

HYDRAULIC GEAR PULLER INSTRUCTION MANUAL

INTRODUCTION : Overall puller is an ideal new product to replace for the traditional ratchet, it is of convenient operation, labor-saving use, compact structure, flexible use, light weight, small bulk handy carry it will not be restricted by and places, it is applicable for the factories and repair places.

SAFETY INSTRUCTIONS

WARNING : When using **INDER**[®] 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, iron sheet, radiators, stoves, and refrigerator enclosures.
6. **Keep children away :** Children should be kept away from the work area. Do not permit them to handle the tool or tool cable.
7. **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.
8. **Don't overreach when working :** Keep a balanced footing at all times. Avoid abnormal stances and awkward body positioning.
9. **Do not overload or force tools :** Tools operate better in the specified performance ranges. Forcing the tool may cause damage.
10. **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.
11. **Pull out power plug :** When changing accessories or when the tool is not in use.
12. **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.
13. **Storage :** When not in use your tools machine 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 storing the tool.
16. **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 GEAR PULLER

INDER[®]
HYDRAULIC



User's Instruction Manual Model : P-271A

Note : Before using this **Hydraulic Gear Puller** 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 Gear Puller.

WARRANTY CERTIFICATE



Product : HYDRAULIC GEAR PULLER

LIMITED ONE YEAR WARRANTY AGAINST MANUFACTURING DEFECT.

INDER Makes every effort to assure that its **Hydraulic Gear Puller** meet high quality and durability standards and warrants to the original purchaser that the product is free from defects in material and workmanship for the period of one year form the date of purchase. This warranty does not apply to damage due directly or indirectly to misuse, abuse, negligence or accidental repairs or alteration outside our lacliles, or to lack or indignance. We shall in no event be liable for death, injuries to person or property or for incidental contingent, special or consequential damages arising from the use of our product. Some states don't allow the exclusion or limitation of incidental or consequential dames, so the above limitation of exclusion may not apply to you.

To take advantages of this warranty, the product or part must be returned to us with transportation charges pre-paid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection very the defect, we will either repair or replace the product all elecllore or we may elect to refund the purchase price if we cannot readily and quickly provide you with replacement. We well return repaired products all our expense, but if we determine there is no defect, or that the defect resulted from caused no within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal right and you may also have other rights which vary from state to state.

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Prod. No.	271A
Pump Force (Tons)	20
Spread (mm)	350
Reach (mm)	200
Travel (mm)	50
Weight (Kgs.)	18.0

FUNCTION

1. Using new type of hydraulic gear puller is convenient for operating.
2. Workers can exchange two jaws and three jaws freely in the scene working.
3. The puller can be touched working center quickly after rotary according to the distance between puller and piston center.
4. It can be choosing pump freely.
5. The jaws with three can be adjusted from high to low point.

OPERATION WAY AND MATTERS NEEDING ATTENTIONS

1. First you must turn fastening oi return rod according to the clockwise when you use.
2. Clip hook seating adust to clip hook position and then pull the object.
3. Driving the piston forward-backward, starting rod goes stationary for ward, clip hook corresponding backward movement, the object is pulled out.
4. The starting rod of oil pressure pulling horse piston, effective space is only 50mm, when you use, the extension space can't be >50mm, when you don't pull it out, you stop doing it come loose oil return valve, let the starting rod of the piston return origin place. After you adjust correct place, you' ll repeat 1.2.3. steps the second time, you can't stop doing it until you pull it out.
5. Make the starting rod of the piston return it's place you gradually turn loose oil return valve rod according to negative direction only with groove cutting end of the handle. The starting rod of the piston return gradually. Under the function of the spring.
6. You must caculate the object needing force pulled it out before you use it. Choose the difference specification hydraulic pulling.