 x 0,9-1,0 mm

Max. log diameter	750 mm
Max. opening between blade guides	640 mm
Max. elevation of blade	660 mm
Min. log height	25 mm
Max. depth of cut	255 mm
Total sawing length	4,2 m
Min. log length	0,75 m
Saw blade motor	5,5 kW
Horizontal/vertical feed motor	0,18/0,37 kW
Max. feed speed (forw/back)	15 m/min.
Sawblade	4140 x 34 x 1,1 mm
Trailer weight	396 kg
Total weight of the machine including the trailer	689 kg
Total length of the machine including the trailer	

## DESCRIPTION

**Feed into the cut and back – motor-powered**  
**Arm height adjustment – motor-powered**  
**Control panel – on a mobile bridge**  
**Log handling – manual**  
**Total sawing length - 4,2 m**

The bigger and stronger version of the popular CTR 550 allows for processing of logs up to 75 cm in diameter. It also uses a bimetallic metal-cutting saw bands, but it is one size bigger. While the size of the bimetallic saw band in CTR 550 is 27 x 0.9 mm, the size of the band in CTR 750 is 34 x 1.1 mm, which, combined with a powerful 5.5 kW engine, can deal with logs of large diameters.

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

The total weight of CTR 750 EV mobil with a trailer is 689 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 path for log rolling (accessory). The trailer is homologated, including travel sections, material clamps and tilting plates. When applying for a new MOT test certificate, it is necessary to remove the travel bridge with the saw band arm.

Easy disassembly and reassembly. The trailer is single-axle and non-braked. The delivery also includes a waterproof tarpaulin, protecting the bridge with the saw band 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 bigger and stronger version of the popular CTR 550 allows for processing of logs up to 75 cm in diameter. It also uses a bimetallic metal-cutting saw bands, but it is one size bigger. While the size of the bimetallic saw band in CTR 550 is 27 x 0.9 mm, the size of the band in CTR 750 is 34 x 1.1 mm, which, combined with a powerful 5.5 kW engine, can deal with logs of large diameters.

Compared to CTR 750 E with mechanical feed into cut and back this model is equipped with a motor-powered saw band arm height setting in order to achieve the highest possible productivity. Automatic feed into the desired cut thickness occurs after you set it up on a colour touchscreen.

Saw band arm height adjustment is facilitated by a chain gear powered by a worm-gear fitted, frequency converter-controlled electric motor. You can simply set up the desired cut thickness along with optional setting of a required material kerf coefficient on the touchscreen. Frequency converter-controlled arm movement with a slow-down at the end positions ensures accurate feed into required values.

The feed into the cut and back is driven by an electric motor with a worm gearbox controlled by a frequency converter. 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. This greatly increases operator's comfort, prevents human factor related errors during manual settings and increases the overall productivity.

The control panel is placed on a mobile bridge of the saw band arm. Thanks to that the operator has closer access to the workpiece when cutting.

### **The touchscreen with a PLC control unit allows selection and displays following functions:**

- display the current position of the saw band from the bottom, default position.
- set up the desired cut thickness
- set up the saw band kerf
- automatic feed into desired position
- if you input the cut thickness and kerf the display shows number of work-pieces that can be cut off from the material
- during horizontal movement, i.e. cutting and backward motion, the display shows the current speed in m/min.

### **Use of a bimetallic saw band which is normally used in metal band saws brings following advantages:**

- very simple operation
- single saw band cuts all types of wood without tooth adjustment (sharpening, tooth setting)
- elimination of tedious, technically challenging sharpening and setting of teeth
- you can immediately start cutting wood in professional quality without any necessary experience
- bimetallic saw band easily cuts metal materials in the log such as nails, shrapnel or bullets...
- professional three-side hardmetal saw band guidance in guiding heads and robust support of all rotary parts ensure high cutting accuracy and long service life of the saw band
- maximum accuracy, like in professional machines
- no need to purchase tooth sharpener and tooth setting machine
- easy accessibility and low cost of bimetallic saw bands

A powerful 5.5 kW engine ensures full power both during fully professional cutting and when cutting high-quality round timber or when cutting very hard materials. Instead of bimetallic metal-cutting band sized 34 x 1.1 mm you can use

