

Instruction Manual

Hydropneumatic shop press

30 T



Art. 38122



Please read these instructions carefully to ensure the safe and effective use of this tool.

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SAFETY INSTRUCTIONS

PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFETY INSTRUCTIONS AND WARNINGS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE OF WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE TO PROPERTY AND/OR SERIOUS PERSONAL INJURY.

PLEASE KEEP THIS INSTRUCTION MANUAL SAFE FOR FUTURE USE.

We've done all we can to assure this press offers the outmost in safety, but you have to do your part. No amount of warning can take the place of your good judgment, so make sure it's the first thing you bring to any job. Beyond that here are some obvious tips:

- Steel and others materials can shatter, so always use protective eye-wear that complies with the appropriate ANSI code.
- If you detect anything that may indicate imminent structural failure, stop using the press immediately and inspect it thoroughly.
- Bolt the press to the floor if it is to be used on bulky or unstable items.
- Do not use press to compress springs or any other item that could disengage and cause a potential hazard.
- Use a qualified person to maintain the press in good condition. Keep it clean for best and safest performance.
- Do not exceed the rated capacity. Never apply excessive force to a workpiece and always use the pressure gauge to accurately determine the applied load.
- Use this press for the purpose for which it is intended. DO NOT use it for any other purpose it is not designed to perform.
- Keep children and unauthorized persons away from the work area.
- Remove ill fitting clothing. Remove ties, watches, rings and other loose jewelry and contain long hair.
- Wear ANSI approved impact safety goggles, full-face impact safety shield and heavy-duty work gloves when operating the press.
- Keep proper balance and footing, do not over-reach and wear nonskid footwear.
- Only use this press on a surface that is stable, level, dry and not slippery, and capable of sustaining the load. Keep the surface clean, tidy and free from unrelated materials and ensure that there is adequate lighting.
- Inspect the press before each use. DO NOT use if bent, broken, cracked, leaking or otherwise damaged.
- Check to ensure that all applicable bolts and nuts are firmly tightened.
- Ensure that workpiece is center-loaded and secure.
- Keep hands and feet away from bed area at all times.
- Never stand directly in front of loaded press and never leave loaded press unattended.
- DO NOT operate the press when you are tired or under the influence of alcohol, drugs or any intoxicating medication.
- DO NOT allow untrained persons to operate the press.
- DO NOT make any modifications to the press.
- DO NOT use brake fluid or any other improper fluid and avoid mixing different types of oil when adding hydraulic oil. Only good quality hydraulic oil can be used.
- DO NOT expose the press to rain or any other kind of bad weather.
- If the press needs repairing and/or there are any parts that need to be replaced, have it repaired by authorized technicians and only use the replacement parts supplied by the manufacturer.

WARNING! The warnings, cautions and instructions discussed in this manual cannot cover all conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

BEFORE FIRST USE

- a) Before first use of this product, purge away air from the hydraulic system: open the release valve by turning it counterclockwise. Pump several full strokes to eliminate any air in the system.
- b) Check all parts and conditions, if there is any part broken, stop using it and contact your supplier immediately.
- c) If under plate (29) is not in the centre, loose the screw (23) slightly, then slide the under plate to the position you need and tighten the screw.

OPERATIONG INSTRUCTIONS

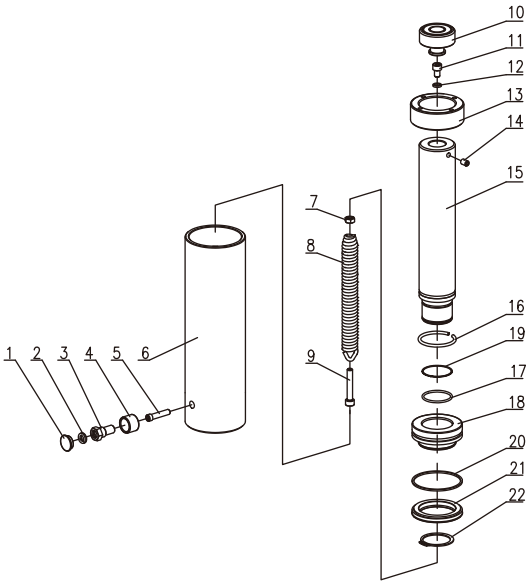
WARNING! ENSURE THAT YOU READ, UNDERSTAND AND APPLY THE SAFETY INSTRUCTIONS AND WARNINGS BEFORE USE.

