

Die Cutters formA models



Successful performances of tensile and many other physical testing, requires standardized specimens to be precisely cut from materials such as elastomer, rubber, plastics, textiles, paper, cardboard, leather, films.

Pneumatic-action die cutter **“formA”** – in combination with the appropriate cutting dies - is proposed by ATS FAAR as the ideal solution to obtain specimens of adequate shape and dimensions up to 300 mm width.

A wide range of cutting dies is available for nearly all applications.

Choosing **“formA”** your laboratory will be equipped with an instrument that's:

- ✓ Easy simply connect to a compressed air inlet
- ✓ Clean no residuals
- ✓ Safe being designed in accordance with current EEC safety rules



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Procedure:

To obtain standardized specimens, the die cutter shall be equipped with appropriate cutting die(s) corresponding in shape, dimensions and tolerances as indicated in the various reference Standards. Test material, typically in sheet form, is placed onto the sample plate then pneumatic punching is activated by two-buttons pushing until the cutting of specimen has been completed. When using cutting dies provided with ejector, sample is automatically ejected.

Main specifications:

- Dimensions of the sample holder plate (WxD): mm 320 x 200
- Force on the die head axis: 55 kN (with 6 bar air pressure)
- Max cutting thickness: approx. mm 16
- Max stroke of the die head: mm 30
- Max useful clearance between die head and sample plate: mm 70
- Grounded worktop screwed in the mainframe, interchangeable with worktops having different sizes
- Adjustable die head support, suitable for connections having dia. mm 25; smaller connections may be inserted with spacers, available on request.
- Two push-buttons control positioned under the worktop, easy to reach and dust-free design
- Safety: cutting operations are possible only by simultaneously pressing the two side push-buttons
- Plastic cover for worktop included
- Overall dimensions (WxDxH): mm 500x370x510
Weight: approx. 130 Kg

Manual-action die cutter “form”

The cheaper alternative for thin samples with max. width up to 200 mm

Main specifications:

- Dimensions of the worktop m 200 x 200
- Cast iron structure, with holed base to fix to the bench
- Suitable long lever to produce cutting force of approx. kg 500
- Stroke: mm 25; extra mm 25 by micrometric adjustment
- Worktop with holes for fixing of supports, if any
- Plastic cover for worktop included
- Overall dimensions (WxDxH): mm 220x400x780
- Weight : approx. 35 Kg



Indications reported on this bulletin may be changed without notice, codes and references for informative purposes only.

ATS FAAR S.p.A.
Via Camporicco, 1 - 20060 Vignate (Milano) , Italy
Phone + 39 02 9593921 Fax + 39 02 95360686
atsfaar@atsfaar.it www.atsfaar.it