

KNWP H Series

WORKSHOP PRESSES

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Everything for metalworking under one roof

KNUTH Machine Tools is a leading supplier of conventional and CNC machine tools. KNUTH is a global company with a presence in more than 30 countries.

In an area of 16.000 m² at our headquarters in Wasbek, Germany, we keep a complete selection of machines for all areas of machining and metal working ready for demos and quick delivery.



Open for you 24/7: Take a virtual tour through our warehouses, spare parts warehouses and workshop with Google Street View.

Quality Assurance for your KNUTH Machine

Quality by KNUTH Certified Quality Assurance

More than 1400 machines are shipped annually from our headquarters in Wasbek, Germany. Every machine has to pass a series of tests in our 5-level quality assurance process that covers everything from incoming quality control to alignment testing, and from functional, technical and geometric accuracy tests to the final acceptance test. These tests are conducted by our master technicians who use a dedicated customized data processing system for this purpose.

An ISO 9001 certified quality management system ensures continuous control and improvement of all quality-relevant activities. Design, development and precision of each individual machine are documented exactly in detailed inspection protocols and acceptance test logs.

All-Encompassing KNUTH Service Worldwide Reliability

Trust our global qualified staff take care of everything from installation and maintenance to repairs and upgrades quickly and professionally.



The Process of Making
a KNUTH Machine Tool



KNUTH Machines in Action

Visit our YouTube page to experience machines in action before the real-life test on site

Subscribe to our YouTube channel - Go to KNUTH Machine Tools!

Reliable service from a single source

We provide highly qualified technicians and engineers all over the world to ensure reliable service from one central source. And our global supplier network ensures prompt availability of replacement parts and consumables at a local level.



CONSULTATION

- Sample work pieces
- Machine demos



START-UP

- Installation / Commissioning
- On-site Instruction



TRAINING

- User Training
- Maintenance Training



PREVENTIVE MAINTENANCE

- Inspection
- Maintenance



REPAIR

- Machine Repair
- Spare Parts



MACHINE WARRANTY

- Protect Insurance

KNUTH Technical Service Help Desk

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KNUTH Parts Service

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Our Service Help Desk is available 24/7 online at: [knuth.de/servicedesk](https://www.knuth.de/servicedesk)

KNWP H Series

Motorized, with horizontal piston travel and prismatic blocks.



MOTORIZED HYDRAULIC DRIVE

HORIZONTAL PISTON TRAVEL

ADJUSTABLE TABLE HEIGHT

SET OF PRISMATIC BLOCKS

KNWP H Workshop Presses

Models

KNWP H 60 | 80 | 100 | 120
KNWP H 160 | 160L | 180 | 200

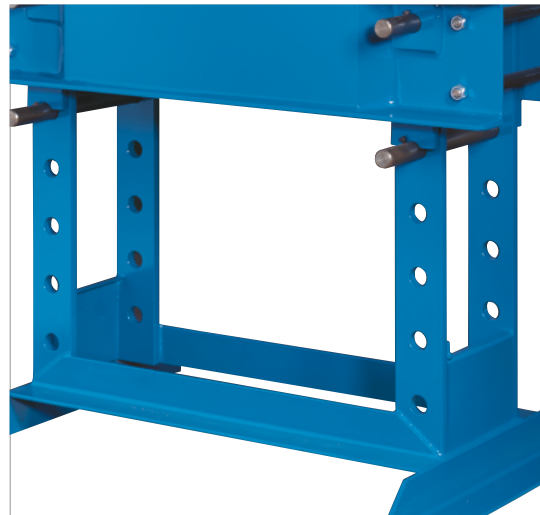
- This series of hydraulic workshop presses with motor drive are designed with a stable portal with adjustable, open support table and are suitable for applications such as pressing in and out bearings, for assembly and straightening work or for testing workpieces.
- The laterally positionable working cylinder facilitates set-up without the workpiece having to be moved. These presses are almost indispensable in technical workshops and maintenance departments.

Main Features

Machine construction

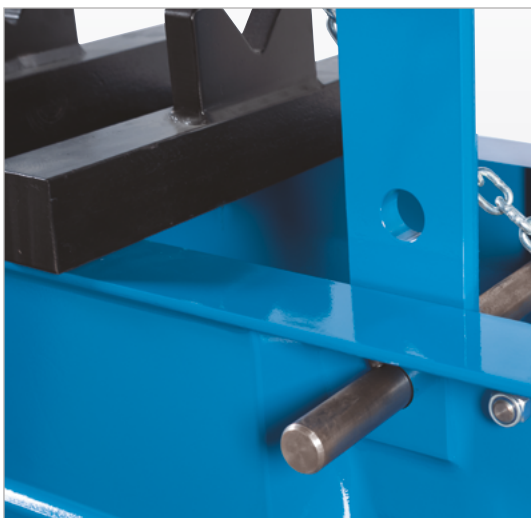


- This series has been designed for professional use, featuring a torsionally rigid welded gantry-style frame made of high quality steel.