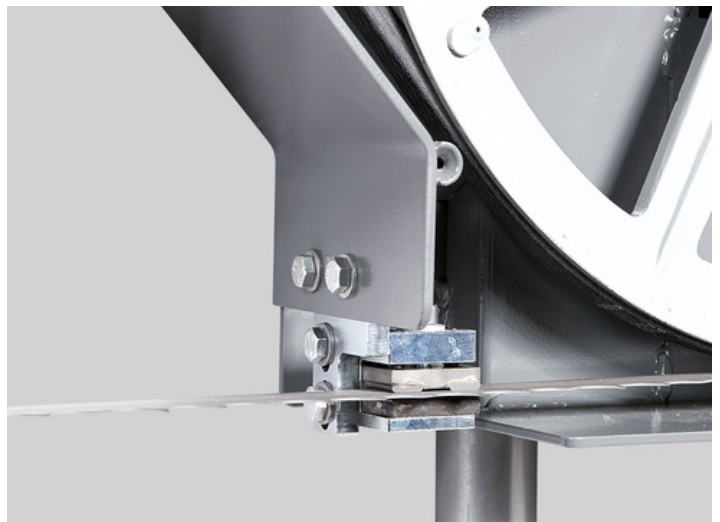
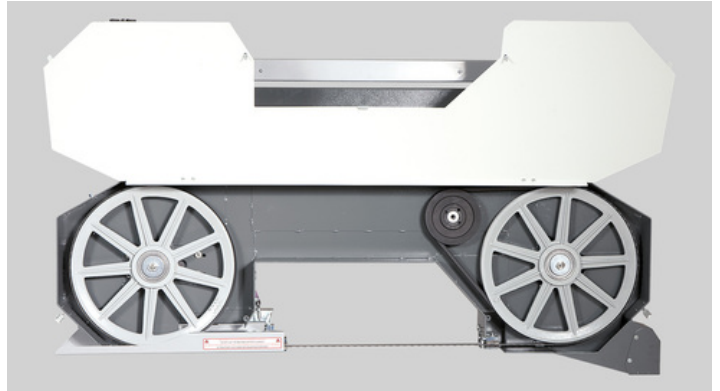
a special bimetallic wood-cutting band sized 35 x 0.9 mm which (same as the bimetallic metal-cutting band) does not require sharpening and setting of teeth. You can also fit your machine with standard saw-cutting bands (35 x 0.9 mm) identical to those used in higher professional models CTR 710, 800, 950 and 1000. Larger teeth in these saw bands allow for increase of productivity when cutting large diameter logs. However, in the above mentioned saw bands it is necessary to sharpen and set the teeth regularly.

The arm is fitted with large aluminium running wheels with accurate balancing against vibrations. The wheel has a groove along its circumference. The groove holds a replaceable rubber-textile belt that creates an optimum contact area between the wheel and the saw band.

