

The Arbor Press Specialist

By Professionals – for Professionals

Weidmann



Weidmann
Typ MV5
SWISS MADE

www.weidmann-maschinenbau.com



About us

Weidmann has been manufacturing arbor presses of the highest quality and precision in Switzerland for over 70 years, and these presses are in daily use in over 30 different countries all around the world. Not only can Weidmann arbor presses carry out any tasks involving pressing in or out, with pressures of 1.5 to 5 tonnes (depending on the type of press), they can also be used for broaching, straightening, pressing, bending, riveting, embossing or punching, and also for assembly work – particularly in the automotive and mechanical engineering industries. They are also frequently used in servicing, maintenance and repair workshops.

The robust construction of Weidmann arbor presses combined with large clearance heights and long strokes make them highly adaptable in use. Our gear spline shafts are made of high-quality, case-hardened steel and the bearing points on the drive shafts are ground and pressure-lubricated.

Weidmann arbor presses are distinctive because they are supremely easy to use; they need practically no maintenance and we guarantee the seamless provision of replacement parts at all times. Weidmann is the only manufacturer to fit all its arbor presses with a punch retention brake mechanism for safety; this prevents the punch descending of its own accord and minimises the risk of injury.

A turntable with four slots is included with every Weidmann arbor press, and our presses can be ordered with either a star or a ring handwheel. We can also supply them in customised colours by request. Full details and additional options for all the different types of press are provided on the following pages.

Type WP-Junior



Indispensable in any workshop

The WP-Junior model is fitted with a press punch made of high-quality hardened steel, which provide a maximum pressure of 1500 kg.

Technical Data

Pressure up to max.	1500 kg	Spindle thickness	40 mm
Capacity	210 mm	Table surface	245x200 mm
Inside height	420 mm	Recess in the table	55x90 mm
Stroke	420 mm	Rotary table with 4 slots	Ø 237 mm
Height	950 mm	Weight approx.	48 kg

Type WP-U-Junior



Suitable for extremely fine assembly operations

The WP-U-Junior model is fitted with a press punch made of high-quality hardened steel. Transmission gearing makes it possible to achieve a maximum pressure of 2000 kg with a minimum exerting force.

Technical Data

Pressure up to max.	2000 kg	Spindle thickness	40 mm
Capacity	210 mm	Table surface	245x200 mm
Inside height	420 mm	Recess in the table	55x90 mm
Stroke	420 mm	Rotary table with 4 slots	Ø 237 mm
Height	950 mm	Weight approx.	62 kg

Type HWP5



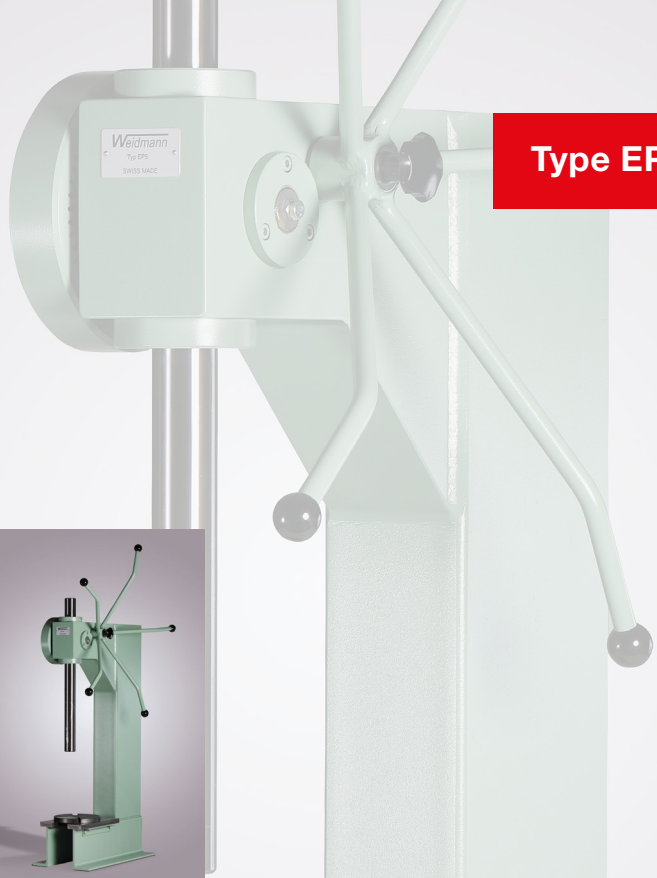
Exceptional performance in a compact design

The well-proven HWP5 model provides a maximum pressure of 5000 kg. This exceptional performance is achieved by using an ingeniously constructed gearing mechanism that produces a transmission ratio of 1:100 within a compact construction. Even at maximum loading levels, the solid structure of the cast-iron base guarantees that the press will suffer only minimal distortion.

