



Hydraulic Pullers

These hydraulic pullers eliminate time-consuming and unsafe hammering, heating or prying. Damage to parts is minimized through the use of controlled hydraulic power.

When selecting a puller it is important to consider 3 basic specifications:

- 1. The Capacity:**
 Is the amount of force the puller is capable of producing. Typically, the capacity required for a job can be determined by using the shaft diameter of the part being pulled. For manual pullers, the center bolt diameter of the puller should be at least half the diameter of the shaft being pulled from. For hydraulic pullers, the capacity in tons should be 0,28 to 0,4 times the shaft diameter in mm.

Puller Function	Capacity ton	Puller Type	Series	Page
	8-50	Master Puller Sets Max. Reach:252 - 700 mm Max. Spread:250 - 1100 mm	BHP 5751G Master Puller Sets	72
	8-50	Grip Puller Sets Max. Reach:249 - 700 mm Max. Spread:50 - 580 mm	BHP 551G Grip Puller Sets	73
	8-50	Cross Bearing Puller Sets Max. Reach:354 - 863 mm Max. Spread:266 - 570 mm	BHP 561G Cross Bearing Puller Sets	74
	8-50	Bearing Cup Pullers Max. Reach:110 - 145 mm Max. Spread:26 - 359 mm	BHP Bearing Cup Puller	75
	8-50	Bearing Pullers Max. Width:110 - 264 mm Max. Spread:10 - 245 mm	BHP Bearing Puller	75

Use the following chart:

Shaft Diameter	Puller Capacity
0 - 25 mm	10 ton
25 - 50 mm	20 ton
50 - 89 mm	30 ton
89 - 140 mm	50 ton

- 2. The Reach:**
 is the distance between the bottom of the base and the jaw flats. The puller's reach must equal or exceed the same distance of the part being pulled.
- 3. The Spread:**
 is the distance between the jaws. The puller's spread needs to be greater than the width of the part being pulled.

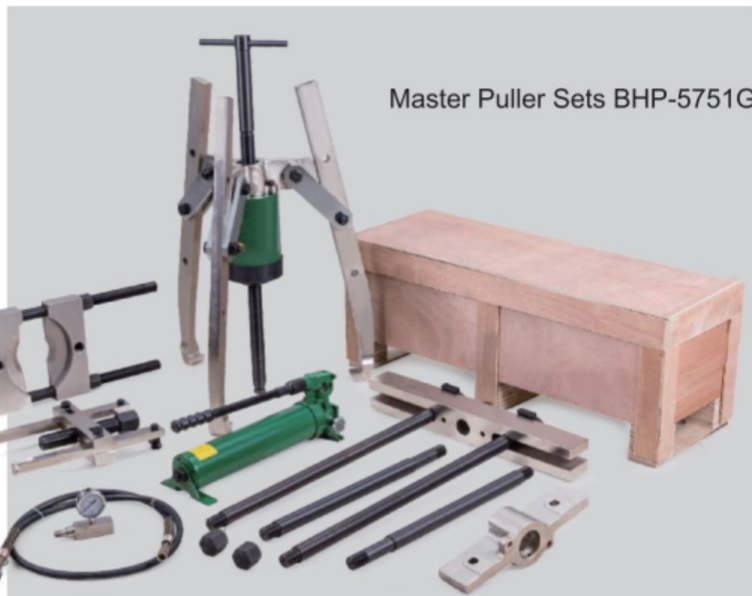


BHP-Series, Master Puller Sets



WARNING

Do not exceed 50% of the rated puller capacity when using a double crosshead (2 grip arms) or when using puller legs in combination with bearing puller attachment.



- Supplied with a full hydraulic set including pump, hose, cylinder, gauge, gauge adaptor and wooden case
- High quality, forged steel components provide superior reliability and service
- Sets include speed crank and adjusting screw for fast contact to work before hydraulics are applied
- All Master Puller Sets include a Grip Puller, a Cross Bearing Puller, a Bearing Cup Puller and a Bearing Puller Attachment, which can be ordered separately, see items nr. 10, 20, 30 and 50.

