

Puller Section Overview

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. 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.

Puller Function	Capacity ton	Puller Type	Series	Page
	8-50	Master Puller Sets Max. Reach: 252 - 700 mm Max. Spread: 250 - 1100 mm	BHP	 156 ▶
	8-50	Grip Puller Sets Max. Reach: 249 - 700 mm Max. Spread: 50 - 580 mm	BHP	 157 ▶
	8-50	Cross Bearing Puller Sets Max. Reach: 354 - 863 mm Max. Spread: 266 - 570 mm	BHP	 158 ▶
	8-50	Bearing Cup Pullers Max. Reach: 110 - 145 mm Max. Spread: 26 - 359 mm	BHP	 159 ▶
	8-50	Bearing Pullers Max. Width: 110 - 264 mm Max. Spread: 10 - 245 mm	BHP	 159 ▶
	2-40	Posi Lock® Mechanical Pullers Max. Reach: 101 - 355 mm Max. Spread: 12 - 635 mm	EP EPP EPX EPPMI	 160 ▶
	10-50	Posi Lock® Hydraulic Pullers Max. Reach: 203 - 355 mm Max. Spread: 304 - 635 mm	EPH EPHR EPHS	 164 ▶
	100	Posi Lock® Hydraulic Pullers Max. Reach: 1219 mm Max. Spread: 190 - 1778 mm	EPH	 167 ▶

▼ Shown: Master Puller Set BHP-3751G



Multi Purpose Puller Set



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



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- Supplied with a full hydraulic set including pump, hose, cylinder, gauge, gauge adaptor and wooden case
- All Master Puller Sets include a Grip Puller, a Cross Bearing Puller, a Bearing Cup Puller and a Bearing Puller Attachment
- 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.

Maintenance engineers throughout the industry greatly appreciate the Enerpac Master Puller sets ►



▼ SELECTION CHART

Master Puller Set Capacity *	8 ton	20 ton	30 ton	50 ton	Page:
Model Number ►	BHP-1752 ¹⁾	BHP-2751G	BHP-3751G	BHP-5751G	
Included Hydraulics Set Weight ►	37 kg	90 kg	172 kg	298 kg	
• Hand Pump	P-142	P-392	P-392	P-80	
• Cylinder	RWH-121	RCH-202	RCH-302	RCH-603	28 ►
• Saddle	–	HP-2015	HP-3015	HP-5016	29 ►
• Hose	HB-7206QB	HC-7206	HC-7206	HC-7206	124 ►
• Gauge	GF-120B	GF-813B	GF-813B	GF-813B	130 ►
• Gauge Adaptor	GA-4	GA-3	GA-3	GA-3	136 ►
Included Pullers					
10 Grip Puller	BHP-1762	BHP-252	BHP-352	BHP-552	157 ►
20 Cross Bearing Puller	BHP-1772	BHP-262	BHP-362	BHP-562	158 ►
30 Bearing Cup Puller	BHP-180	BHP-280	BHP-380	BHP-580	159 ►
40 Bearing Puller	BHP-181	BHP-282	BHP-382	BHP-582	159 ►
• Case	CM-6	CW-350	CW-350	CW-750	

¹⁾ Includes Adaptor FZ-1630.

* See warning on this page.

Grip Puller Sets

▼ Shown: Grip Puller Set BHP-351G



BHP Series



Capacity:

8, 20, 30 and 50 ton

Reach:

252- 700 mm

Spread:

249- 1100 mm

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

Ordering Example

Model Number BHP-251G:

includes Grip Puller BHP-252 and a full hydraulic set. (Hand pump, cylinder, saddle, hose, gauge and gauge adaptor).

Model Number BHP-252:

includes Grip Puller mechanical parts **only**, for use with your existing hydraulics.

▼ SELECTION CHART

Grip Puller Set Capacity**		8 ton	20 ton	30 ton	50 ton
	Model Number ►	BHP-152¹⁾	BHP-251G	BHP-351G	BHP-551G
Included Hydraulics	Set Weight ►	22 kg	56 kg	91 kg	160 kg
• Hand Pump		P-142	P-392	P-392	P-80
• Cylinder		RWH-121	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-4	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	³ / ₄ "- 16 UNF	1"- 8 UNC	1 ¹ / ₄ "- 7 UNC	1 ⁵ / ₈ "- 5.5 UNC
	Length	400	675	795	975

¹⁾ Includes Adaptor FZ-1630.

