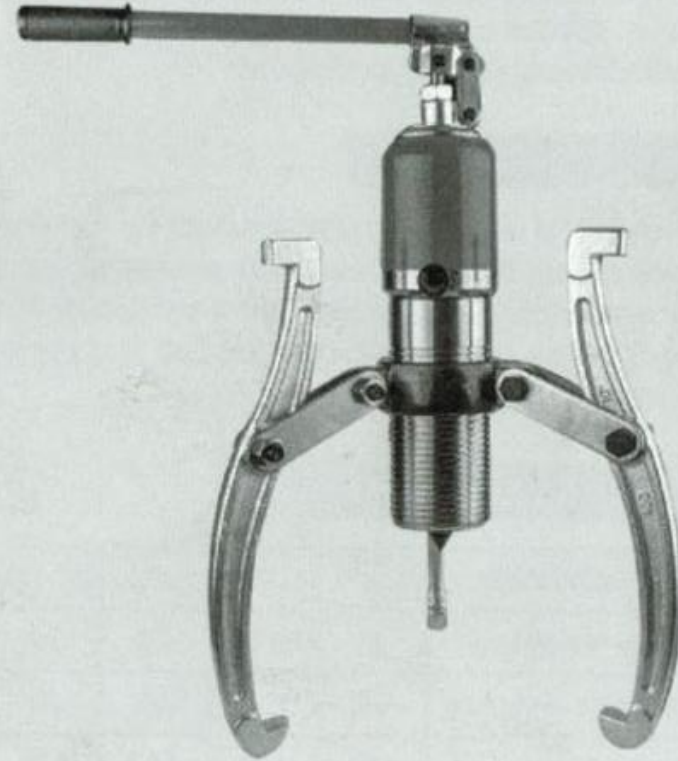


# HYDRAULIC PULLER

OPERATION INSTRUCTIONS



## OPERATION PRINCIPLE

Hydraulic pressure draw horse fill with post in pump as power source to drive horse's cylinder rod to move ahead. Hook claw flat can follow the fast regulate nut make the distance of adjusting go backwards to advance directly Lift hand handle swing from head to foot while operating,namely output high-pressure oil make the draw horse's cylinder rod move forward,Hook claw corresponding to go backwards,the objected is pulled out.

## RANGE OF APPLICATION

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

## PERFORMANCE PARAMETER

Type specification	YL-5T	YL-10T	YL-20T	YL-30T	YL-50T
Safety weight	5	10	20	30	50
Effectively axis distance	50	60	60	60	60
Max. vertical distance	140	160	200	230	400
Max Horizontal distance	200	250	350	400	500

## OPERATION METHOD

1. Oil valve stem screw tighten on deasil first when using.
2. Adjust hook claw to claw hook hold the objects.
3. Raise handle hand hole to lift filling pump upper and lower,corresponding to go backwards,claw hook have back and forth inside to insert,the object is pulled out to draw the quilt.
4. Cylinder rod form journey once is 60mm for the hydraulic pressure of drawing the horse,so can't be greater than 60mm while stretching the distance while using,when the work was not pulled out stop in time,lossen the oil valve stem,let the cylinder rod contract back,the second time repeated 1,2,3step after setting.
5. If want to make cylinder rod contract back,it only need go back to lossen the right valve stem in counterclockwise direction little to little,the cylinder rod has gone back to contract gradually under the function of the spring.
6. Should according to external diameter of the object,draw distance and load strength,choose corresponding hydraulic pressurs of tonnage draw horses before using,must guard against overloading to use,avoid damaging.
7. Last horse hydraulic pressure using in -5 degrees Centigrades-in 45 degrees Centigrades,adopt (CB443-84) by N15 machinery oil,in -20 degrees Centigrade -in -5 degrees Centigrade,adopt (CB442-64) formate the spindle oil.
8. In order to prevent to cause machines damage for overload,hydraulics setting set up overload to unload valve automatically,when the object at exceeding specified load,hydraulic pump will overflow oil automatically,work piece will dont retreat and enter,should reelect with large hydraulic pressure of tonnage draw horses at this moment.
9. While the customor are using,because of quality trully badlying causes or uses abnormallies,according to the invoice,our factory take care of chage in one month,the implement three guarantees in one vear.