▼ SELECTION CHART

Master Puller Set Capacity *		8 ton	20 ton	30 ton	50 ton
Model Number		BHP-1752	BHP-2751G	BHP-3751G	BHP-5751G
Included Hydraulics					
Set Weight		37 kg	90 kg	172 kg	298 kg
• Hand Pump		P-392	P-392	P-392	P-80
• Cylinder		RCH-1211	RCH-202	RCH-302	RCH-603
• Saddle		-	HP-2015	HP-3015	HP-5016
• Hose		HB-7206QB	HC-7206	HC-7206	HC-7206
• Gauge		GF-120B	GF-813B	GF-813B	GF-813B
• Gauge Adaptor		GA-3	GA-3	GA-3	GA-3
Included Pullers					
10	Claw type wheel puller	BHP-1762	BHP-252	BHP-352	BHP-552
20	Cross position wheel puller	BHP-1772	BHP-262	BHP-362	BHP-562
30	Bearing sleeve wheel puller	BHP-180	BHP-280	BHP-380	BHP-580
40	Bearing wheel puller	BHP-181	BHP-282	BHP-382	BHP-582
• Wooden carton		CM-6	CW-350	CW-350	CW-750



Grip Puller Sets



Capacity: **8,20,30 and 50 ton**

Reach: **252-700mm**

Spread: **249-1100mm**

Maximum Operating Pressure: **700 bar**

- Precise hydraulic control allows fast, efficient and safe pulling
- High quality, forged steel components provide superior reliability and service
- Available with and without full hydraulic set.

▼ SELECTION CHART

Grip Puller Set Capacity**		8 ton	20 ton	30 ton	50 ton	
Model Number		BHP-152	BHP-251G	BHP-351G	BHP-551G	
Included Hydraulics						
Set Weight		22 kg	56 kg	91 kg	160 kg	
• Hand Pump		P-392	P-392	P-392	P-80	
• Cylinder		RCH-1211	RCH-202	RCH-302	RCH-603	
• Saddle		-	HP-2015	HP-3015	HP-5016	
• Hose		HB-7206QB	HC-7206	HC-7206	HC-7206	
• Gauge		GF-120B	GF-813B	GF-813B	GF-813B	
• Gauge Adaptor		GA-3	GA-3	GA-3	GA-3	
10	Grip Puller	Model Number	BHP-1762*	BHP-252*	BHP-352*	BHP-552*
Maximum Spread (mm)		2-jaw	249	400	593	899
		3-jaw	249	499	800	1100
Maximum Reach (mm)		2-jaw	252	300	387	700
		3-jaw	252	300	387	700
Jaw (mm)		Thickness	15	20	24	30
		Width	23	27	38	39
Adjusting Screw (mm)		Thread	¾" - 16 UNF	1" - 8 UNC	1¼" - 7 UNC	1" - 5.5 UNC
		Length	400	675	795	975
• Case			CW-166	CW-166	CW-350	CW-750



Cross Bearing Puller Sets



The cross bearing puller without hydraulics, bearing cup puller and a bearing puller can be ordered separately, see items nr. 10, 20, 30 and 40.

Capacity: **8, 20, 30 and 50 ton**

Reach: **354-863mm**

Spread: **266-570mm**

Maximum Operating Pressure: **700 bar**

- Precise hydraulic control allows fast, efficient and safe pulling
- High quality, forged steel components provide superior reliability and service.

