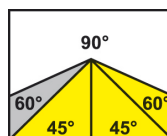


**Pilous**

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2490 x 20 x 0,9

	90°	-45°	+45°	+60°
●	200	135	155	95
■	200	115	130	65
■	250 x 140	150 x 70	160 x 125	100 x 60

Motor principal	400 V, 50 Hz, 0,75/0,95 kW
Motor de la bomba	400 V, 50 Hz, 0,05 kW
Velocidad de la hoja de sierra	35/70 m/min.
Altura de trabajo de la mordaza	900 mm
Tanque de refrigerante	cca 15 l
Dimensiones de la máquina (min)	1430 x 750 x 1400 mm
Dimensiones de la máquina (max)	1450 x 1280 x 1980 mm
Peso de la máquina	245 kg

DESCRIPCIÓN DEL PRODUCTO

Una sierra de cinta universal está tasada para uso general en diversos talleres (trabajos de cerraduras, mantenimiento) y en plantas con maquinaria. La banda de 20 x 0,9 mm permite un uso amplio al cortar secciones y materiales completos de tamaño mediano.

La elevación del brazo de la sierra de cinta es manual; la alimentación al corte se realiza por el peso del brazo, con posibilidad de regulación continua por la válvula de mariposa del amortiguador de aceite. Una vez finalizado el corte, el accionamiento de la sierra de cinta se apaga automáticamente. Para facilitar la elevación del brazo, la máquina está equipada con resortes de tensión ajustables que permiten ajustar la fuerza óptima requerida para la elevación del brazo de acuerdo con las características del material a cortar.

El sistema de tornillo de banco proporciona un ajuste continuo bilateral del ángulo de corte dentro de los rangos de 60 ° a la derecha y 45 ° a la izquierda. El plato giratorio gira junto con la cinta de sierra. Gracias a eso, la cinta de sierra no corta la superficie de carga del tornillo de banco.

- El bastidor robusto de la máquina se compone de piezas fundidas de fundición gris y, por lo tanto, garantiza la absorción de vibraciones.
- El concepto moderno del brazo de la sierra de cinta permite grandes rangos de corte en cortes verticales y angulares
- Bloqueo y ajuste sencillos del ángulo de corte deseado en la escala de ángulos con topes fijados a 45 °, 60 ° y 90 °.
- El enorme tornillo de banco de sujeción rápida garantiza una sujeción del material fácil y fiable
- 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
- El diseño excesivo de los cojinetes de las ruedas, el sistema de las ruedas tensadoras y todas las piezas giratorias garantiza una larga vida útil de la máquina.
- La transmisión de banda silenciosa y sin mantenimiento es proporcionada por un motor eléctrico industrial con caja de engranajes helicoidales.
- El motor trifásico de dos velocidades (400 V) permite la selección de la velocidad de la banda entre 40 y 80 m / min.
- La máquina está conectada a un completo sistema de refrigeración con bomba de alto rendimiento y posibilidad de regular el caudal en ambos cabezales de guiado de forma independiente. El tanque de refrigerante con una bomba se coloca en la base de la máquina.
- Fácil control mediante controles colocados ergonómicamente (eléctricos e hidráulicos) en la base de la máquina.
- La máquina está equipada con un tope de pieza de 250 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.



VP

Dispositivo de presión

Se utiliza para sujetar los paquetes de material a cortar. Garantiza una sujeción simple y confiable del material mediante una presión de contacto vertical.



LA 50

Lámpara halógena

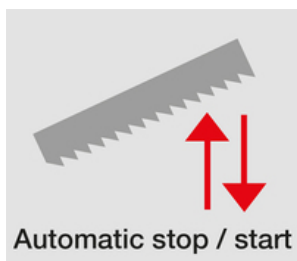
Proporciona una buena iluminación del lugar de trabajo de la máquina. Una herramienta invaluable, especialmente cuando la iluminación del lugar de trabajo es insuficiente.



MM

Lubricación por neblina de aceite

Crea una niebla de aceite que se pulveriza sobre el filo de corte. Sustituye al uso de un refrigerante clásico, especialmente al cortar secciones durante las cuales pueden producirse fugas. Posibilidad de utilizar aceites ecológicos.

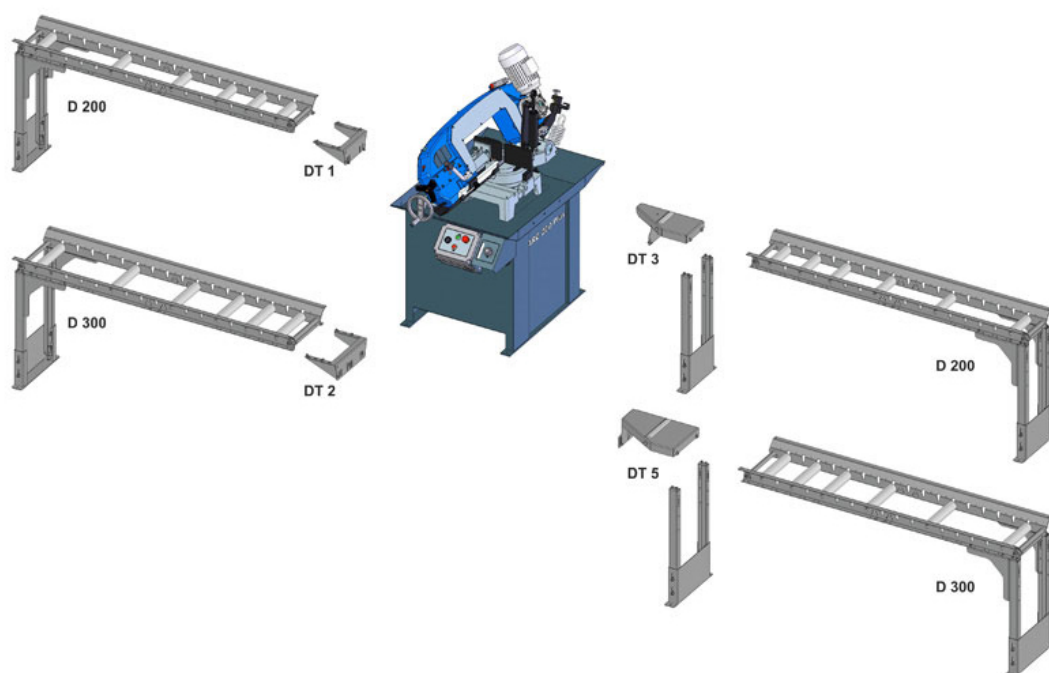


AUT

Descenso automático del brazo

En las máquinas estándar, la válvula de control del descenso del brazo tiene que cerrarse después de la elevación del brazo y para el siguiente descenso del brazo, la velocidad de descenso tiene que ajustarse de nuevo. En esta versión, la válvula de control está equipada adicionalmente con una válvula electrohidráulica, que permanece después de la elevación del brazo en la posición ajustada. Después del arranque de la hoja de sierra, se libera automáticamente y el brazo desciende al corte a una velocidad establecida. Por lo tanto, el ajuste de la velocidad de descenso para cada corte cae. Esto elimina significativamente los errores del operador, protegiendo así las hojas de sierra y aumentando también la productividad de la máquina. Una ayuda ideal para cortar material en series más grandes.

TRANSPORTADORES





- 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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