Technical Data

Pressure up to max.	5000 kg	Spindle thickness	56 mm
Capacity	250 mm	Table surface	210x250 mm
Inside height	530 mm	Recess in the table	70x120 mm
Stroke	530 mm	Rotary table with 4 slots	Ø 237 mm
Height	1345 mm	Weight approx.	145 kg

Type EP5



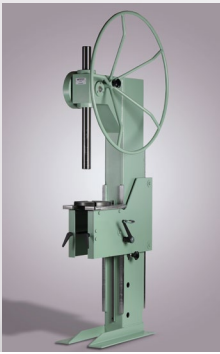
Generous inside height and capacity

The EP5 model can generate a maximum pressure of up to 5000 kg. This remarkable performance is achieved using a cleverly constructed gearing mechanism that produces a transmission ratio of 1:100 in a compact construction. The robust welded design of the base ensures minimal distortion of the press, even at maximum load. This press can also be used for larger workpieces without any difficulty, thanks to its generous inside height of 800 mm and capacity.

Technical Data

Pressure up to max.	5000 kg	Spindle thickness	56 mm
Capacity	315 mm	Table surface	250x360 mm
Inside height	800 mm	Recess in the table	82x125 mm
Stroke	530 mm	Rotary table with 4 slots	Ø 237 mm
Height	1650 mm	Weight approx.	145 kg

Type MV5



Includes an adjustable, 4-position table

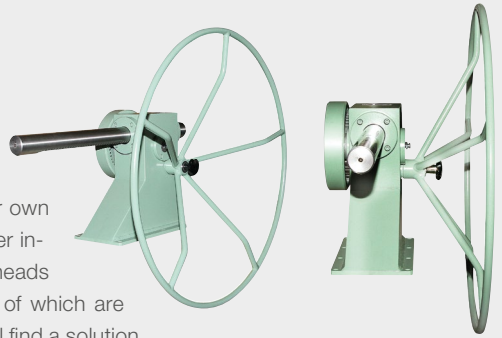
Type MV5 includes an adjustable table that is easy to set to any one of 4 positions using a hand crank, providing for a pressure of up to 5000 kg. This is made possible by a cleverly constructed gearing mechanism with a transmission ratio of 1:100. Thanks to its unique table guidance system, this press has an exceptional internal height of up to 1000 mm. The welded construction of the base, wide-set guides and strong table clamping system guarantee minimal press distortion.

Technical Data

Pressure up to max.	5000 kg	Spindle thickness	56 mm
Capacity	300 mm	Table surface	250x360 mm
Inside height	1000 mm	Recess in the table	82x125 mm
Stroke	530 mm	Rotary table with 4 slots	Ø 237 mm
Height	2100 mm	Weight approx.	215 kg

Customised presses

Thanks to our extensive experience, we can also produce customised presses. These products are based on our standard range of presses, but are manufactured to meet your own specific requirements, which might involve larger internal heights and projections, screw-on press heads or rotating presses for assembly lines – none of which are any problem for us. Simply contact us, and we'll find a solution.



Overview

Weidmann arbor presses are powered by manual effort alone and do not feature any lifting mechanisms. As a result, they are not subject to EU Machinery Directive 2006/42/EC and have been approved without a CE mark.



Technical Data	WP-Junior	WP-U-Junior	HWP5	EP5	MV5
Pressure (kg) max.	1500	2000	5000	5000	5000
Capacity (mm)	210	210	250	310	300
Inside height (mm)	420	420	530	800	1000
Stroke (mm)	420	420	530	530	530
Spindle thickness (mm)	40	40	56	56	56
Table surface (mm)	245x200	245x200	210x250	250x360	250x360
Recess in table (mm)	55x90	55x90	70x120	82x125	82x125
Height (mm)	950	950	1345	1650	2100
Table size (mm)	200x390	200x390	300x500	350x650	350x650
Weight (kg) approx.	48	62	145	145	215

Accessories

The following are available as individual equipment options by request, depending on the type of press involved.

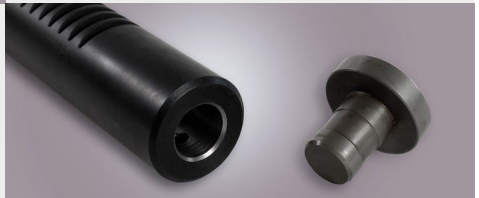
Ring wheel instead of star wheel



Location hole for punch/tools



Spindle hardened



Special colour



Stroke limitation





Recess in table 102 mm
or 120 mm



Spindle stroke 800 mm



Table WP-Junior
& WP-U-Junior



Table HWP5



Socket EP5 500 mm
or 600 mm



Weidmann Maschinenbau AG

Margarethenstrasse 27 | CH-8152 Glattbrugg | T: +41 (0)44 810 62 06 | F: +41 (0)44 810 87 81
info@weidmann-maschinenbau.com | www.weidmann-maschinenbau.com