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JOPA Model P 124

> Ring and disc cutter

The ideal ring cutting device for shop and assembly work.

The device will cut properly, neatly, true to size and with a straight edge, all materials suitable for cutting, such as rubber, leather, felt, cardboard, plastics, graphite bonded with smooth metal foil and similar stock.

The cutting table consists of 20 mm thick lumber-core plywood mounted on two wooden rests.

How to use the cutter:

For first use, the cutter locating unit will be guided from below through the hole arranged at the centre of the cutting table, and then fastened underneath the table board.

A hole of 8 mm diameter will be provided in the material to be cut. The knives will be adjusted to the desired diameter by means of the steel rule, and the cutting arm then fastened to the stud bolt projecting through the material.

Weights and dimensions | Jopa P 124

Designation	**Cutting range** in mm	**Dimensions** of cutting tables in mm L x W x H	**Packing dimensions** in mm L x W x H	**Approx. Weight** net - gross
P124-300	30 - 300	320 x 320 x 20	360 x 360 x 170	4 - 4,5 kg
P124-600	30 - 600	620 x 620 x 20	660 x 660 x 115	7 - 9,5 kg
P124-1000	30 - 1000	1020 x 1020 x 20	1060 x 545 x 155	14 - 19 kg

Accessories and spare parts



Cutting blade of tool steel (standard knife)
[Ref.-No. 451]
> for rubber and similar soft materials



Cutting blade of tool steel (standard knife)
[Ref.-No. 452]
> fe.g. for fibrous materials, graphite bonded with stainless steel, and all materials where long tool life is important



Cutting wheel ~~with~~ holder
[Ref.-No. 453]

Cutting wheel ~~without~~ holder
[Ref.-No. 1354]
> for all materials for which the rolling of the cutting wheel brings advantages, such as f. i. for soft rubber types and similar materials, graphite etc. (smallest cutting diameter is limited)



Chipping blade
[Ref.-No. 455]
> for stock removal e.g. on hard plastics, and other materials allowing a stock removing operation



Hold- down plates
> for holding down the material to be cut. The softer and thinner the material, the more accurately the
hold-down disk will have to be adapted to the cutting diameter.

Hold-down plates [Ref.- No. 124-04]
> (Comprising 4 pieces of Dia. 100-250mm)

Hold-down plates [Ref.- No. 124-10]
> (Comprising 10 pieces of Dia. 100-250mm)

[Illustrations and dimensions may be subject to changes as result of technical progress.]

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FRIPA Model P 125

> Gasket, ring and disk cutter

The machine is designed for cutting:
rubber, asbestos and non-asbestos, leather, felt, cardboard, plastics and any other material suitable to be cut (e.g. graphite bonded with stainless steel). The machine is designed for chipping: Hard plastics and soft metals.

How to use the cutter

Machine type P 125 is available for fast cutting of gaskets, rings and plates made from the materials listed above. Machine types P 125/302 and P 125/602 permit inside and outside cutting to be performed in one pass.

For precise and rapid setting of the cutting tools, fixed rules are provided on the knife holder. The cutting tools can be adjusted in any direction. Only few turns will be required for executing a neat and clean cut. The machine is easy to operate and uncomplicated in handling. With the tools additionally offered, it is possible to cut all of the above mentioned materials without any problems.

Weights and Dimensions I FRIPA Model P 125

Designation	**Cutting range** in mm	**Dimensions** of cutting tables in mm L x W x H	**Packing dimensions** in mm L x W x H	**Approx. Weight** net - gross
P125-300	30 - 300	520 x 330 x 420	600 x 240 x 470	18 - 19 kg
P125-302	30 - 300	520 x 330 x 420	600 x 240 x 470	19 - 20,5 kg
P125-600	30 - 600	850 x 640 x 420	960 x 285 x 470	30 - 33,5 kg
P125-602	30 - 600	910 x 740 x 420	960 x 285 x 470	31 - 34,5 kg

Accessories and spare parts



Cutting blade of tool steel (standard knife)
[Ref.-No. 451]
> for rubber and similar soft materials