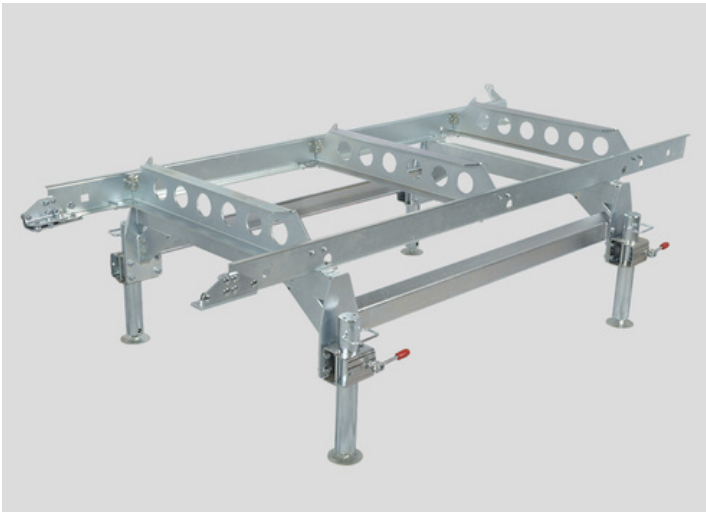
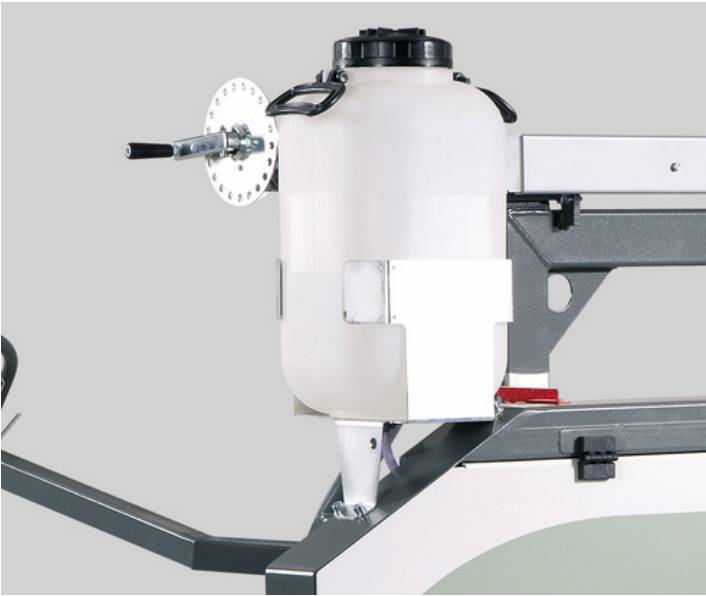
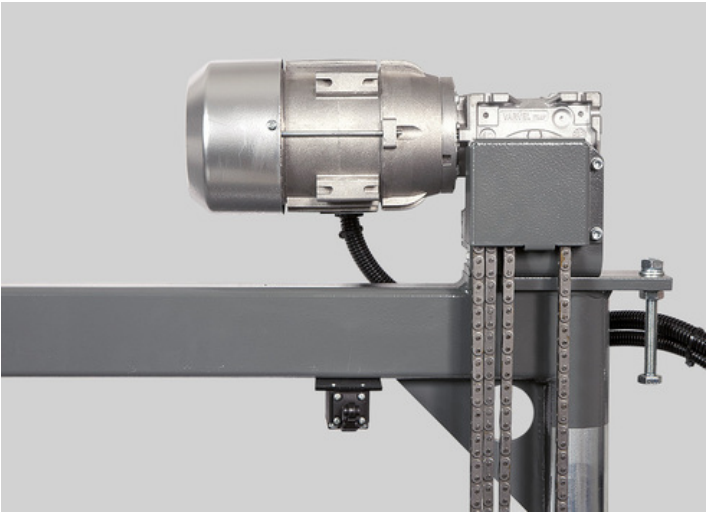
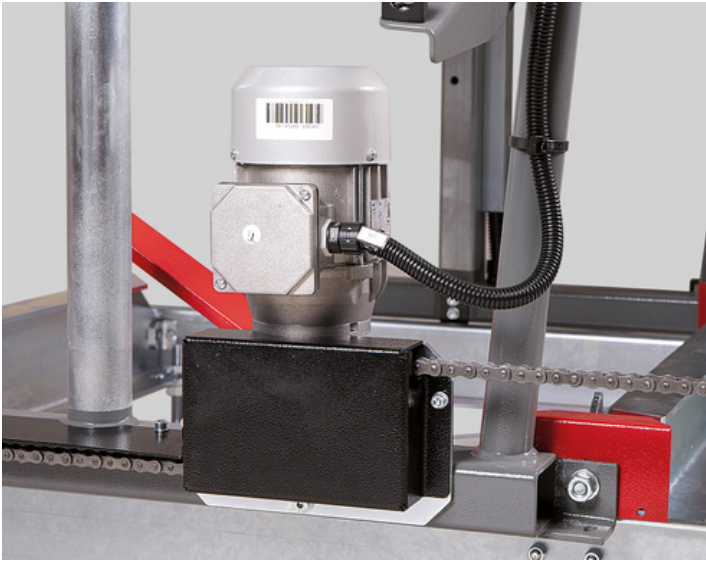
A sturdily mounted running wheel is powered through a wedge belt by a professional electrical motor specially balanced against vibrations. The tensioning wheel system moves within a solid cast iron guiding, which ensures long-term service life and setting accuracy even in long-term machine operation.

CTR series present the latest trends in construction of log saw bands with a special emphasis on maximum accuracy and long-term service life of the machine while ensuring minimum costs. The machines are designed in an original modular execution which allows easy replacement or adjustment of all main technical sections and their individual parts. This in the long-term perspective reduces the maintenance costs and service times and therefore production stoppages as well.

## PHOTOGALLERY







## ACCESSORIES

### ACCESSORIES – SPECIAL ACCESSORIES



**Extending section  
2,25 m Mobile**

#### **Extending section 2,25 m**

Cutting length of extending section is 2,25 m. There is a possibility to prolong the cutting length by connecting the next extending section. Each section is equipped with four robust, adjustable supporting legs.



**038\_Nakládací\_rampa-mobil**

#### **Loading platform**

Allows loading of logs on the trailer.



**040\_Naviják-mobil**

#### **Winch**

Allows loading of logs on the trailer.



**Lever for log loading**

#### **Lever for log loading**

Serves as help with manipulation with logs on machine frame.



**Material clamp with  
variable square**

#### **Material clamp with variable square**



**Additional clamp  
arm**

#### **Additional clamp arm**



**Excentrický upínač**

#### **Eccentric clamp arm**

For fast and easy log clamping.



**Hand Operated  
Grease Gun**

#### **Hand operated grease gun**

For regular maintenance of the machine according to the lubrication plan. Metal grease gun for 400g cartridges. Equipped with a flexible pressure tube.



