

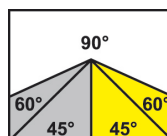
PILOUS




PALSON

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ARG 235



2710 x 27 x 0,9

	90°	+45°	+60°
●	235	185	115
■	230	160	80
■	280 x 180	185 x 100	115 x 80

Putere motor electric	400 V, 50 Hz, 0,9/1,4 kW
Putere motor de racire	400 V, 50 Hz, 0,05 kW
Viteza panzei	40/80 m/min.
Inaltimea de lucru	900 mm
Rezervor lichid de racire	cca 15 l
Dimensiunea masinei (min.)	1680 x 750 x 1400 mm
Dimensiunea masinei(max.)	1870 x 1300 x 2000 mm
Greutatea masinei	285 kg

DESCRIERE

Versiune modernizată a modelului ARG 220 cu cea mai bună vânzare de taiere, cu un brat de taiere complet nou și un design unic. Lărgit a fost diametrul maxim al materialului taiat de la 220 mm la 235 mm și de plattbanda de la 270 x 150 mm la 280 x 180 mm.

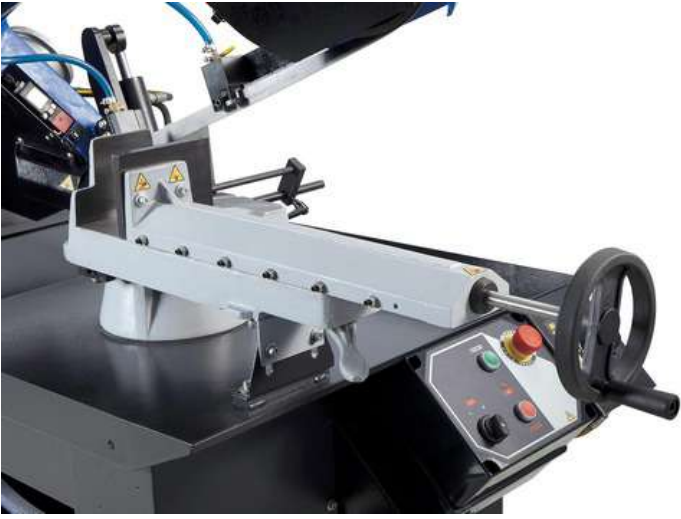
Mașină de debitat cu pânză universală "mică" utilizată pentru uz general în diferite ateliere și hale de producție. Pe această mașină sunt utilizate pânzele ferăstrău cu secțiunea de 27x0,9 mm fabricate în multe variante permit utilizarea mașinii pentru debitarea unei game largi de profile și bare pline, inclusiv din inox sau oțeluri pentru scule.

Ridicarea cadrului de debitare este manuală; avansul de debitare se realizează prin greutatea cadrului cu posibilitatea de reglare continuă a vitezei de avans cu ajutorul unei supape amortizoare. La terminarea debitării mașina se oprește automat. Pentru a facilita ridicarea ușoară a cadrului mașina este echipată cu arcuri de tensionare reglabile, care permit setarea forței optime necesare pentru ridicarea cadrului în funcție de caracteristicile materialului care urmează să fie debitat.

- Ajustarea continuă a unghiului de debitare în gama 90° – 60° când materialul este bine strâns.
- Cadrul foarte robust al mașinii este compusă din piese turnate din fontă cenușie și asigură absorbția vibrațiilor.
- Conceptul modern al cadrului permite debitarea dreaptă și în unghi a unei game largi de materiale.
- Reglarea și blocare simplă a unghiului de tăiere dorit pe scala de unghi.
- Menghina masivă cu strângere rapidă asigură o ușoară și fiabilă prindere a materialului.
- Roțile de antrenare și tensionare mari și ghidarea pânzei din trei părți cu ajutorul plăcuțelor de ghidare din metal dur asigură mașinii înaltă precizie de debitare și o durată de viață lungă.
- Supradimensionarea rulmenților roții de rulare, sistemul roții de tensionare și toate părțile rotative asigură mașinii o durată de viață lungă
- Antrenarea profesională care funcționează fără zgomot și nu necesită întreținere este asigurată de un motor electric și un reductor cu melc.
- Motorul electric trifazat (400V) permite selectarea vitezei de 40 sau 80 m/min a pânzei în funcție de caracteristicile materialului ce urmează să fie debitată.
- Mașina este dotată cu un sistem de răcire complet cu o pompă de înaltă performanță și posibilitatea de reglare a debitului de pe ambele cuburi de ghidare a pânzei. Rezervorul pentru lichidul de răcire este amplasat în suportul mașinii.
- Control ușor prin comenzi amplasate ergonomic (electrice și hidraulice) pe suportul mașinii
- Mașina este echipată cu un opritor reglabil cu lungimea de 250 mm.

GALERIE FOTO







DR105/130/200/235*

Limitator material – Echipament standard

Limitator material pentru reglarea lungimii de taiere a materialului debitat.



Convertizor de frecventa

Asigura viteza constanta a panzei de debitare in gama 15–90 m/min., oferind conditii optime de stabilire a conditiilor de debitare pentru piesa debitata.



KL

Suport material preluare piesa

Este anexat la menghina si permite caderea piesei debitate intr-un container de colectare. Foarte util in situatia unei productii de serie, Dispozitivul este prevazut cu doua randuri de grilaj pentru a preveni scurgerea lichidului de racire in containerul colector.



LA 50

Lampa iluminat local cu halogen

Ofera o iluminare corespunzatoare a zonei de lucru. Aceasta devine indispensabila atunci cand lumina este insuficienta in atelierul dvs.