Cross Bearing Puller Sets BHP-561G



SELECTION CHART

Cross Bearing Puller Set Capacity		8 ton	20 ton	30 ton	50 ton	
	Model Number	BHP-162	BHP-261G	BHP-361G	BHP-561G	
Included Hydraulics	Set Weight	26 kg	62 kg	121 kg	185 kg	
• Hand Pump		P-392	P-392	P-392	P-80	
• Cylinder		RCH-1211	RCH-202	RCH-302	RCH-603	
• Saddle		-	HP-2015	HP-3015	HP-5016	
• Hose		HB-7206QB	HC-7206	HC-7206	HC-7206	
• Gauge		GF-120B	GF-813B	GF-813B	GF-813B	
• Gauge Adaptor		GA-3	GA-3	GA-3	GA-3	
20	Cross Bearing Puller	Model Number	BHP-1772	BHP-262	BHP-362	BHP-562
	Spread (mm)	Maximum	266	351	454	570
		Minimum	106	139	179	220
	Reach (mm)	Maximum	462	571	711	863
	Adjusting Screw (mm)	Diameter	3/4" - 16 UNF	1" - 8 UNC	1 1/4" - 7 UNC	1 1/2" - 5.5 UNS
		Length	400	675	795	975
	Leg (mm)	Length	105	239	203	609
		Length	354	419	457	863
		Length	-	571	711	-
		Length	-	114	-	-
	Upper Leg Ends (mm)	Thread	3/4" - 16 x 25	3/4" - 16 x 25	1-14 x 35	1 1/4" - 12 x 38
	Lower Leg Ends (mm)	Thread	1" - 18 x 25	1" - 18 x 25	1-14 x 27	1 1/4" - 12 x 38
30	Bearing Cup Puller	Model Number	BHP-180	BHP-280	BHP-380	BHP-580
40	Bearing Puller	Model Number	BHP-181	BHP-282	BHP-382	BHP-582
	• Wooden Case		CM-6	CW-187	CW-350	MK-05



Bearing Cup and Bearing Pullers



Bearing Cup Puller



WARNING

Do not exceed 50% of the rated puller capacity when using a double crosshead (2 grip arms) or when using puller legs in combination with bearing puller attachment.

Capacity: **8,20,30 and 50 ton**

Reach: **110-145mm**

Spread: **110-359mm**

Maximum Operating Pressure: **700 bar**

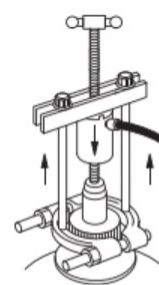
▼ SELECTION CHART

Capacity *		8 ton	20 ton	30 ton	50 ton
30 Bearing Cup Puller					
Model Number		BHP-180	BHP-280	BHP-380	BHP-580
Spread (mm)	Max.	110	220	359	359
	Min.	26	25	50	50
Reach (mm)	Max.	110	140	145	145
Center Screw	Thread	¾" - 16 UNF	1" - 8 UNC	1¼" - 7 UNC	1 ½" - 5.5

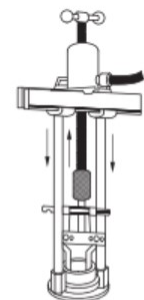
- Made of high strength steel alloy
- Easily adapted to Cross Bearing Pullers for fast and efficient removal of the most difficult parts
- Adjustable to fit a variety of bearings and seals.



Bearing Puller



Bearing puller With cross-positioning pullerUse together.



Bearing sleeve puller With cross-positioning pullerUse together.

▼ SELECTION CHART

		8 ton	20 ton	30 ton	50 ton
40 Bearing Puller					
Model Number		BHP-181	BHP-282	BHP-382	BHP-582
Spread (mm)	Max.	104	130	245	245
	Min.	25	9	17	17
Width (mm)		126	150	292	292
Thread		¾"-18 UNF	¾"- 18 UNF	1"- 14 UNS	1¼"- 12 UNF

- Made of high strength steel alloy
- Wedge-shaped edges steel alloy hard-to-grip components
- Easily adapted to Cross Bearing Pullers for fast and efficient removal of the most difficult parts.

* Puller capacity, not attachment capacity. See warning on this page.