**Grease LV 2-3**

#### **Grease LV 2-3**

400g cartridge for the grease gun.

### ACCESSORIES – CONSUMABLE PARTS





**Hard-metal Plate 2 x  
25 x 0,9 mm**

**Hard-metal plate 2 x 25 x 0,9 mm**



**Hard-metal Plate 12  
x 4 mm**

**Hard-metal plate 12 x 4 mm**

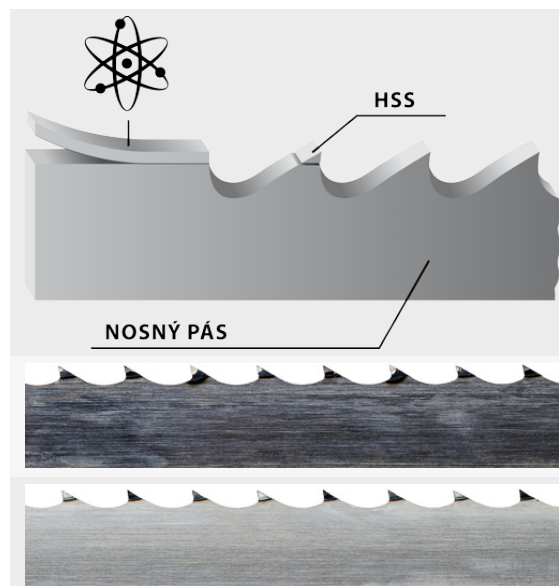


**Running Wheel  
Wedge Belt SPB  
1850 Wheel Wedge  
Belt 17x1560 Lw**

**Running wheel wedge belt SPB  
1850  
Wheel wedge belt B 17x1560 Lw**



- The original saw 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 saw blades for low-volume cutting, but includes also saw blades for fully professional cutting and utmost performance.
- The foundation of all saw blades are top-quality German materials and precise workmanship. The quality of the saw blades is carefully monitored. All saw blades correspond to the strict ISO 9001 norm.
- We have added to our portfolio also an original Munkfors saw blade made by the world's leading manufacturer Uddeholm from Sweden.
- Pilous saw blades are used in dozens of countries around the world. Any wood you cut, the company Pilous will recommend you a saw blade that will fit your needs.



### BiMetal

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

### HSS

Bearing blade

### Stellite

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

### Carbon spring steel

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



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





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## CTR 750 GX MOBIL



4140 x 34-35 x 0,9-1,0 mm

Max. log diameter	750 mm
Max. opening between blade guides	620 mm
Max. elevation of blade	660 mm
Min. log height	25 mm
Max. depth of cut	255 mm
Total sawing length	4,2 m
Min. log length	0,75 m
Saw blade motor	8,7 kW (11 HP)
Sawblade	4140 x 34 x 1,1 mm
Trailer weight	396 kg
Total weight of the machine including the trailer	661 kg
Total length of the machine including the trailer	

## DESCRIPTION

**Feed into the cut and back – hand-operated**

**Arm height adjustment – manual**

**Control panel – on a mobile bridge**

**Log handling – manual**

**Total sawing length: 4,2 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 750 GX mobil with a trailer is 661 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 path for log rolling (accessory). The trailer is homologated, including travel sections, material clamps and tilting plates. When applying for a new MOT test certificate, it is necessary to remove the travel bridge with the saw band arm.

Easy disassembly and reassembly. The trailer is single-axle and non-braked. The delivery also includes a waterproof tarpaulin, protecting the bridge with the saw band 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.

In contrast to the standard version the band saw is equipped with a professional Honda 8.7 kW (11 HP) petrol engine. Sufficient engine power allows trouble-free processing of logs of large diameters in all applications without the possibility of using an electric motor. Overall low weight allows easier transport of the machine. Due to higher weight and vibrations of petrol engine the construction of travelling bridge and saw band arm is completely reinforced. It is designed primarily for cutting smaller volumes of lumber. Ideal solution for family farms, joiners' workshops or small sawmills. Very simple hand feed into the cut and back. The control panel is placed on a mobile bridge of the saw band 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 bigger and stronger version of the popular CTR 550 allows for processing of logs up to 75 cm in diameter. It also uses a bimetallic metal-cutting saw bands, but it is one size bigger. While the size of the bimetallic saw band in CTR 550 is 27 x 0.9 mm, the size of the band in CTR 750 is 34 x 1.1 mm which, combined with a powerful 5.5 kW engine can deal with logs of large diameters. Simple hand feed into the cut and back. Height is adjusted using a hand crank with adjustable scale.

