

Competence creates Confidence.



• Model no. H3031-0100/0101

## MANUAL CUTTING PRESS

The extra-strong manual cutting presses in the H3031-0100/-0101 series are suitable for preparing test samples from various materials, such as rubber, foam, films and other plastics. The presses generate a high compression force of up to 30 kN over a short working stroke. The compression force is achieved with relatively little effort on the part of the operator.

ISO 527

ISO 6259



### Standard features

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| <ul style="list-style-type: none"> <li>The working height can be quickly adjusted using the standard height adjustment on the press head</li> </ul>                          | <ul style="list-style-type: none"> <li>The nominal force of the press can be achieved with relatively little effort</li> </ul>                 |
| <ul style="list-style-type: none"> <li>Factory-set pressure point</li> </ul>   | <ul style="list-style-type: none"> <li>Extra-stable construction of the press stand</li> </ul>   |
| <ul style="list-style-type: none"> <li>Silicone-free textured finish</li> </ul>  | <ul style="list-style-type: none"> <li>Hardened and sanded dowel</li> </ul>  |
| <ul style="list-style-type: none"> <li>Sanded press table</li> </ul>   | <ul style="list-style-type: none"> <li>Virtually maintenance-free</li> </ul>   |
| <ul style="list-style-type: none"> <li>Fine pressure point adjustment (DP) of 0.02 mm for adjusting the pressure point of the press directly on the dowel</li> </ul>         | <ul style="list-style-type: none"> <li>Micrometre stop (MICRO) for adjusting the stroke length to an accuracy of 0.01 mm</li> </ul>            |
| <ul style="list-style-type: none"> <li>Stroke limiter (HS) to prevent partial strokes</li> </ul>   | <ul style="list-style-type: none"> <li>Centric table bore (TB) for mounting the tool bases. Fixation is achieved using cross screws</li> </ul> |
| <ul style="list-style-type: none"> <li>Five-digit stroke counter (Z) for counting the strokes performed. This provides a simple overview of the quantity produced</li> </ul> | <ul style="list-style-type: none"> <li>Presses with different stroke lengths</li> </ul>  |
| <ul style="list-style-type: none"> <li>CE conformity</li> </ul>  |  |

### Version **MANUAL CUTTING PRESSES**

		H3031-0100	H3031-0101
Compression force	kN	15.0	30.0
Working stroke	mm	40	30
Thrust	mm	100	100
Working height	mm	43 - 164	52 - 230
Working height with DP	mm	29 - 150	34 - 264
Table size	mm	175 x 140	185 x 145
Groove width similar to DIN 650	mm	12	12
Dowel hole Ø x depth	mm	10 H7 x 30	10 H7 x 30
Dowel Ø	mm	30	30
Space requirement	mm	175 x 300	185 x 300
Weight	kg	Approx. 39	Approx. 46

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### The new generation of **PUNCHING KNIVES**

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- Easily replaceable blades  
reduce downtime
- No more costs for regrinding

The dumbbell punching knife is a punching knife with easily replaceable blades. This new generation of punching tools is ideal for manufacturing high-precision test rods, resulting in better and more consistent results. Each punching knife comes with a built-in ejector, a 5 set of replacement blades, replacement screws and the corresponding tool.