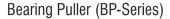
Puller Attachments operated with separate hand pumps Capacity: 10-100 tons Stroke: 50-150 mm Working Pr: 700 bar (Max)

Grip Puller (GP-Series)

Capacity	Attachment Model No.	Use With Hyd. Jack.	Reach Max.	Spread Max.
10	2GP 10	CHS 10	180	250
10	3GP 10	CHS 10	180	300
20	2GP 20	CHS 20	180	325
20	3GP 20	CHS 20	180	400
30	2GP 30	CHS 30	325	500
30	3GP 30	CHS 30	325	550
50	2GP 50	CHS 50	390	700
50	3GP 50	CHS 50	390	800
100	3GP 100	CHS 100	800	1200



Capacity	Attachment Model No.	Use With Hyd. Jack.	Reach Max.	Spread Min-Max.
10	BP 10	CHS 10	100	60-110
20	BP 20	CHS 20	150	90-215
30	BP 30	CHS 30	250	20-250
50	BP 50	CHS 50	400	50-400
100	BP 100A	CHS 100	625	100-500
100	BP 100B	CHS 100	795	150-850

Internal Puller (IP-Series)

Capacity	Attachment Model No.	Use With Hyd. Jack.	Reach Max	Spread Max
10	IP 10	CHS 10	100	15-100
20	IP 20	CHS 20	130	40-150
30	IP 30	CHS 30	150	65-180

Push Puller (PP-Series)

Capa	city	Attachment Model No.	Use With Hyd. Jack.	Reach Max	Spread Max	Tie-rod and Threading
1	0	PP 10	CHS 10	150	130-250	M16 x 2P
2	20	PP 20	CHS 20	240	150-300	M24 x 2P
3	30	PP 30	CHS 30	240	175-410	M24 x 2P
5	0	PP 50	CHS 50	340	200-410	M38 x 3P

All dimensions are in mm

The combination of hollow ram jacks, hand pump, gauge, flexible hose, center screw with speed nut, grip pullers (2 jaws and 3 jaws), push pullers, bearing puller and internal cup puller attachments forms a master puller. The versatile sets offer unmatched application in the maintenance and repair field. To make a Master puller set, choose the capacity required in the individual attachments.

Thumb rule for Puller selection

To determine the max. force required to overcome the resistance, multiply shaft diameter in mm. by 40 and multiply the results thereof by 8 which gives you capacity of the puller to be used in kgs. For tons. divide kgs. by 1000.

Caution: During using all puller attachments, use only 50% of the jack rated capacity. Use Goggles, helmet, hand gloves while working.

These puller attachments are combined with hollow jacks and other accessories for removing gears, bearings, pullers, pulleys etc.