Cutting blade of tool steel (standard knife)
[Ref.-No. 452]
> fe.g. for fibrous materials, graphite bonded with stainless steel, and all materials where long tool life is important



Cutting wheel with holder
[Ref.-No. 453]

Cutting wheel without holder
[Ref.-No. 1354]
> for all materials for which the rolling of the cutting wheel brings advantages, such as f. i. for soft rubber types and similar materials, graphite etc. (smallest cutting diameter is limited)



Chipping blade
[Ref.-No. 455]
> for stock removal e.g. on hard plastics, and other materials allowing a stock removing operation



Hold- down plates
> for holding down the material to be cut. The softer and thinner the material, the more accurately the
hold-down disk will have to be adapted to the cutting diameter.

Hold-down plates [Ref.- No. 45-04]
> (Comprising 4 pieces of Dia. 100-250mm)

Hold-down plates [Ref.- No. 45-10]
> (Comprising 10 pieces of Dia. 100-250mm)

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P/GS 20 Rubber Cutter

> for freehand cutting of rubber and similar materials

Technical Features

- **Max. material thickness**: 20 mm
- Infinitely variable number of strokes of cutting knife.
- Soft starting
- Voltage: 230 V/50 Hz.
- Power input: 350 W

Manufactured in conformity with the CE requirements, this machine has been specially designed for use under shop conditions. Its prominent features are ease of operation combined with a great number of possible applications.

After marking, it allows shapes and figures of any kind and size to be cut from rubber and similar materials.

[Illustrations and dimensions may be subject to changes as result of technical progress]

Weights and dimensions I P/GS 20

Designation	**Dimensions** in mm L x W x H	**Packaging Dimensions** L x W x H	**Approx. Weight** net - gross
PG/S 20	320 x 70 x 260	440 x 320 x 260	2,5 - 4,5 kg

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P/H 170

> Ring Cutter

Technical Specifications

Circular cuts from 60 to 1500 mm in diameter
Circular cuts up to 10 mm deep
Rule with diameter scale
2 knives: 1 knife **Ø 40mm** (standard knife) and 1 knife Ø 30mm (for small diameters)
2 punches: Ø 15 mm (1 tapered punch for hard materials such as aramide fibre plates, 1 cy - lindrical punch for softer material such as graphite plates)

2 Allen keys, **2 adjustable stops** for quick setting of inner and outer diameter when cutting gaskets of same type

Machine is maintenance-free!

The machine cuts absolutely neatly, dimensionally accurately and with straight edges, all fibrous materials, PTFE, rubber, leather, cardboard, chipboard, felt, cork, graphite bonded or not bonded with high grade steel foil, firm plastics or similar stock.

Mode of operation
Cutting tool is a circular knife driven by operation of the hand wheel. While cutting, the circular knife controlled by turns of the height adjusting handle penetrates into the material (depth of penetration depends on the nature of the material being cut). After each full revolution of the material, the knife further feeds down, until the material is finally cut through. For accurate diameter setting, a rule with diameter scale is fitted to the machine. A hole of 15 mm diameter has to be made at the centre of the gasket material. Smallest diameter for circular cuts and cutting time depend on type and thickness of the material to be cut.

Weights and Dimensions I P/H 170

Designation	**Dimensions** in mm L x W x H	**Packing dimensions** in mm L x W x H	**Approx. Weight** net - gross
P/H 170	1220 x 125 x 240	1270 x 200 x 320	9,5 - 11 kg

Accessories and spare parts



Centring attachment "ZH"
[Ref. No 1359]
> for locating the blank plate in the case of inaccurate centre hole or soft material (incl. 1 punch Ø20mm)



Circular knife 30 x 1,2mm
[Ref. No 1358]
> for smallest diameters



Circular knife 40 x 1,2mm
[Ref. No 1360]
> for circular and strip cuts up to 10mm thickness



Circular knife 40 x 1,2mm
[Ref. No 1357]



Carbide circular knife 40 x 1,2 [Ref..No.1357]

[Illustrations and dimensions may be subject to changes as a result of technical progress]

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P/FD 250

> Gasket cutting machine

Technical Specifications

Cutting range: from 55 up to 1500mm
Max. Thickness: 3mm
Strip cut: 250mm
Motor power: 500W (bei 230V AC, 50 Hz)

The machine is suitable for the production of gaskets in the form of rings and strips (by free-hand forced: other shapes are possible). It cuts gaskets made of almost any shearable material, including even pure graphite with smooth or spiked sheet or expanded inlay.

