

MonTech P-VS 3000 M

Manual sample cutter

The P-VS 3000 M Lever Press

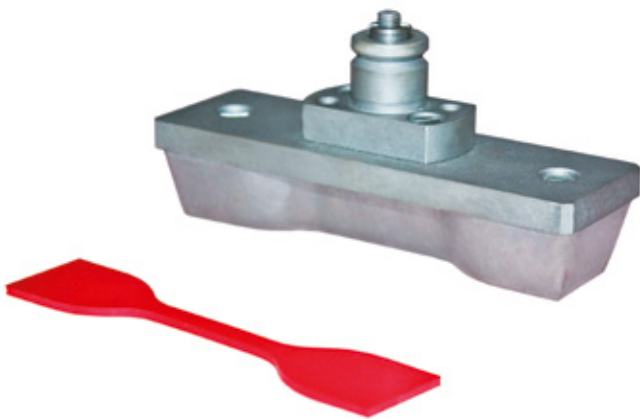
assures constant accuracy and precise cutting results. The cutter can conveniently be used for all types of ASTM, ISO, DIN, JIS cutting dies for all kind of samples made from rubber, leather and paper.

It allows easy, quick and convenient sampling with simplified operation.

The base as well as head of the P-VS 3000M cutter is made from precisely machined cast steel ensuring highest rigidity and best cutting results. An integrated height adjustment spindle allows a quick set-up and adjustment of the cutter to any height of cutting dies. Once a specific cutting height is the cutting head can easily be clamped and fixed in the particular position.

Cutting dies can easily be inserted in the precisely guided piston rod and simply clamped by a central locking screw.

The cutting table is built from durable PTFE material and fixed to a T-slot groove in the machine base. This design preserves the cutting dies from excessive wear as well as provides a solid work area.



Technical specification

Cutting force	3.8 kN
Cutting stroke	30 mm
Die height	20 - 150 mm
Throat depth	70 mm
Cutting area	120 x 80 mm
Max. material thickness / hardness	6 mm / 95 Shore A
Compatible cutting knives	Any ISO, DIN, ASTM and other standard die types
Dimensions (H x W x D)	380 mm x 120 mm x 180 mm
Weight	14 kg

MonTech P-VS 3000

Universal sample cutter



Universal sample cutter

for fast and precise preparation of sample test specimens for tensile tests and all other DIN, ISO and ASTM standard sample shapes from rubber, elastomers, foam rubber, plastic films, foils and paper.

The machine cuts the exact shape of the test samples using a powerful, direct pneumatic piston ram system.

For safe and easy operation, the universal P-VS 3000 sample cutter is equipped with a two-hand safety operation system.

Any type of cutting knife can be used with the P-VS 3000 sample cutter. Knives can be changed in seconds and cutting height can easily be adjusted on the upper piston ram.

Technical specification

Cutting force	8 kN
Cutting stroke	30 mm
Max. material thickness / hardness	8 mm / 95 Shore A
Reproducibility	0.1 %
Compatible cutting knives	Any ISO, DIN, ASTM and other standard die types
Dimensions (H x W x D)	440 mm x 300 mm x 380 mm
P-VS Sliding Dimensions (H x W x D)	460 mm x 300 mm x 1050 mm
Weight	50 kg
Pneumatics	min. 5.0 Bar



P-VS Options: Sliding table and multiple knife stations

Designed to simultaneously cut multiple samples from the same rubber sheet for increased productivity.



MonTech P-VS 3000 Plus 15 kN

High force sample cutting press



Universal sample cutter

for multiple-blade cutting station knives or tough materials requiring high cutting forces.

Whenever there is a need to save time and increase productivity by cutting multiple samples at the same time, P-VS 3000 is the ideal sample cutter.

Equipped with 2-hand anti-tie down control and completely pneumatic operation, sample cutting is made easy and safe.

The cutting force can be preset on the regulator unit, allowing enough cutting force to ensure precise and repeatable results while maintaining a long lifetime for the cutting knife.

By eliminating any need for electric or hydraulic supplies, the cutter can easily be hooked up almost anywhere, and can even be used in cleanroom environments because of the fully enclosed design.

Multi-station cutting knife - Three samples (S2) in one cut

Technical specification

Cutting force	15 kN
Cutting stroke	30 mm
Max. material thickness / hardness	10 mm / 98 Shore A
Reproducibility	0.1 %
Compatible cutting knives	Any ISO, DIN, ASTM and other standard die types
Dimensions (H x W x D)	690 mm x 300 mm x 380 mm
Weight	72 kg
Pneumatics	min. 5.0 Bar



Multi-station cutting knife

Machine table