



PNEUMATIC SPECIMEN CUTTING PRESSES PCN-20 series

Suitable for accurately and quickly cutting rubber or flexible plastic specimens to perform tensile, compression, tear tests...

TECHLABSYSTEMS

The preparation of the elastomer and polymer samples and specimens is of great importance if you want to have great precision in the results of the data obtained, as well as good traceability, later in the Tensile, Tear, Compression... tests.

APPLICABLE STANDARDS

ASTM – ISO – DIN – BS - UNE – JIS...

GENERAL INFORMATION

With the PCN/20 series pneumatic specimen cutting presses, specimen cuts can be made safely (equipped with 2 push-buttons for greater operator safety), precisely and quickly.

Model PCN-20/12

For **hard samples** (not breakable by cutting)

Cutting force: 12kN

Maximum thickness of samples: 7-8 mm (plastics)

Maximum thickness of samples: 9-10 mm (rubber)

Model PCN-20/18

For **very hard samples** (not breakable by cutting)

Cutting force: 18kN

Maximum thickness of samples: 7-8 mm (plastics)

Maximum thickness of samples: 9-10 mm (rubber)

Common Features:

Nylon sheet is supplied to protect the cutting edge of the dies.

Base cutting area: 270 x 200 mm (width x depth)

Activation through 2 buttons (security system)

Pressure gauge and 0-16 Bar pressure reducer

Nominal working pressure: 4 - 6 Bar

Return of the upper mobile head to the initial position, by means of springs

**** Depending on the hardness of the material to be cut, it is recommended to send us samples for evaluation.***

- Great solidity
- Cutting precision
- Cutting speed
- Security





Request die prices indicating:

- ✓ WITH or WITHOUT ejector for the cut samples
- ✓ Standard manufacturing or EDM (great precision)
- ✓ The maximum size that can be cut is 200 x 80 mm

PNEUMATIC SPECIMEN CUTTING PRESSES PCN/20 series						
Model	Cutting force KN	Max. thickness cut FLEXIBLE PLASTICS mm	Max. thickness cut RUBBER-ELATOMERS mm	Air pressure Bar	Dimensions W X D X H mm	Net Weight Kg
PCN-20/12	12	9-10	7-8	4-6	350x250x510	72
PCN-20/18	18	9-10	7-8	4-6	350x250x510	72

REQUIRED COMPRESSED AIR SUPPLY PRESSURE: 4-6 Bar

TRANSPORT PACKAGING DIMENSIONS: 450 x 500 x 640 mm (W x D X H)

GROSS WEIGHT: 98 Kg (Wooden packaging with phytosanitary treatment)

STANDARD SUPPLY CONTENT:

- * Pneumatic Specimen Cutter Press requested model