Mode of machine operation
For diameter setting, a fixed rule will be used. Punch a hole at the centre of the plate to be cut using the punches supplied, and then place the plate onto the centring attachment of the machine.

Press down the hand lever, while the motor is running, to move the upper knife into bottommost position. In this process, the upper knife will penetrate the material (which therefore does not require a starting hole) and move into the gap between the two lower knives. The cutting feed will be obtained by manually turning the material being cut. A single revolution is sufficient to effect a full cut through the material.



The patented arrangement of the knives ensures a high quality of cutting. Even in the case of soft graphite gaskets, there will be no fraying or squeezing of the lower edge or separations of the laminate layers.

Weights and Dimensions I P/FD 250

Designation	**Dimensions** in mm L x W x H	**Packing dimensions** in mm L x W x H	**Approx. Weight** net - gross
P/FD 250	1200 x 320 x 280	1270 x 400 x 340	18 - 21 kg
Machine base	850 x 480 x 790	870 x 540 x 60	18 - 21 kg

The standard equipment of the machine includes:

- One set of upper and lower knife mounted at the machine
- One Hold- down device for an accurate cut
- 2 punches (1 conical for hard materials and 1 cylindrical for soft materials)
- One fixed rule, easy to read and glare-free, with diameter lines
- Supporting struts for easier cutting of great diameters in the case of soft materials
- One adjustable stop for strip cutting operations
- 2 pieces diameter end stops for easier change over from inner to outer diameters when cutting series.

Additional parts:

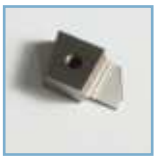


Machine base
[Ref.-No. 25003]

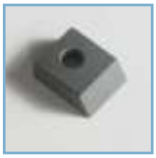


Centring attachment "ZH"
[Ref.-No. 1359]
> for locating the blank plate in the case of inaccurate centre hole or soft material (incl. 1 punch Ø20mm).

Spare parts:



Upper knife [Ref.-No. 25001]



Lower knife [Ref.-No. 25002]



Special punch [Ref.-No. 25004]
> for close tolerance cylindrical punching operations

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Technical Specifications

Circular cuts from 60 to 1500mm
(smaller or bigger- up to 3000mm- versions on enquiry)

Circular cut depths up to 10 mm

Strip cuts up to 150 mm width using the lateral stop

Strip cut depths up to 15 mm

Electrical connection: 230 V, 50 Hz
Motor power: 250 W (earthing type plug)

The machine P 135-1500 tronic shown as standard version features

RONDELLA P 135

> Ring, Disc, Segment and Strip Cutter

The machine P 135-1500 tronic shown as standard version features:
- Conformity with CE
- Cast-iron design for rigidity and torsional strength
- Foot switch (with protective cap) for electronic speed control (from zero to maximum speed)
- Reversible sense of rotation (important for hand-guided cutting)
- Lateral stop for cutting strips up to 150mm wide
- Rule with diameter scale
- Adjustable penetration depth for circular knife, for protection of the plastic transport roller
- Highly precise centring and holding fixture and vertically adjustable locating pin

Machine base
- 1 punch dia. 15mm. 3 Allen keys
- 1 circular knive each: Ø 30mm for smallest diameters, Ø 40mm for standard circular, Ø 50mm for linear cuts in materials > 10mm thick

Mode of operation
The cutting tool is a rotating knife. During the process, the material to be cut is pressed evenly from underneath against the circular knife by means of a special transport roller until the cut is completely executed. A special design ensures that the circular knife and the transport roller are protected from damage while cutting. For accurate diameter setting, a rule with diameter is fitted to the machine. A hole of 15 mm must be provided at the centre of the blank plate to take the centring pin of the holding fixture (not when using the yoke "RS"). Minimum diameter for circular cuts and cutting time depend on the thickness of the material presented for cutting.