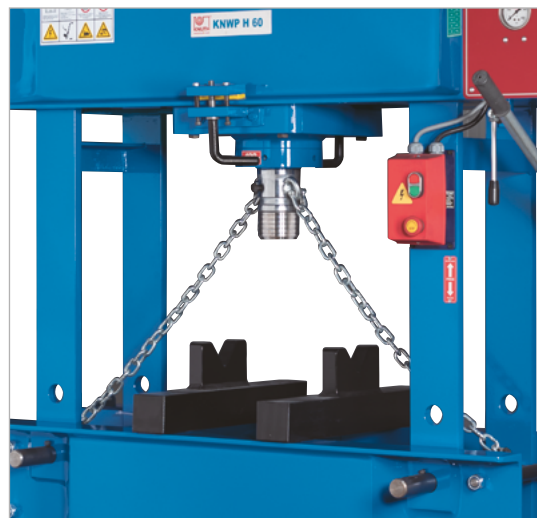


- The frames of machines are equipped with pinholes for a proper positioning of the worktable.

Support table



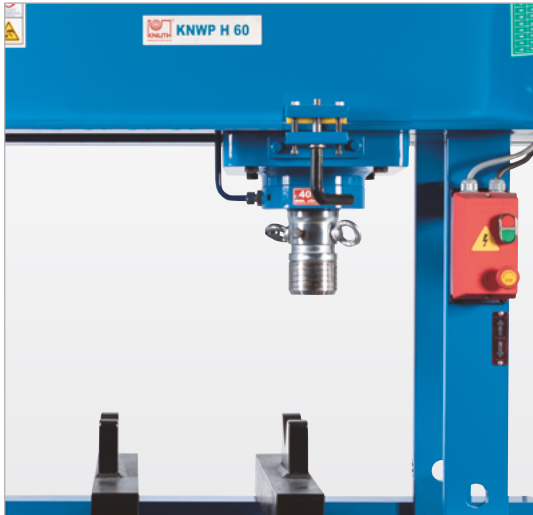
- Solid support table made from thick plates and connected to the frame by blocking pins
- The adjustable table can accommodate a variety of different workpieces



- The heavy table can be easily adjusted to different heights with the help of the hydraulic cylinder, which is linked to the piston via a chain.

Main Features

Hydraulic system

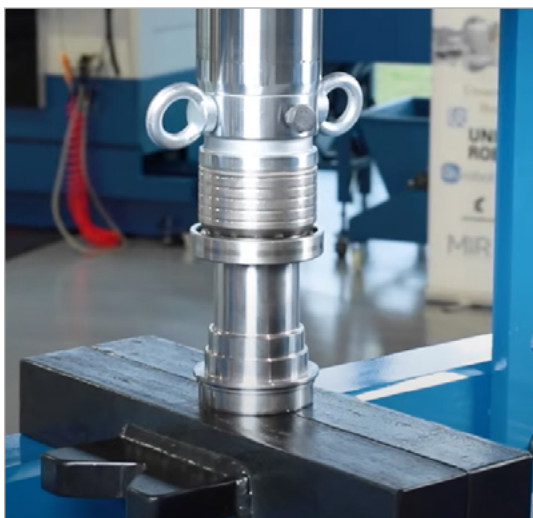


- The machine features a moving cylinder that facilitates the pressing point adjustment left-right, without moving the workpiece.
- As standard feature, the machine frame is equipped with an integrated monometer allowing full visualization of the working pressure.

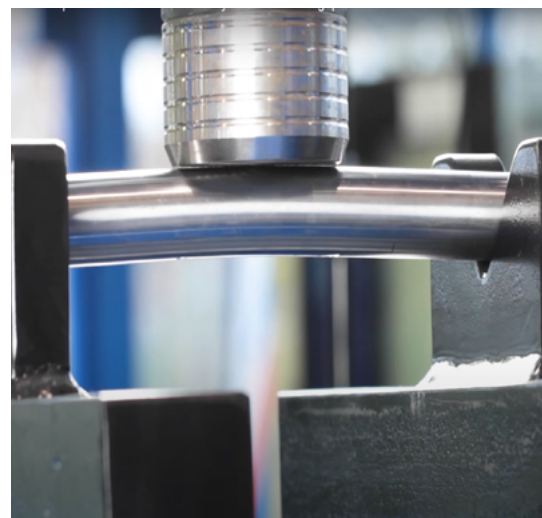


- Model is equipped with additional pressure regulation valve. Operator can manually adjust the pressing force applied on workpiece.
- In motorized mode, the piston control is done by the joystick.