* Grip Puller order number without hydraulics.

** See warning on page 156.

Cross Bearing Puller Sets

▼ Shown: Cross Bearing Puller Set BHP-361G



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

BHP Series



Capacity:
8, 20, 30 and 50 ton

Reach:
354- 863 mm

Spread:
266 - 570 mm

Maximum Operating Pressure:
700 bar



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▼ SELECTION CHART

Cross Bearing Puller Set Capacity		8 ton	20 ton	30 ton	50 ton
	Model Number ►	BHP-162 ¹⁾	BHP-261G	BHP-361G	BHP-561G
Included Hydraulics	Set Weight ►	26 kg	62 kg	121 kg	185 kg
• Hand Pump		P-142	P-392	P-392	P-80
• Cylinder		RWH-121	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-4	GA-3	GA-3	GA-3
20 Cross Bearing Puller ²⁾	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 5/8" - 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	5/8" - 18 x 25	5/8" - 18 x 25	1-14 x 27	1 1/4" - 12 x 38
30 Bearing Cup Puller ²⁾	Model Number ►	BHP-180	BHP-280	BHP-380	BHP-580
40 Bearing Puller ²⁾	Model Number ►	BHP-181	BHP-282	BHP-382	BHP-582
• Wooden Case		CM-6	CW-186	CW-350	MK-05

¹⁾ Includes Adaptor FZ-1630.

²⁾ Can be ordered separately without hydraulic components, see next page.

Bearing Cup and Bearing Pullers

▼ Shown: BHP-380



Bearing Cup Puller

- 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.

BHP Series



Capacity:

8, 20, 30 and 50 ton

Maximum Reach:

110 - 145 mm

Spread Range:

110 - 359 mm

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**	Max.	110	220	359	359
	Min.	26	25	50	50
Reach**	Max.	110	140	145	145
	Center Screw Thread	3/4"- 16 UNF	1"- 8 UNC	1 1/4"- 7 UNC	1 5/8"- 5.5

* See warning on this page.



WARNING

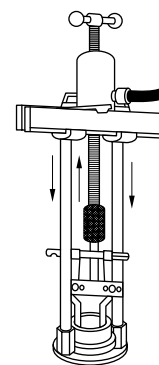
Do not exceed 50% of the rated puller capacity when using a double crosshead (2 griparms) or when using puller legs in combination with bearing puller attachment.

▼ Shown: BHP-382

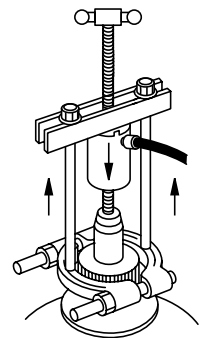


Bearing Puller

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



◀ Bearing Cup Puller shown with Crosshead Puller Attachment.



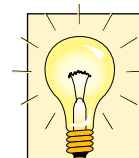
Bearing Puller shown with Crosshead Puller Attachment. ▶

▼ SELECTION CHART

Capacity*		8 ton	20 ton	30 ton	50 ton
40 Bearing Puller					
Model Number		BHP-181	BHP-282	BHP-382	BHP-582
Spread**	Max.	104	130	245	245
	Min.	25	9	17	17
Width**		126	150	264	264
Thread		5/8"-18 UNF	5/8"- 18 UNF	1"- 14 UNS	1 1/4"- 12 UNF

* Read warning on this page

** Dimensions are in mm.



Bearing Puller

Bearing Puller has wedge shaped edges for placing puller behind hard to reach bearings, gears, etc., where clearance prevents direct application of grip puller arms. The Bearing Puller can be used with the Cross Bearing Puller or the Grip Puller.

▼ Shown from left to right: EP-206, EP-108



- Patented 'Safety Cage' jaw retention system
- Roll threaded shafts for less effort when applying high torque
- Slim tapered jaws for improved gripping in tight spots
- Available in 2 and 3 jaw design and inside and outside pulling configuration
- More efficient pulling, as one man can do the job where manual pullers often require two operators.



◀ Positioning an EP-104 3-jaw puller on the accessory drive of a diesel engine.

For Safer and Faster Pulling



Long Jaws

Long Jaws are used to increase the reach and spread of manual pullers. They maintain the same pulling capacity as the standard jaws, but reduce clamping force to 25%.

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Shaft Attachments

Shaft protectors and extenders are live centers that fit over the standard puller shaft for tip protection and additional reach.