The machine cuts absolutely neatly, dimensionally accurately and with straight edges, all fibrous materials, rubber, leather, cardboard, chipboard, felt, cork, graphite bonded or not bonded with high grade steel foil, firm plastics or similar stock.

Designation	**Dimensions** in mm L x W x H	**Packing dimensions** in mm L x W x H	**Approx. Weight** net - gross17
P135-1500 tronic	1650 x 475 x 1080	1700 x 560 x 550	58 - 70 kg
P135-1500H (hand)	1380 x 475 x 1080	1700 x 560 x 550	49 - 61 kg

Accessories and spare parts



Yoke "RS"
[Ref. No. 1351]
> Yoke "RS" for cutting discs of 80mm up to 1500mm, when utilising this device for clamping the material, a hole at the centre of the plate is not required



Clamping attachment "SZ" for cutting segments
[Ref. No. 1352N]
(including 1 necessary Centring attachment "ZH")



Centring attachment "ZH" [Ref. No. 1359]
> for locating the blank plate in the case of inaccurate centre hole or soft material
(incl. 1 punch Ø20mm)



Circular knife Ø30 x 1,2mm [Ref. No. 1358]
> for smallest diameters



Circular knife Ø40 x 1,2mm [Ref. No. 1354]
> for circular and strip cuts up to 10mm thickness



Circular knife with carbide blade Ø40 x 1,2mm [Ref. No. 1357]



