Pro-Tech TOOLS

Hydraulic press 6t, 12t, 20t



Instructions for use

Translation of the original instructions

It is recommended to keep the instruction manual after reading it. It can be helpful in using the tool, checking and maintaining it.

PERSONAL SAFETY RULES

1. Stay alert and in control of your activity. If you feel tired, stop working immediately. Do not use the tool under the influence of alcohol, drugs or medication impairs concentration.

2. Make sure you wear the right clothes when working and don't forget to take off your jewellery. Loose clothing as well as excessively long hair can get caught in the moving parts of the tool.

3. Keep your balance and try not to fall when working.

4. Always wear protective gloves and goggles, non-slip boots and a safety helmet. This work safety.

RULES FOR SAFE USE

1. Use the tool for its intended purpose. Using it for activities other than by the manufacturer may render the tool dangerous and ineffective.

2. Keep the device out of the reach of children. The instrument can be dangerous in the hands of unqualified persons.

3. Before using the tool, check its technical condition. If you find any faults, do not start any work until they have been rectified by a qualified person.

4. If you use other accessories, use only those produced by the manufacturer. Using other accessories increases the risk of injury.

SPECIAL SAFETY RULES

• Make that all labels and stickers on the tools are clearly visible and legible. Do not tear them off or stick them on.

• Don't leave your hands on the workbench.

• Do not move an object that is already under pressure.

• Remove the load from the pad before performing maintenance.

• Tools must be placed on a stable and level surface.

• Make sure the worktop surface is clean before starting work. This will minimize the risk of the object being "loosened" by force.

• Release the pressure and stop working in a situation where defects appear on the workpiece.

• Do not leave the tool applying pressure to the workpiece.

• Do not compress springs or other flexible material.

• Do not exceed the nominal value of the instrument. It is 20 tons.

FINAL RECOMMENDATIONS

1. Do not overload the recommended value of the press.

2. Do not adjust the machine.

3. Do not use non-original spare parts.

4. Use the press as intended. NEVER use it for activities for which it was not intended.

5. Make sure the workpiece is centred and stable.

6. Do not use brake fluid or other inappropriate fluid to top up the hydraulic oil liquids.

7. Use only high quality hydraulic oils.

8. Do not expose the press to rain. Do not use the press to compress springs or other elements that may "come loose" and cause a potential hazard.

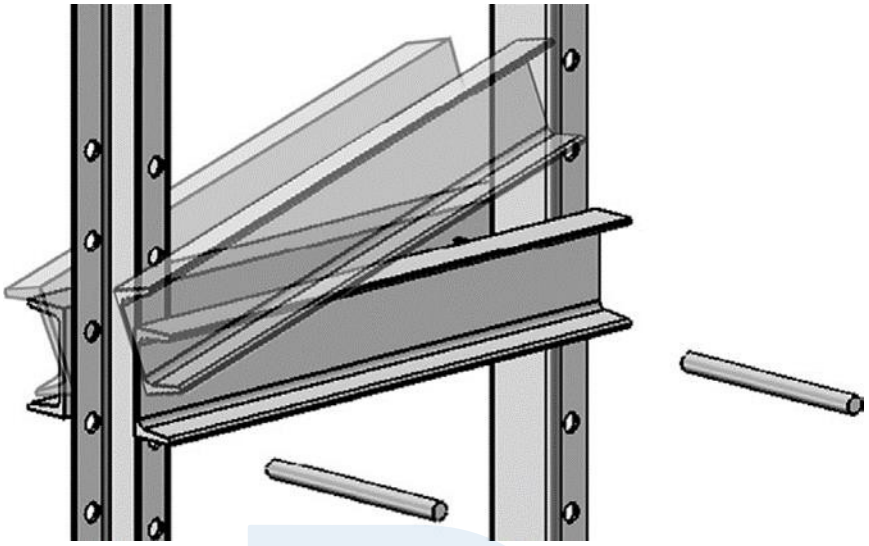
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WORKPLACE

The workplace must be well lit and clean. Workplace clutter is the most common cause of accidents.

If the press is located in the production hall, additional guards must be used to protect other employees from possible splinters in the event of workpiece breakage.

