


HYDRAULIC PUNCH DRIVER

SAFETY INSTRUCTIONS

WARNING : When using  tools, the following safety instructions must be observed to reduce the risk of personal injury and property damage.

Please read and observe the following instructions before use.

1. **Keep work area clean :** An untidy and cluttered work area increases the risk of accidents
2. **Use eye protection :** Always use safety glasses or goggles. A face mask should also be worn when dust is generated.
3. **Wear suitable work clothes :** Don't wear loose fitting clothes or jewellery. They can be caught in moving parts and may cause injury. For outdoor work rubber gloves and non-stick footwear are advised. Wear a protective hair net to contain long hair.
4. **Guard against electric shock :** Avoid any body contact with grounded surfaces e.g. bars, radiators, stoves, and refrigerator enclosures.
5. **Keep children away :** Children should be kept away from the work area. Do not permit them to handle the tool or tool cable.
6. **Secure the work pieces :** Use clamps or a vice to hold work. This will free up both hands to operate the tool, which is safer.
7. **Don't overreach when working :** Keep a balanced footing at all times. Avoid abnormal stances and awkward body positioning.
8. **Do not overload or force tools :** Tools operate better in the specified performance ranges. Forcing the tool may cause motor damage.
9. **Check for damage :** Before further use always check the protection guards carefully to ensure proper operation and performance. Check for alignment of moving parts, binding of moving parts, breakage of parts, mountings and any other condition that may effect the tools operation. An authorised service dealer should properly repair all damaged parts unless otherwise indicated elsewhere in the instruction manual. Do not use the tool if the switch does not turn it on and off.
10. **Pull out power plug :** When changing accessories or when the tool is not in use.
11. **Avoid unintentional starting :** Do not carry tools by the switch. Always check that the switch is in the off position before connecting to power source.
12. **Don't abuse power cable :** Never carry the tool by the power cable. Do not use the power cable to pull the plug out of the power point. The cable should also be protected from heat, oil and sharp objects.
13. **Storage :** When not in use your power tools should be stored in a dry area, which is not accessible to children.
14. **Stay alert :** Do not use the tool when you are tired. Use common sense and watch what you are doing.
15. **Remove keys and spanners :** Do not forget to remove any adjustment keys, spanners and wrenches before switching on the tool.
16. **Voltage warning :** Before connecting the tool to the power source ensure the voltage specified on the nameplate is the same as the voltage supply. A power source with voltage greater than specified on the tool can cause serious injury and damage to the tool. Using a power source with voltage less than the tool rating can cause damage to the motor. Do not plug in tool if you are in doubt.
17. **Recommended use :** Please note the use of tools other than those described in instruction manuals or in the product catalogues can result in a risk of personal injury.

HYDRAULIC PUNCH DRIVER



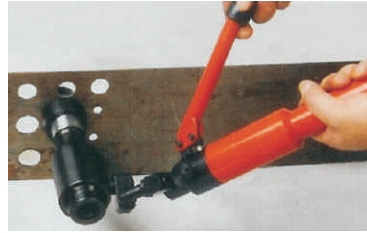
User's Instruction Manual Model : P-184

Note : Before using this Hydraulic Punch Driver carefully read through this INSTRUCTIONS MANUAL to ensure efficient, safe operation. It is recommended that these INSTRUCTIONS be kept readily available as an important reference when using this Hydraulic Punch Driver.

INSTRUCTION MANUAL OF HYDRAULIC PUNCH DRIVER

FEATURES :- Split-unit hydraulic hole puncher is combined with hand pump and machine tools. The hose is connected by quick connectors. It has the advantages of reliable seal, no limited work direction, easy installation and disassembly. It is specialized for angle steel, flat steel and other material's hole punching, especially for electrically and electric power building and other industry's filed operation.

Hand operated Hydraulic Punch driver is used to make hole with manual hydraulic pump with punch in Electric field when desired hole need in available junction box on any soft sheet M.S, Copper, Brass, Aluminium, PVC and fiber etc at sight without electricity and drilling.



The structure of brass cutter and brass cutter are more simple and reliable than others in the domestic. It have high quality and easy for repair.

It is suitable for auto-control distributor project for on-off case and distributor; it is easy for carry. Prod. No. 184 is a unique product for its flat brass cutter. Bend brass or bend Al with 90 degree will not hurt the bras material. Prod. No. 184A can be opened up when bending long brass sheet "N" shape or "L" shape can pull the lock out, so you can take the whole one freely. There is an indication of 90 degree and 45 degree.

SPECIFICATION :-

Prod. No.	184A
Punching Thickness < 3mm	16.5 - 60.8
Punching Thickness < 2mm	16.5 - 115.5
Crimping Force (Tons)	10
Stroke (mm)	25
Acces. Incl.	22, 27.5, 34.3, 43, 49, 60.8
(Round Punch) Dia (mm)	Small Rod, Big Rod & Gasket
Wt. (Kgs.)	8.130

Remark:-

1. Add 7# mechanical oil when the hand pump empty absorbed. The injected oil must be filtrated by 200# filtration net, in order to avoid the interfusion of impurity.
2. This tool also can be used with 63MPA eclectic pump.

INSTRUCTION MANUAL OF HYDRAULIC PUNCH DRIVER

Diagram of Hydraulic Punch Driver



PART DIAGRAM AND LIST

S.No.	Parts Desc.	S.No.	Parts Desc.
1.	Punching Tool	2.	Hydraulic Cylinder
3.	Hydraulic Hand Pump	4.	Movable Handle
5.	PVC Grip	6.	Hose Pipe
7.	Release Valve		