**Use of a bimetallic saw band which is normally used in metal band saws brings following advantages:**

- very simple operation
- single saw band cuts all types of wood without tooth adjustment (sharpening, tooth setting)
- elimination of tedious, technically challenging sharpening and setting of teeth
- you can immediately start cutting wood in professional quality without any necessary experience
- bimetallic saw band easily cuts metal materials in the log such as nails, shrapnel or bullets
- professional three-side hardmetal saw band guidance in guiding heads and robust support of all rotary parts ensure high cutting accuracy and long service life of the saw band
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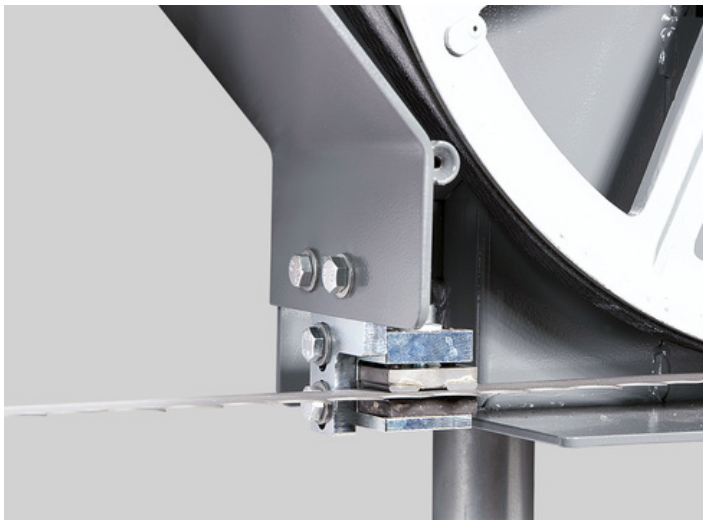
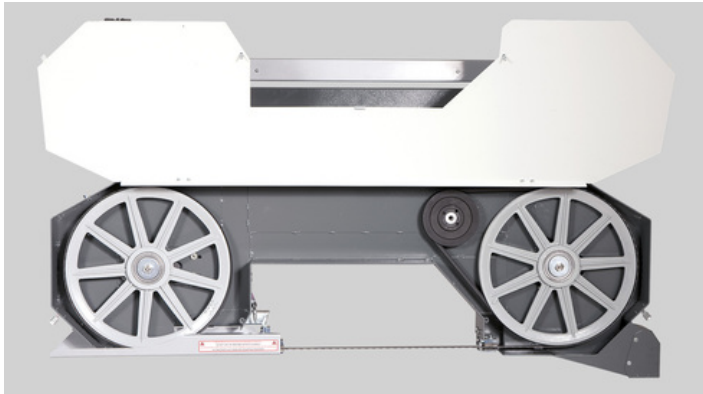
Instead of bimetallic metal-cutting band sized 34 x 1.1 mm you can use a special bime-tallic wood-cutting band sized 35 x 0.9 mm which (same as the bimetallic metal-cutting band) does not require sharpening and setting of teeth. You can also fit your machine with standard saw-cutting bands (35 x 0.9 mm) identical to those used in higher professional models CTR 710, 800 and 950. Larger teeth in these saw bands allow for increase of productivity when cutting large diameter logs. However, in the above mentioned saw bands it is necessary to sharpen and set the teeth regularly.

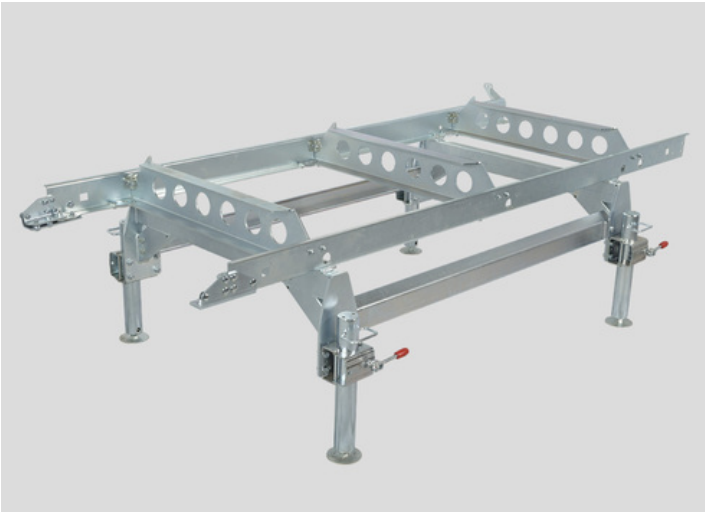
The arm is fitted with large aluminium running wheels with accurate balancing against vibrations. The wheel has a groove along its circumference. The groove holds a replaceable rubber-textile belt which creates an optimum contact area between the wheel and the saw band.