Circular knife 50 x 2mm [Ref. No. 1355]
> for strip cuts up to 15mm thickness

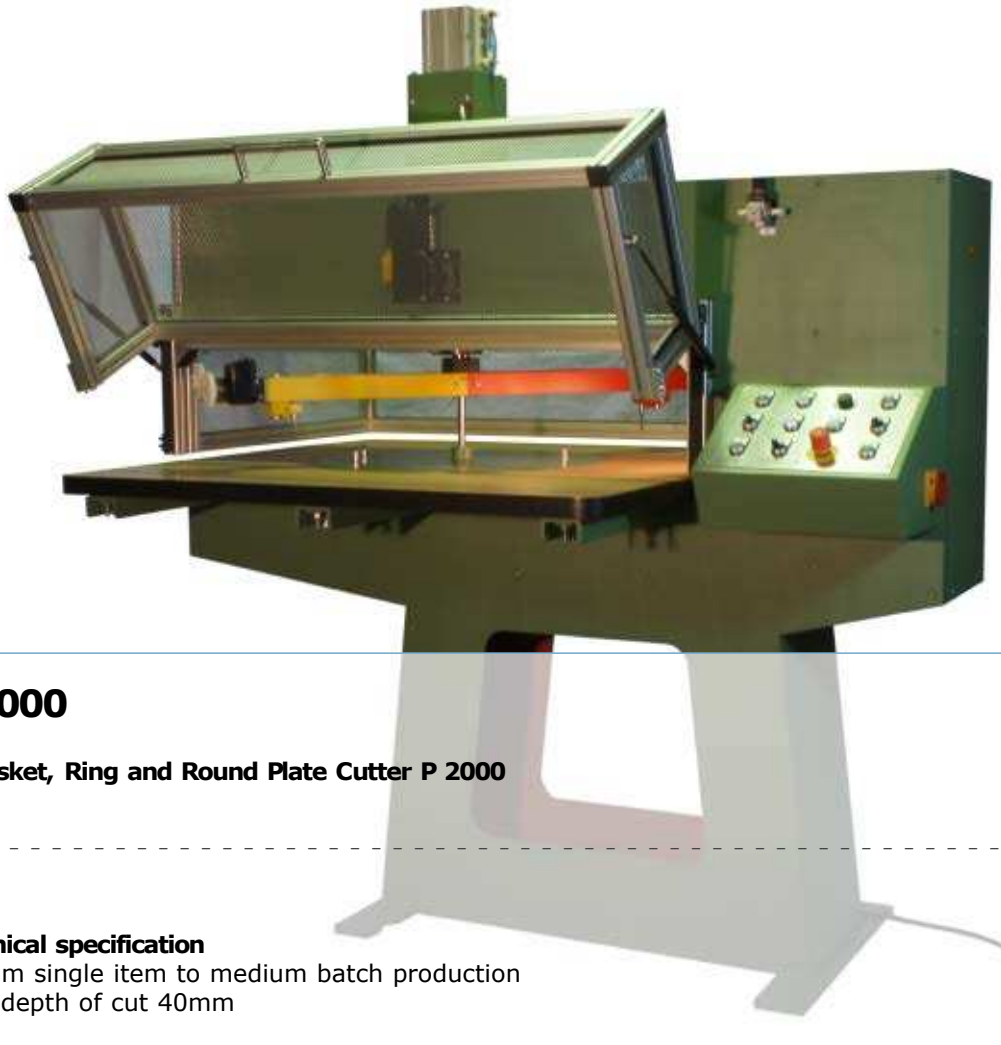


Plastic transport roller [Ref. No. 1356]

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P 2000

> Gasket, Ring and Round Plate Cutter P 2000

Technical specification
> From single item to medium batch production
Max. depth of cut 40mm

Circular cuts from **Ø40 bis Ø 600mm – size I**
Circular cuts from **Ø40 bis Ø1000mm – size II**
Circular cuts from **Ø40 bis Ø1500mm – size III**

The machines P 2000 II and P 2000 III are freestanding machines of robust steel structure type. They cut absolutely neatly, dimensionally accurately and with straight edges, all suitable materials such as rubber felt, cardboard, plastics, fibre materials, graphite of bonded or non bonded type, and similar stock Knife adjustment is quick and precise, thanks to the calibrating tool supplied. Greatly simplified vs. the preceding model, diameter setting of the knives is now effected through a hand-operated spindle drive.

The figures adjusted can be easily read from a large display. Knife down-feed is ensured by a hydraulic pneumatic feed system.

The cutting speed is infinitely variable by a frequency converter to allow optimal adjustment to the material being cut. Material is held in position by a pneumatically operated quick clamping device. The work space is illuminated.

Dimensions and Weights I P2000

Designation	Cutting range in mm	Dimensions in mm L x W x H	Packing dimensions in mm L x W x H	Approx. Weight net - gross
P 2000 I	40 - 600	1450 x 1030 x 1300	1750 x 1350 x 1500	450 - 415 kg
	with quick clamping device: H + 150			
P 2000 II	40 - 1000	1800 x 1350 x 1920	2350 x 1750 x 2100	570 - 640 kg
P 2000 III	40 - 1500	2500 x 1900 x 1960	2850 x 2250 x 2100	720 - 810 kg

Accessories and spare parts



Cutting blade of tool steel (standard knife)
[Ref.-No. 2001]
> for rubber and similar soft materials



Cutting blade of tool steel (standard knife)
[Ref.-No. 2002]
> fe.g. for fibrous materials, graphite bonded with stainless steel, and all materials where long tool life is important



Cutting wheel with holder
[Ref.-No. 2003]



Cutting wheel without holder
[Ref.-No. 2004]
> for all materials for which the rolling of the cutting wheel brings advantages, such as f. i. for soft rubber types and similar materials, graphite etc. (smallest cutting diameter is limited)



Hold-down disks
> Hold-down disks, for holding down the material to be cut. The softer and thinner the material, the more accurately the
hold-down disk will have to be adapted to the cutting diameter.
[Ref.-No. 200710] from 100 to 550mm Ø
[Ref.-No. 200716] from 100 to 950mm Ø



Rack for 18 hold-down disks
[Ref.-No. 2013]



Knife holder (only for P 2000 I)
[Ref.-No. 2006]
> will be additionally required when using various types of knives successively (no need for adjusting the knives)