ASSEMBLY OF THE HYDRAULIC PRESS



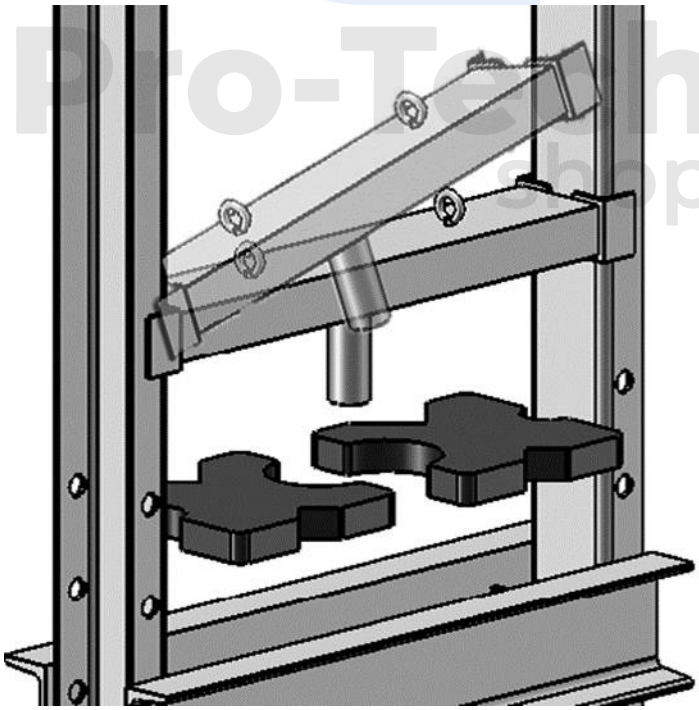


Figure 1 shows how a press table can be assembled.

It should be placed on the tool frame and secured with pins at any chosen level - as required.

Figure 2 shows the table assembly. Place it on the frame of the press and connect it to the springs on the lifter.

The clamping blocks must be firmly positioned on the press table.

WORKING WITH THE TOOL

1. Adjust the height of the table as necessary.

2. Check that the workpiece material is not damaged.

Check that there are no foreign objects on the press table that could pose a hazard during operation.

3. Place the workpiece on the clamping blocks.

4. While moving the handle, carefully apply pressure to the object, taking care not to exceed the nominal value.

5. When finished, lift the jack to release object and remove it from the press of the table.

PREPARATION FOR USE

Before using the tool for the first time, check the oil level in the jack and, if necessary, bleed it properly.

CORRECTION

1. All repairs and servicing must be carried out by a qualified person.

2. When using spare parts, use only original parts manufactured by the manufacturer.

3. Use only lubricants supplied with the tool or recommended by the manufacturer.

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HOIST DESIGN:



1. Base

2. Filling cap

3. Drain tap

4. Drain cap

Venting:

1. Remove the drain plug.
2. Turn the release cock counterclockwise.
3. Pump several times quickly using the handle.
4. Close the drain plug and complete the venting process.

MAINTENANCE

All repairs and part replacements should be done BEFORE using the tool.

This includes cracks in the structure, any kind of leakage, loose parts, missing parts and other damage.

Any damage must be repaired immediately by a qualified person. If any part or

the whole unit is not working , do not continue working. This increases the risk of

injury and renders the tool ineffective.

If the tool has been knocked over, crushed by a large load or other accident, it be checked immediately by a qualified service person.

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It is forbidden to use tools without prior inspection.

An annual inspection of the tools by qualified personnel is recommended.

This will allow you to detect and prevent future failures, increase the tool's service life and minimize the risk of injury during use.

Clean only with a clean, dry and soft cloth.

Regularly lubricate joints and all moving parts with light oil for normal operation.

DO NOT allow the frame and mounting blocks to be oiled. This reduces their stability and makes the tool dangerous to use.

When not in use, store the press in a dry place.

Release the pressure by opening the valve and pumping out the air.

STORAGE

In case of regular storage of the device, proceed as follows:

1. All unpainted metal parts should be protected against corrosion with a preservative or technical petroleum jelly.

2. Actuator release valve loose, will not squeeze the sealant.

3. The piston should be fully retracted.

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PROBLEM SOLVING

Problem: The jack does not work when pumping with the handle.

Solution: tighten the release valve.

Solution.

Solution: bleed the pump system exactly as described above.

Problem: Oil is leaking from the oil hole.

Solution: check the oil level. If there is too much, adjust the amount.

Problem: The piston "sticks" when it contacts the workpiece.

Solution: tighten the release valve.

Technical data

Model	LY-061	LY-062	LY-063
Pressing force	6t	12t	20t

Environment



If the baler is worn out it must be recycled, the frame is made of black steel, while the jack has seals and oil that must be recycled in accordance with local waste management regulations.

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