MM

Sistem de lubrifiere cu pulverizare

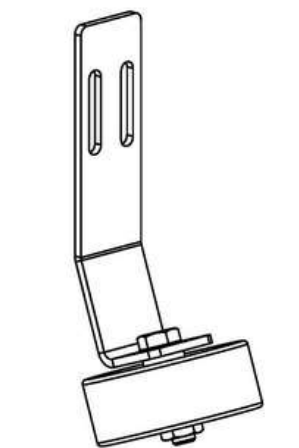
Creaza o pacla de ulei care este pulverizata pe muchia de taiere. Aceasta inlocuieste utilizarea clasica a lichidului racire, in special in situatiile in care din debitările in sectiune apar scurgeri ale emulsiei. Permite utilizarea de uleiuri organice.



DR235

Limitator material 500 mm

Limitator material robust de 500 mm cu scala gradata pentru stabilirea lungimii de taiere a piesei care urmeaza a fi debitata.



KDP

Perie curatare

Perie din otel pentru curatare panza, cu actionare prin volanta panzei. Utilizata pentru a indeparta spanul rezultat in urma debitarii.



CD

Manometru tensionare panza

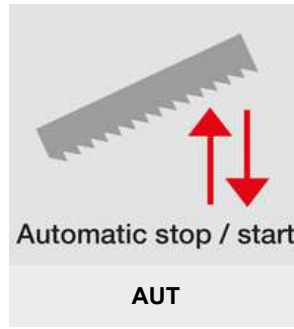
Asigura precizia la tensionarea benzii si controlul acesteia in timpul debitarii, in conformitate cu valoarea stabilita. Tensionarea panzei in parametrii optimi este esentiala la precizia de debitare si pentru a prelungi durata de utilizare a panzei.



PV 235

Role de avans material suplimentare

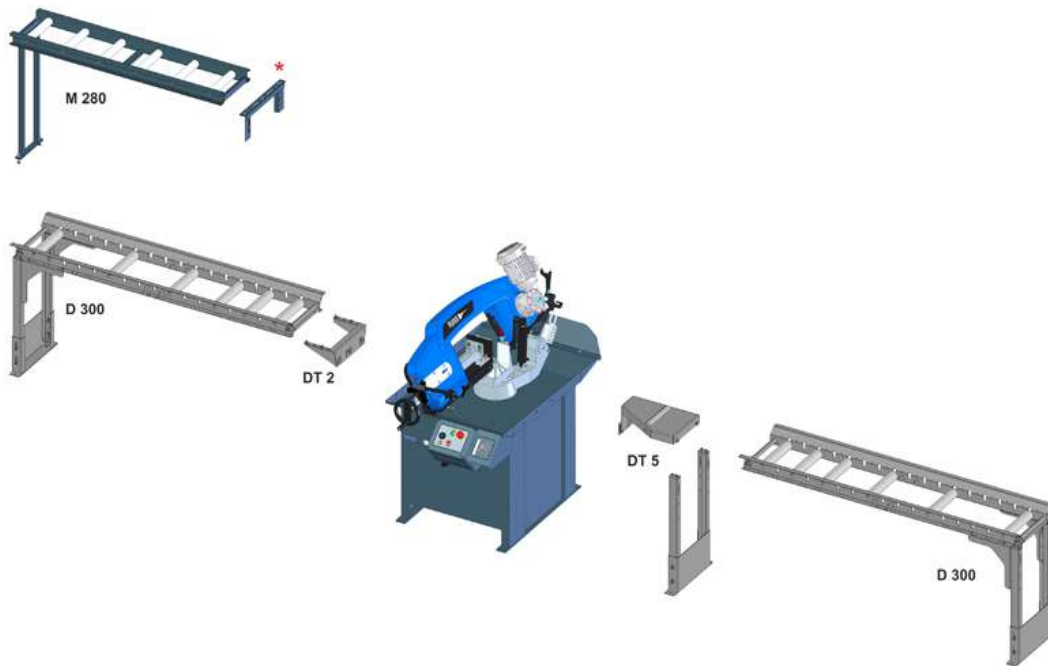
Pentru avansul facil al materialului la debitare, in cazul in care nu aveti la dispozitie o masa de alimentare profile. Pot fi utilizate atat in zona de alimentare a profilului teava sau bara metalica care urmeaza a fi taiat cat si in zona de iesire a materialului debitat.



Sistem automat start – stop

In variantele standard fierastrai de debitat metal, valvele de control coborare brat de taiere trebuiesc inchise dupa ce bratul este ridicat si redeschise la urmatoarea coborare a lui, si de asemenea viteza de coborare a bratului trebuie setata din nou. Aceasta optiune permite controlul suplimentar al valvelor, printr-o valva electro-hidraulica, viteza de coborare a bratului ramanand la valoarea seta initial. La inceperea unei debtiari, bratul este automat lasat sa coboare, la viteza de taiere stabilita. Este eliminata necesitatea de a seta viteza de coborare a bratului pentru fiecare coborare. Aceasta optiune elimina semnificativ erorile cauzate de operator si contribuie la prelungirea de utilizare a panzei de taiere, sporind in aceleasi timp si productivitatea fierastraului. Achizitionarea acestei optiuni se recomanda in cazul productiei de serie.

MESE CU ROLE



*) Este întotdeauna o parte a transportorului.

Notă: Puteți conecta M280 în spatele tăieturii ca transportor numai dacă nu este necesară tăierea unghiulară



- 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 tooling 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 toothing		Constant toothing		Variable toothing		Constant toothing	
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

RECOMMEND



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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