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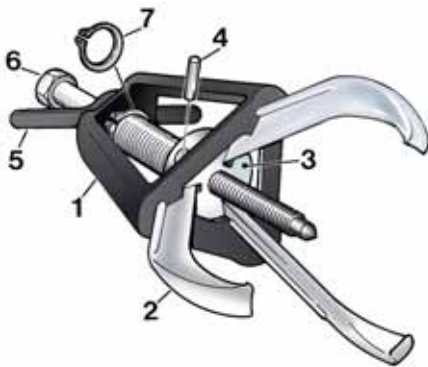


Application Tip

Because of the unique safety cage design, Posi Lock® pullers will grip on surfaces where normal pullers would slip off; e.g. tapered bearings.

Posi Lock® Mechanical Grip Pullers

Posi Lock® Pullers



- 1 Patented 'Safety Cage' guides jaws, holding them securely onto the part.
- 2 Durable forged jaws provide positive grip.
- 3 Jaw head provides pivot and reaction point for jaws.
- 4 Pin, for easy jaw removal and replacement.
- 5 T-handle provides control of the puller jaws.
- 6 Drive bolt with rolled threads for increased force with reduced input torque.
- 7 Snap-ring retains cage to drive bolt and provides quick removal for easy service.

EP EPPMI Series



Capacity:

2 - 40 ton

Maximum Reach:


101 - 355 mm

Spread Range:

12 - 635 mm

▼ QUICK SELECTION CHART EXTERNAL PULLERS

For quick technical information see next page.

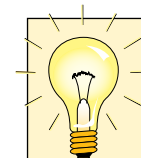
Number of Jaws	Maximum Reach	Spread (mm) min. - max.	Capacity ton (kN)	Model Number	Center Bolt Diameter	 (kg)
	(mm)				(mm)	
2	101	12 - 127	2 (17)	EP-204	14	1,4
3	101	12 - 127	5 (45)	EP-104	14	1,8
2	152	12 - 178	6 (53)	EP-206	16	3,2
3	152	12 - 178	10 (89)	EP-106	16	3,6
2	203	19 - 304	12 (106)	EP-208	20	5,4
3	203	19 - 304	17 (151)	EP-108	20	6,4
2	245	25 - 381	14 (124)	EP-210	20	5,9
3	245	25 - 381	20 (178)	EP-110	20	7,3
2	304	63 - 457	25 (222)	EP-213	29	17,2
3	304	63 - 457	30 (267)	EP-113	29	20,0
2	355	76 - 635	35 (311)	EP-216	31	25,8
3	355	76 - 635	40 (356)	EP-116	31	30,8



Always wear Safety Goggles while using pullers.



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Application Tip

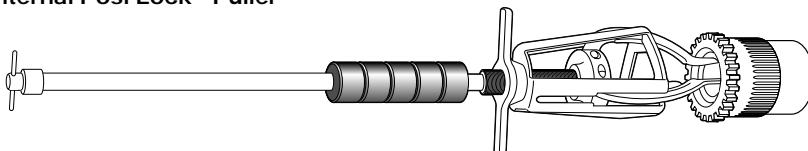
In determining the correct manual puller capacity for your application, use the following rule:

The center bolt diameter of the puller should be at least 1/2 the diameter of the shaft being pulled on.


Example:

A part being pulled from a shaft with a diameter of 38 mm would require a puller with a center bolt diameter of at least 19 mm.