The sturdily mounted running wheel is powered through a wedge belt by a professional electrical motor speciallybalanced against vibrations. The tensioning wheel system moves within a solid cast iron guiding, which ensures long-term service life and setting accuracy even in long-term machine operation.

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## PHOTOGALLERY







## ACCESSORIES

### ACCESSORIES – SPECIAL ACCESSORIES



**Extending section  
2,25 m Mobile**

#### **Extending section 2,25 m**

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**038\_Nakládací\_rampa-mobil**

#### **Loading platform**

Allows loading of logs on the trailer.



**040\_Naviják-mobil**

#### **Winch**

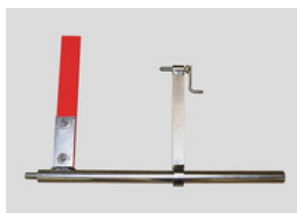
Allows loading of logs on the trailer.



**Lever for log loading**

#### **Lever for log loading**

Serves as help with manipulation with logs on machine frame.



**Material clamp with  
variable square**

#### **Material clamp with variable square**



**Additional clamp  
arm**

#### **Additional clamp arm**



**Excentrický upínač**

#### **Eccentric clamp arm**

For fast and easy log clamping.



**Hand Operated  
Grease Gun**

#### **Hand operated grease gun**

For regular maintenance of the machine according to the lubrication plan. Metal grease gun for 400g cartridges. Equipped with a flexible pressure tube.



**Grease LV 2-3**

#### **Grease LV 2-3**

400g cartridge for the grease gun.

### ACCESSORIES – CONSUMABLE PARTS



**Hard-metal plate 2 x 25 x 0,9 mm**

**Hard-metal Plate 2 x  
25 x 0,9 mm**



**Hard-metal plate 12 x 4 mm**

**Hard-metal Plate 12  
x 4 mm**



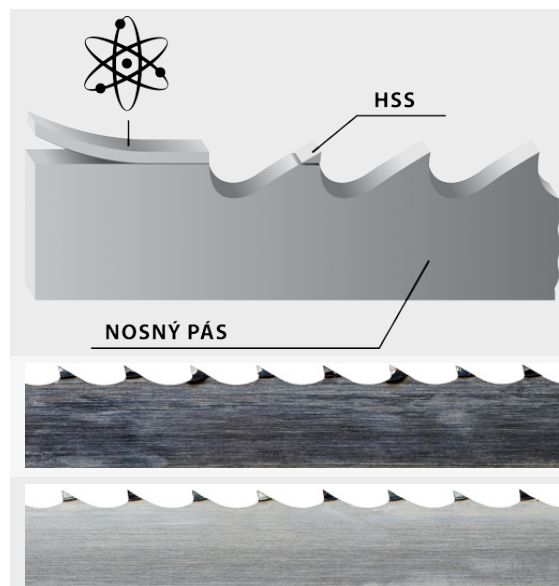
**Running wheel wedge belt SPB  
1850**

**Wheel wedge belt B 17x1560 Lw**

**Running Wheel  
Wedge Belt SPB  
1850 Wheel Wedge  
Belt 17x1560 Lw**



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Bearing blade

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### Carbon spring steel

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





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## CTR 750 MOBIL



4140 x 34-35 x 0,9-1,0 mm

Max. log diameter	750 mm
Max. opening between blade guides	640 mm
Max. elevation of blade	660 mm
Min. log height	25 mm
Max. depth of cut	255 mm
Total sawing length	4,2 m
Min. log length	0,75 m
Saw blade motor	5,5 kW
Sawblade	4140 x 34 x 1,1 mm
Trailer weight	396 kg
Total weight of the machine including the trailer	651 kg
Total length of the machine including the trailer	

DESCRIPTION

**Feed into the cut and back – hand-operated**

**Arm height adjustment – manual**

**Control panel – on a mobile bridge**

**Log handling – manual**

**Total sawing length: 4,2 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 750 mobil with a trailer is 651 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 path for log rolling (accessory). The trailer is homologated, including travel sections, material clamps and tilting plates. When applying for a new MOT test certificate, it is necessary to remove the travel bridge with the saw band arm.

Easy disassembly and reassembly. The trailer is single-axle and non-braked. The delivery also includes a waterproof tarpaulin, protecting the bridge with the saw band 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 bigger and stronger version of the popular CTR 550 allows for processing of logs up to 75 cm in diameter. It also uses a bimetallic metal-cutting saw bands, but it is one size bigger. While the size of the bimetallic saw band in CTR 550 is 27 x 0.9 mm, the size of the band in CTR 750 is 34 x 1.1 mm which, combined with a powerful 5.5 kW engine can deal with logs of large diameters. Simple hand feed into the cut and back. Height is adjusted using a hand crank with adjustable scale.

