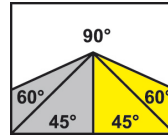


**Pilous**

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Tel.: +420 543 25 20 10

e-mail: metal@pilous.cz, www.pilous.cz**ARG 105 mobil**

1385 x 13 x 0,65

| | 90° | +45° | +60° |
|---|-----------|---------|---------|
| ● | 105 | 70 | 40 |
| ■ | 105 | 65 | 40 |
| ■ | 105 x 110 | 65 x 85 | 40 x 45 |

Motor principal 230 V, 50 Hz, 0,55 kW

Velocidad de la hoja de sierra 55 m/min.

Dimensiones de la máquina [Dibujo de Dimensiones](#)

Peso de la máquina 29 kg

DESCRIPCIÓN DEL PRODUCTO

Pequeña sierra portátil diseñada para obras de construcción, instalaciones y producción en talleres. Para minimizar el peso total, el brazo, la placa base y la mesa están fabricados en fundición de aluminio. Para lograr la máxima vida útil, el tornillo de banco y las ruedas de la cinta de sierra están hechos de hierro fundido gris. La alimentación de la banda de sierra en el corte, la elevación del brazo y la sujeción del material se realizan manualmente.

- El concepto moderno del brazo de la sierra de cinta permite amplios rangos de corte en cortes verticales y angulares.
- Ajuste continuo del ángulo de corte dentro del rango de 90 ° –60 ° cuando la pieza de trabajo está apretada.
- Bloqueo y ajuste sencillos del ángulo de corte deseado en la escala de ángulos
- Máxima precisión de corte y vida útil de la cinta de sierra en esta categoría de sierras de cinta
- Guiado de sierra de cinta de metal duro de tres lados de alta precisión
- Los cojinetes fabricados de las ruedas de rodadura y el sistema de ruedas tensoras son los mismos que en las grandes máquinas profesionales.
- La transmisión de banda profesional, silenciosa y sin mantenimiento es proporcionada por un motor eléctrico industrial con caja de engranajes helicoidales
- La máquina está equipada con un tope de pieza de 200 mm

Todas las imágenes son solo para fines ilustrativos. El rendimiento real del producto puede variar debido a las continuas mejoras.

GALERÍA DE IMÁGENES





DR105/130/200/235*

Tope de la pieza de trabajo – equipamiento estandar

Tope simple para ajustar la longitud deseada del material a cortar.



- Original bandsaw blades produced using the latest technology with top-quality German materials, while strictly complying with all stated production and control procedures.
- High productivity and precision of cut with the maximum service life of the blade is ensured.
- Wide range of produced types of sawblades and toothings enables the professional cutting of almost all available materials.

Bi-metal blade
Consists of bearing band from special steel on which a layer of HSS material is welded into where the teeth are milled.

Constant toothing
The distance of the teeth are always the same.

Variable toothing
The distance of teeth vary and is periodically repeated. This results in a greater cutting range, ability to further eliminate vibrations caused by the impact of the tooth blade on material, longer service life of the blade.

M42

Universal blade recommended for a wide palette of material, including tool steels and stainless steel up to hardness 45 HRC. Teeth are made from steel HSS-M42 containing cobalt.

M51

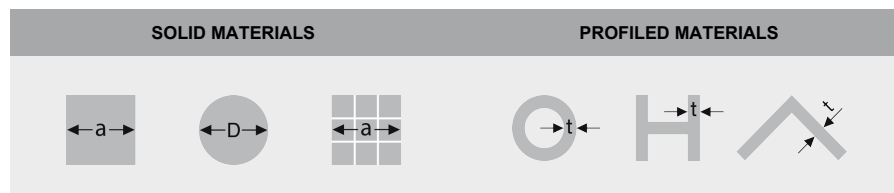
Blade for tool and stainless steel with hardness up to 50 HRC. Tooth tips are made from steel HSS-M42 containing cobalt and wolfram

Carbide

Consists of bearing band from special steel into which the teeth are milled on which especially grinded carbide plates are welded. The carbide mounted blade is recommended for cutting surface hardened materials, chrome parts, forged pieces and materials with external tenacity and hardness up to 62 HRC.

Cutting range

For optimal output of the blade, the correct selection of the size of the blade tooth is important depending on the size of the divided material.



| Variable toothings | | Constant toothings | | Variable toothings | | Constant toothings | |
|--------------------|-------------|--------------------|------|--------------------|-------------|--------------------|------|
| a(D) [mm] | | a(D) [mm] | | t [mm] | | t [mm] | |
| 0-25 | 10/14 | 0-10 | 18 | 0-4 | 10/14 | 0-1 | 18 |
| 20-40 | 8/12 (8/11) | 5-20 | 14 | 3-6 | 8/12 (8/11) | 0-3 | 14 |
| 30-60 | 6/10 | 20-40 | 10 | 6-9 | 6/10 | 4-7 | 10 |
| 40-70 | 5/8 (5/7) | 40-80 | 6 | 9-13 | 5/8 (5/7) | 8-11 | 6 |
| 60-110 | 4/6 | 80-120 | 4 | 12-16 | 4/6 | 12-15 | 4 |
| 80-140 | 3/4 | 120-200 | 3 | 16-22 | 3/4 | 16-20 | 3 |
| 120-350 | 2/3 | 200-400 | 2 | 20-35 | 2/3 | 21-30 | 2 |
| 250-550 | 1,4-2 | 300-800 | 1,25 | 30-85 | 1,4-2 | 31-90 | 1,25 |
| 380-750 | 1/1,5 | | | 40-85 | 1/1,5 | | |
| 550-3000 | 0,75/1,25 | | | 80-200 | 0,75-1,25 | | |

When selecting the number of teeth for the blade, the general principle applies of a minimum of 4 teeth, but no more than 30 teeth are in contact with the work piece.