- Place the heel block on bed frame, then insert workpiece onto the heel block.
- Connect the air inlet fitting into the shop air supply hose lock fitting, turn on the air valve (pistol) to let the pump work until the ram nears to the workpiece, then turn off the air valve (pistol) When air source is unavaliabe, use the handle to pump.
- Align workpiece and ram to ensure center-loading.
- Turn on air valve (pistol) (or pump the handle) to apply load onto workpiece.
- When work is done, turn off the air valve (pistol) (or stop pumping handle), slowly and carefully remove loadfrom workpiece by turning the release valve conterclockwise in small increments.
- Once ram has fully retracted, remove workpiece from bed frame.
- Disconnect the air inlet fitting from the air source.

MAINTENANCE

- Clean the outside of the press with dry, clean and soft cloth and periodically lubricate the joints and all moving parts with a light oil as needed.
- When not in use, store the press in a dry location with ram and piston fully retracted.
- When press efficiency drops, purge always air from hydraulic system as described before.
- Check the hydraulic oil; remove the oil filler nut on the top of the reservoir, if the oil is not adequate, fill with high quality hydraulic jack oil as necessary, then replace the oil filler nut, purge away air from the hydraulic system.

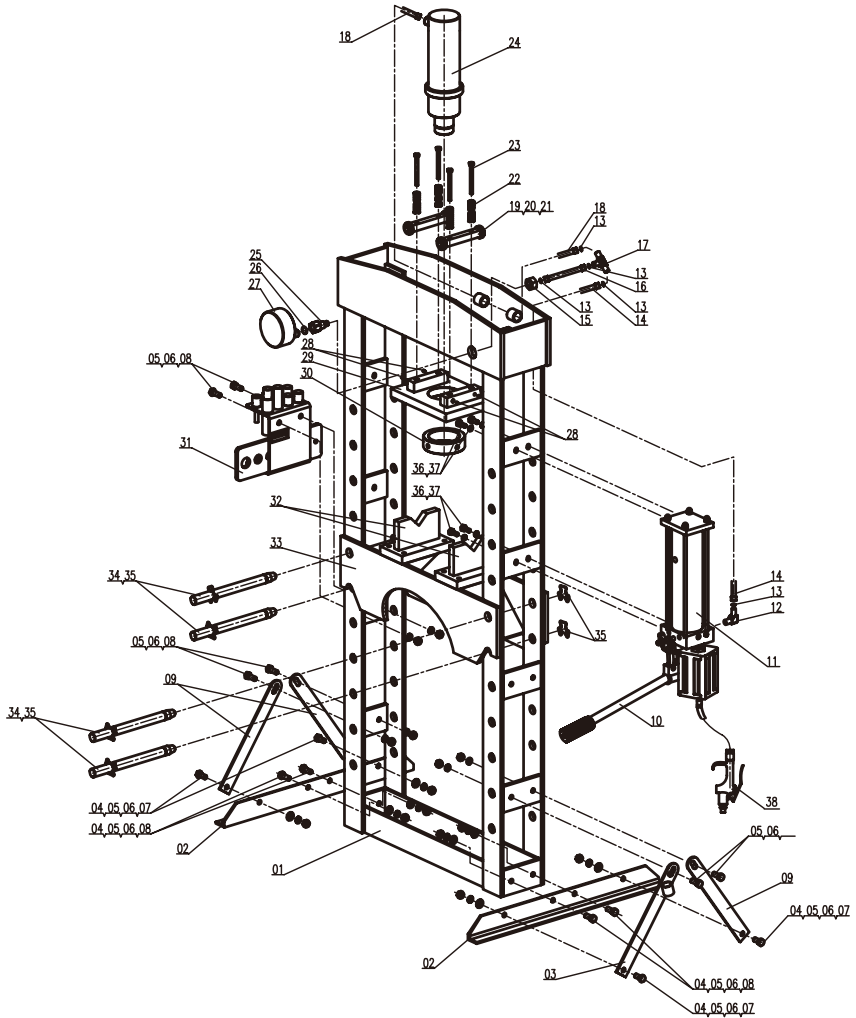
PART LIST
SHOP PRESS CYLINDER PARTS



No.	Description	QTY
1	Dust cup	1
2	O-Ring	1
3	Plug	1
4	Connector nut	1
5	Bolt	1
6	Cylinder	1
7	Nut M8	1
8	Spring	1
9	Bolt M8 x 50	2
10	Protecting cup	2
11	Nut bolt M8x10	1
12	Seal ring	1
13	Retainer nut	1
14	Bolt M8x10	1
15	Ram	1
16	Piston ring	1
17	O-ring	2
18	Piston ring	1
19	Nylon-washer	1
20	Back-up ring	1
21	Y-ring	1
22	Retaining ring	1

PART LIST

Use the exploded drawing as your guide to assemble. Lay all parts and assemblies out in front of you before beginning.