**Use of a bimetallic saw band which is normally used in metal band saws brings following advantages:**

- very simple operation
- single saw band cuts all types of wood without tooth adjustment (sharpening, tooth setting)
- elimination of tedious, technically challenging sharpening and setting of teeth
- you can immediately start cutting wood in professional quality without any necessary experience
- bimetallic saw band easily cuts metal materials in the log such as nails, shrapnel or bullets
- professional three-side hardmetal saw band guidance in guiding heads and robust support of all rotary parts ensure high cutting accuracy and long service life of the saw band
- maximum accuracy, like in professional machines
- no need to purchase tooth sharpener and tooth setting machine
- easy accessibility and low cost of bimetallic saw bands

Powerful 5.5 kW engine ensures full power during fully professional cutting, cutting of high-quality round timber or when cutting very hard materials. Instead of bimetallic metal-cutting band sized 34 x 1.1 mm you can use a special bime-

tallic wood-cutting band sized 35 x 0.9 mm which (same as the bimetallic metal-cutting band) does not require sharpening and setting of teeth. You can also fit your machine with standard saw-cutting bands (35 x 0.9 mm) identical to those used in higher professional models CTR 710, 800 and 950. Larger teeth in these saw bands allow for increase of productivity when cutting large diameter logs. However, in the above mentioned saw bands it is necessary to sharpen and set the teeth regularly.

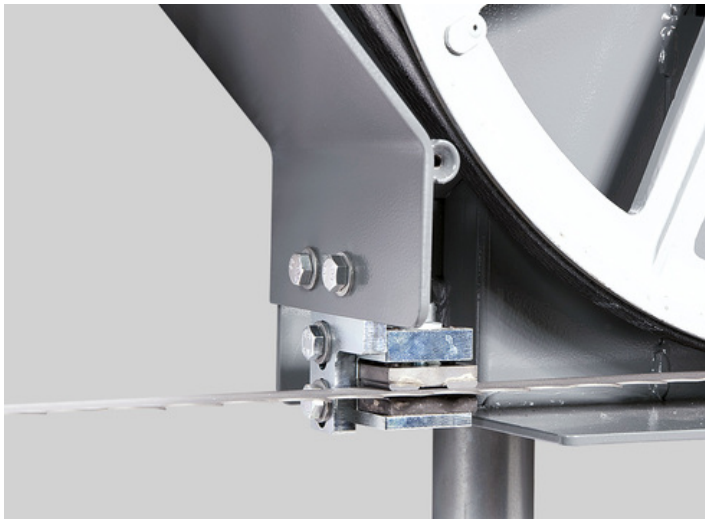
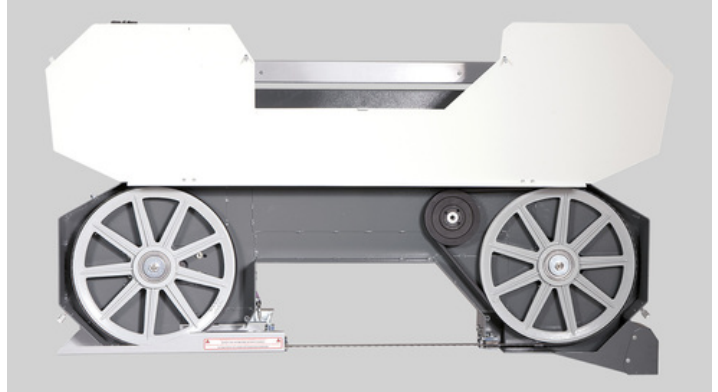
The arm is fitted with large aluminium running wheels with accurate balancing against vibrations. The wheel has a groove along its circumference. The groove holds a replaceable rubber-textile belt which creates an optimum contact area between the wheel and the saw band.

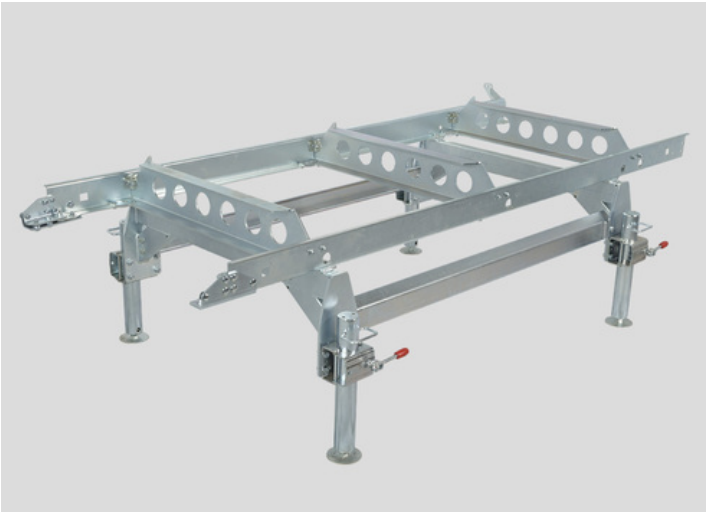
The sturdily mounted running wheel is powered through a wedge belt by a professional electrical motor specially balanced against vibrations. The tensioning wheel system moves within a solid cast iron guiding, which ensures long-term service life and setting accuracy even in long-term machine operation.

