

Elastocon

Sample Preparation of rubber and plastic materials



Pneumatic operated Cutting Press, EP 02



Manual operated Cutting Press, EP 08

Small and compact Cutting presses for preparation of test specimens in the laboratory.

EP 02 – pneumatic and EP 08 - manual operation. These presses stand on rubber feet and do not need to be fixed to a work bench or table top.

Both presses are equipped with a quick locking system for easy exchange of cutting tools



Guiding rod for curly material

Easy cutting of curling sample material. The guiding rod (EP04.04) allows for, positioning the die on the sample material and then apply the cutting pressure. The rod is included when purchasing the EP 02 or EP 08.



Cutting Dies, EP 04

These dies are manufactured in both standard and special shapes. A special shank for mounting in presses EP 02 and EP 08 can be fitted. Shanks for other cutting presses are available. All cutting dies are now manufactured with an ejector plate, which helps the work and protects the edges and operator.



Rotating Knives, EP 03

For preparation of test specimens for compression set and abrasion tests. The rotating knives are manufactured of specially grounded hardened steel. They are used in a stationary drilling machine, against a soft base material and lubricated with ethanol or propanol

Technical Specifications

Press model	EP 02	EP 08
Cutting pressure, kN	18, max. 25	10
Air pressure, bar	6 to max. 8	
Stroke, mm	25	20
Height adjustment, mm	50	30
Cutting die height, mm	25 – 65	30 – 60
Base Plate size, mm	200 x 200	200 x 150
Dimensions w x d x h, mm	360 x 420 x 400	215 x 265 x 525
Weight, kg	62	19
Material	aluminium and zinc coated steel	aluminium and painted steel
Safety	2-hand operation	Safety stop

Spare parts

Cutting boards EP 02.01, mm	200 x 200	
Cutting boards EP 08.01, mm		200 x 150

Specimen Rotating Knives, EP 03

Material	hardened steel
Standard sizes	dia 13 mm (ISO 815) dia 16 mm (ISO 4649)

Specimen Cutting Dies, EP 04

Material	hardened steel
Standard shapes eg.	ISO 37-1 = ISO 527-5 = ASTM D 412 die C ISO 37-2 = ISO 527-5A ISO 37-4 = ISO 527-5B ISO 34-A (trouser) = ASTM D 624 die T ISO 34-B (angle) = ASTM D 624 die C ISO 34-C (crescent) = ASTM D 624 die B ISO 2285 = ISO 2921 T50 ISO 2285 CL (tension set constant load) ISO 527-1A ISO 527-1B ISO 527-1BA

Shanks for the cutting dies

EP 04.01	Shank for Elastocon, EP 02 and EP 08 cutting presses
EP 04.02	Shank for Wallace, S1 cutting press
EP 04.03	Shank for Ceast, 6051 and 6052 cutting presses
EP 04.04	Guiding rod for Elastocon EP 02 and EP 08 (included)

Other dies, according standards, or special shapes, available upon request.

ELASTOCON reserve the right to modify these specifications in part or in whole.