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.



COOLcut Standard

COOLcut Standard – universal coolant and lubricant.

Recommended concentration 5–10 %. 5 litres pack. Dilution 1:20.

- fluid allows achievement of optimal lubricating and cooling properties during the machining process
- low aromatic, highly refined paraffinic oil
- effective corrosion inhibitors provide permanent protection of the workpiece and the machine from corrosion
- bio stability and excellent wettability ensure excellent cooling and lubricating effect even in very hard water
- minimum tendency to foaming ensures effective lubrication
- high efficiency and profitability of use

Except use on log band saws the product is designed for machining operations carried out both on conventional machines and NC and CNC machining centres.



COOLcut Opti

COOLcut Opti – universal coolant and lubricant. Such machining fluid allows achievement of unique lubricating and cooling properties during the machining process.

Recommended concentration 4–7 %. 1 and 5 litres pack. Dilution 1:20.

- low aromatic, highly refined mineral oil
- effective corrosion inhibitors provide permanent protection of the workpiece and the machine from corrosion
- above average stability and excellent wettability ensure excellent cooling and lubricating effect even in very hard water
- minimum tendency to foaming ensures effective lubrication
- high efficiency and profitability of use
- long-term biostability

In addition to use in saw bands the product is designed for machining operations carried out both on conventional machines and NC and CNC machining centres.



COOLcut Eco 65

COOLcut Eco 65 – universal cooling and lubricating emulsifying oil, well biodegradable according to OECD 301-D test. Biodegradability of 65 % in 21 days.

Recommended concentration 4–7 %. 5 litres pack. Dilution 1:20.

- Such machining fluid allows achievement of unique lubricating and cooling properties during the machining process
- highly refined synthetic ester oil
- effective corrosion inhibitors provide permanent protection of the workpiece and the machine from corrosion
- above average stability and excellent wettability ensure excellent cooling and lubricating effect even in very hard water
- minimum tendency to foaming ensures effective lubrication
- high efficiency and profitability of use
- long-term biostability

In addition to use in saw bands the product is designed for machining operations carried out both on conventional machines and NC and CNC machining centres.



COOLcut Bio 90

COOLcut Bio 90 – universal cooling and lubricating emulsifying oil, well biodegradable according to OECD 301-D test. Biodegradability of 90 % in 21 days. Due to its biodegradability it can be used in any outdoor environment without environmental damage.

Recommended concentration 4–7 %. 5 litres pack. Dilution 1:20.

- Such machining fluid allows achievement of unique lubricating and cooling properties during the machining process
- highly refined synthetic ester oil
- effective corrosion inhibitors provide permanent protection of the workpiece and the machine from corrosion
- above average stability and excellent wettability ensure excellent cooling and lubricating effect even in very hard water
- minimum tendency to foaming ensures effective lubrication
- high efficiency and profitability of use
- long-term biostability

In addition to use in saw bands the product is designed for machining operations carried out both on conventional machines and NC and CNC machining centres.



COOLcut Micro

COOLcut Micro – an easily biodegradable semi-synthetic cooling and lubricating micro-emulsion. Due to its biodegradability it can be used in any outdoor environment without environmental damage. Such machining fluid allows achievement of unique lubricating and cooling properties during the machining process.

Pack of 5 litres. Use undiluted.

- highly refined synthetic ester oil
- effective corrosion inhibitors provide permanent protection of the workpiece and the machine from corrosion
- above average stability and excellent wettability ensure excellent cooling and lubricating effect even in very hard water
- minimum tendency to foaming ensures effective lubrication
- high efficiency and profitability of use
- long-term biostability

In addition to use in saw bands the product is designed for machining operations carried out both on conventional machines and NC and CNC machining centres. 5 litres pack.



COOLcut Antifreeze

COOLcut Antifreeze – low-freezing ingredient for water miscible coolants used in winter in outdoors environment, up to minus 20 °C, depending on the dosage.

5 litres pack. Dilution 1:20.

- effectively lowers the freezing point of the fluid
- very good resistance to oxidation guarantees long service life
- does not act aggressively on the sealing elements (elastomers), to which it comes into contact.

| | | | | | | |
|-------------------------|------|----|-----|-----|-----|-----|
| Optima Antifreeze | (%) | 10 | 20 | 30 | 40 | 50 |
| Flowability temperature | (°C) | -5 | -10 | -17 | -26 | -40 |

RECOMENDADOS



OH 90

Simple and very fast deburring of all kinds of sections (including the internal edges) or full material by a rotary steel brush. High quality construction of the machine along with a three-phase motor make use of the machine possible in specialized workshops as well as in production plants. Compared to manual deburring it reduces the required time and hence reduces your costs. While maintaining incomparably higher and balanced quality of deburring.

We recommend using stainless steel brush for stainless steel products.
Example of the difference between manual deburring (including internal edges) and OH 90

| | | |
|--------------------------------|-------------------------|---------------------|
| Hollow section 60 x 60 x 2 mm: | manual deburring - 32 s | machine OH 90 - 8 s |
| Tube diameter 50 x 2 mm: | manual deburring - 21 s | machine OH 90 - 4 s |



OHE 90

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