CTR series present the latest trends in construction of log saw bands with a special emphasis on maximum accuracy and long-term service life of the machine while ensuring minimum costs. The machines are designed in an original modular execution which allows easy replacement or adjustment of all main technical sections and their individual parts. This in the long-term perspective reduces the maintenance costs and service times and therefore production stoppages as well.



## PHOTOGALLERY





## ACCESSORIES

### ACCESSORIES – SPECIAL ACCESSORIES



**Extending section  
2,25 m Mobile**

#### **Extending section 2,25 m**

Cutting length of extending section is 2,25 m. There is a possibility to prolong the cutting length by connecting the next extending section. Each section is equipped with four robust, adjustable supporting legs.



**038\_Nakládací\_rampa-mobil**

#### **Loading platform**

Allows loading of logs on the trailer.



**040\_Naviják-mobil**

#### **Winch**

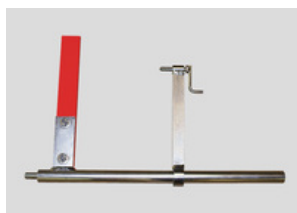
Allows loading of logs on the trailer.



**Lever for log loading**

#### **Lever for log loading**

Serves as help with manipulation with logs on machine frame.



**Material clamp with  
variable square**

#### **Material clamp with variable square**



**Additional clamp  
arm**

#### **Additional clamp arm**



**Excentrický upínač**

#### **Eccentric clamp arm**

For fast and easy log clamping.



**Hand Operated  
Grease Gun**

#### **Hand operated grease gun**

For regular maintenance of the machine according to the lubrication plan. Metal grease gun for 400g cartridges. Equipped with a flexible pressure tube.



**Grease LV 2-3**

#### **Grease LV 2-3**

400g cartridge for the grease gun.

### ACCESSORIES – CONSUMABLE PARTS



**Hard-metal plate 2 x 25 x 0,9 mm**

**Hard-metal Plate 2 x  
25 x 0,9 mm**



**Hard-metal plate 12 x 4 mm**

**Hard-metal Plate 12  
x 4 mm**



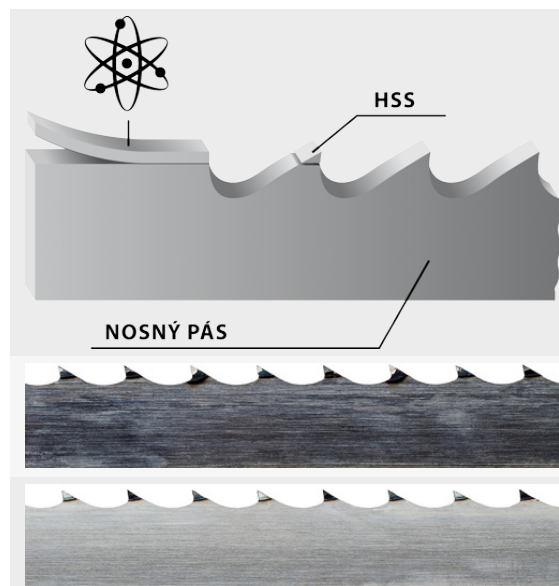
**Running wheel wedge belt SPB  
1850**

**Wheel wedge belt B 17x1560 Lw**

**Running Wheel  
Wedge Belt SPB  
1850 Wheel Wedge  
Belt 17x1560 Lw**



- The original saw 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 saw blades for low-volume cutting, but includes also saw blades for fully professional cutting and utmost performance.
- The foundation of all saw blades are top-quality German materials and precise workmanship. The quality of the saw blades is carefully monitored. All saw blades correspond to the strict ISO 9001 norm.
- We have added to our portfolio also an original Munkfors saw blade made by the world's leading manufacturer Uddeholm from Sweden.
- Pilous saw blades are used in dozens of countries around the world. Any wood you cut, the company Pilous will recommend you a saw blade that will fit your needs.



### BiMetal

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

### HSS

Bearing blade

### Stellite

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

### Carbon spring steel

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



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