No.	Description	QTY	No.	Description	QTY	No.	Description	QTY	No.	Description	QTY
01	Connecting base	1	11	Hydraulic pressure pump	1	21	Washer	4	31	Press Pin Adapter Kit*	1
02	Base support	2	12	Connector	1	22	Spring	4	32	Press block set	2
03	Support beam A	1	13	O-ring	5	23	Screw bolt M6x10	1	33	Bed frame	1
04	Washer	14	14	Hose fitting	1	24	Press cylinder	1	34	Bed frame pin	4
05	Spring washer	14	15	Nut M20	1	25	Connector	1	35	Retaining ring	8
06	Nut M12	14	16	Hose fitting	1	26	Nylon seal	1	36	Screw bolt M10x25	4
07	Screw bolt M12x25	4	17	Connector	1	27	Press gauge	1	37	Spring washer	4
08	Screw bolt M12x30	10	18	Hose fitting	1	28	Screw bolt M5x8	4	38	Air blow gun	1
09	Support beam B	3	19	Roller shaft	2	29	Under plate	1			
10	Handle	1	20	Bearing	4	30	Round lifting ring	1			

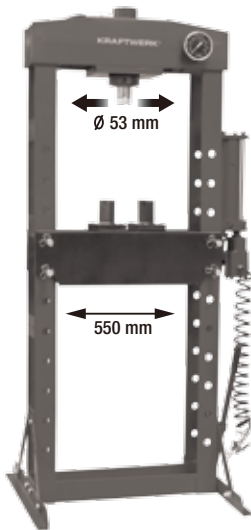
*Press Pin Adapter Kit (31) incl. connection material (5, 6, 8) is available separately

ASSEMBLY INSTRUCTIONS

Use the exploded drawing as your guide to assemble. Lay all parts and assemblies out in front of you before beginning. The following procedure is recommended:

- Attach one base support (02) to left post and lower connecting base (01) using spring washers (05), nuts (06), screw bolts (07) washers (04), then attach another to right post and the lower connecting base.
- Fix one end of support beam B (09) to the base support (02) and another end to the connecting base (01) using spring washers (05), nuts (06), screw bolts (07) and washers (04).
- Put another upper crossbeam into position and insert the under plate (29) to the two upper cross beams at the same time, then secure this cross beam to the posts using spring (22) and screw bolts (23).
- Screw the upper round nut onto the press cylinder (24), insert the press cylinder into the hole in the under plate (29), then screw the under round nut onto the press cylinder and attach the serrated saddle to the press cylinder.
- Insert bed frame pin (34) into the holes in the posts, then insert the joined press bed frame (33) into press frame and onto bed frame pin.
- Attach the hydraulic pressure pump (11) to the right post using screw bolts (36), spring washers (37). then insert the handle to the handle bracket.
- Connect the hose fitting (14) to the press cylinder (24) and assemble the press gauge (27) to the pressure gauge connection nut which is on the top of hose fitting (14).
- Tighten all bolts and screws.

PRODUCT DESCRIPTION



- Lateral movable cylinder with bearing (moving range: 200 mm)
- Pressure gauge with integrated housing
- Including par of V-blocks

Capacity:	30 t
Stroke:	150 mm
Work range:	1100 mm
Work width:	550 mm
Stamp-Ø:	53 mm
Product size:	1840 x 885 x 700 mm
N.W.:	165 kg

DECLARATION OF CONFORMITY

Model: **38122**

Hydropneumatic shop press 30 T

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Declares under sole responsibility that the product to which this declaration relates is in conformity with the following standard(s) or other normative document(s):

EN 1494: 2000+A1/2008

EN ISO 12100: 2010

EN ISO 13857: 2008

EN 349: 1993+A1/2008

Following the provisions of Directive(s)

Machinery Directive:

2006/42/EC

Bischoffsheim, 01/07/2016



Patrick Wyss
President

WARRANTY

We do not take responsibility for any damage caused by misuse or any use that is not in compliance with the safety standards described herein.

Customer services

Contact your local importer of your specialized dealer to obtain address of your service department.

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From date of purchase receipt
2 YEARS GUARANTEE
on material- or production-defects



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