Regular operations

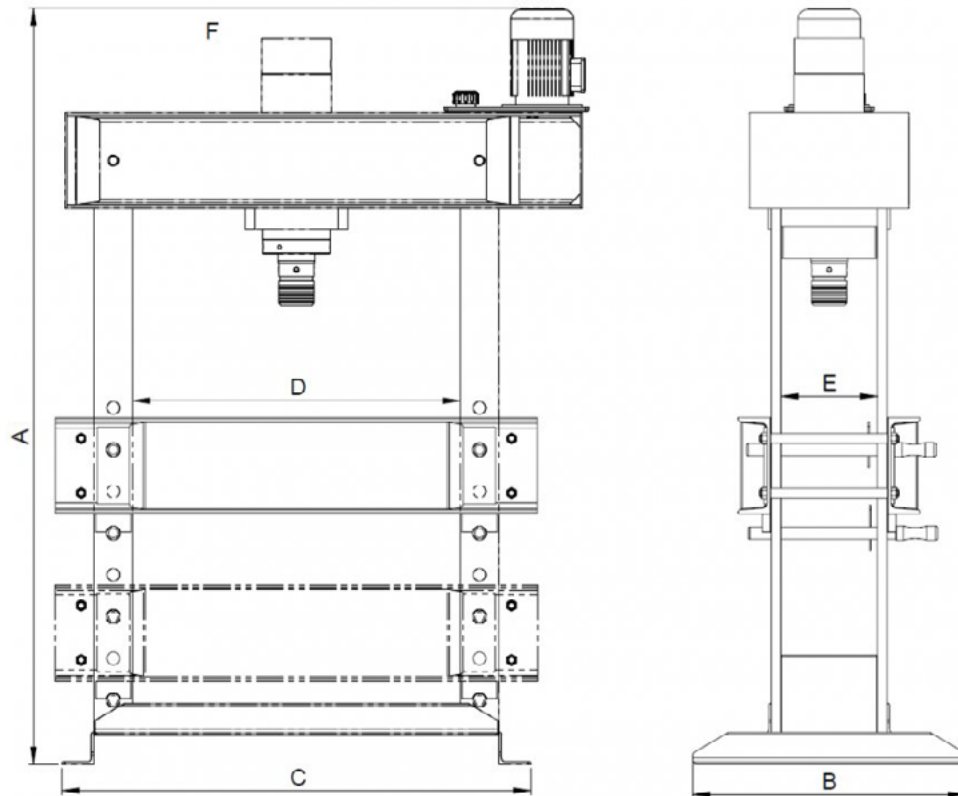


- Pressing and crimping.
- Trueing beams, shafts, axles and sections.
- Straightening of workpieces



- Removal and installation of press-fit bearings, bolts and bushings.
- Load tests and weld sample testing.

Technical data



Technical Data		KNWP H 60	KNWP H 80	KNWP H 100	KNWP H 120	KNWP H 160	KNWP H 160L	KNWP H 180	KNWP H 200
Working width	mm	830	930	1020	1020	1100	1550	1550	1550
Pressure force	t	60	80	100	120	160	160	180	200
Operating pressure (max.)	bar	400	400	400	400	400	400	400	400
Stroke	mm	400	400	400	400	400	400	400	400
Forward motion speed	mm/s	6.1	5.4	7.12	5.8	6.2	6.2	8	6.4
Press speed	mm/s	6.1	5.4	7.12	5.8	6.2	6.2	8	6.4
Return speed	mm/s	10	8.3	13.42	9.5	9.8	9.8	13.3	11.04
Motor rating hydraulic pump	kW	3	3	4	7.5	5.5	5.5	7.5	7.5
Hydraulic tank volume	l	6	6	11	11	15	15	22	22
Weight	kg	700	725	2450	1250	1300	1750	2100	2600
Art. No.		131770	131771	131772	131773	131774	131775	131776	131777

* Due to the process of constant improvement, products and product's data can change without notice.

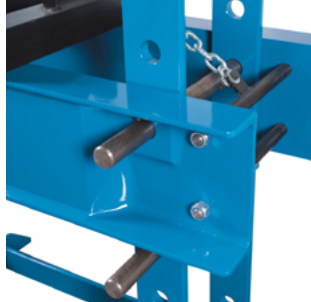
Standard Equipment

Movable working cylinder



- Piston can be moved left-right to change the position of the pressing point.

Height adjustable work table



- The support table can be easily adjusted at the desired height.

V-blocks



- Multi-function V-blocks which extend the range of possible operations.

Manometer



- Model is equipped with additional pressure regulation valve.

Operator instructions



- Installation instructions
- Operation and maintenance manual



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Subject to change without notice. Errors and omissions excepted.