Internal Posi Lock® Puller

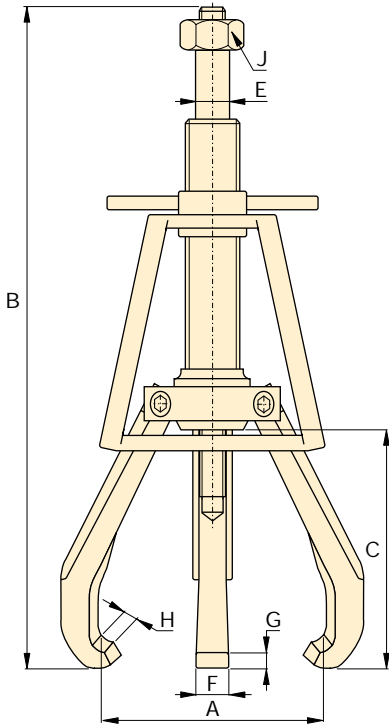


▼ QUICK SELECTION CHART INTERNAL PULLERS

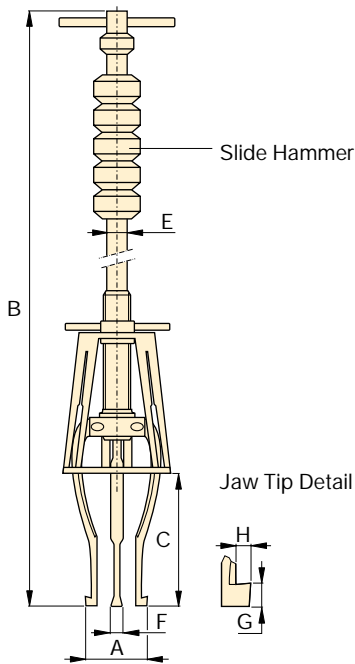
Number of Jaws	Maximum Reach	Spread (mm) min. - max.	Jaw Style	Model Number	Jaw Length	 (kg)
	(mm)				(mm)	
3	168	14 - 101	Standard	EPPMI-6	168	3,9
	218	25 - 133	Long		218	3,9



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2 and 3 Jaw External Puller EP-Series



Internal Puller EPPMI-6



▲ EP-204 2 jaw puller positioned to pull a water pump.

▼ **QUICK SELECTION CHART EXTERNAL PULLERS**

Number of Jaws	Maximum Reach (mm)	Spread (mm) min. - max.	Capacity ton (kN)	Model Number	Center Bolt Diameter (mm)	Maximum Torque (Nm)
3	101	12 - 127	5 (45)	EP-104	14	54
2	152	12 - 178	6 (53)	EP-206	16	102
3	152	12 - 178	10 (89)	EP-106	16	176
2	203	19 - 304	12 (106)	EP-208	20	203
3	203	19 - 304	17 (151)	EP-108	20	298
2	245	25 - 381	14 (124)	EP-210	20	237
3	245	25 - 381	20 (178)	EP-110	20	373
2	304	63 - 457	25 (222)	EP-213	29	644
3	304	63 - 457	30 (267)	EP-113	29	814
2	355	76 - 635	35 (311)	EP-216	31	1085
3	355	76 - 635	40 (356)	EP-116	31	1153

▼ **QUICK SELECTION CHART INTERNAL PULLERS**

Number of Jaws	Maximum Reach (mm)	Spread (mm) min. - max.	Jaw Style	Model Number	Jaw Length (mm)	Slide-Hammer weight (kg)
	218	25 - 133	Long		218	1,1

Posi Lock® Mechanical Grip Pullers



Shaft Attachments

Shaft protectors and extenders are live centers that fit over the standard puller shaft for tip protection and additional reach.



Long Jaws

Long Jaws are used to increase the reach and spread of pullers. They maintain the same pulling capacity as the standard jaws, but reduce clamping force to 25% of rating.

EP EPPMI Series



Capacity:

2 - 40 ton

Maximum Reach:

101 - 355 mm

Spread Range:

12 - 635 mm

Length (mm)	Dia-meter (mm)	Increases Center Bolt Length (mm)	Order: Model Number
25	19	9	EPP-4
50	19	38	EPX-4
31	22	12	EPP-6
50	22	38	EPX-6
31	25	12	EPP-10
50	25	38	EPX-10
50	35	21	EPP-1316

Spread (mm) min. - max.	Max. Reach (mm)	Order: Model Number
57 - 381	245	EP-11054
38 - 558	400	EP-11054L
38 - 762	508	EP-11354L
50 - 965	635	EP-11654L
25 - 133	218	EP-10554L*

* for EPPMI-6 only



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Dimensions (mm)									Model Number	Optional accessories		
Spread min. - max. A	Overall Length B	Max. Reach C	Center Bolt Diam. E	Jaw Width F	Tip Clearance G	Tip Depth H	Hex Socket Size (inch) J			Shaft Protectors	Shaft Extenders	Long Jaws
12 - 127	245 - 323	101	14	15	4,1	4,6	7/8"	EP-204	EPP-4	EPX-4	-	
12 - 127	245 - 323	101	14	15	4,1	4,6	7/8"	EP-104	EPP-4	EPX-4	-	
12 - 178	323 - 476	152	16	19	8,1	6,1	1 1/16"	EP-206	EPP-6	EPX-6	-	
12 - 178	323 - 476	152	16	19	8,1	6,1	1 1/16"	EP-106	EPP-6	EPX-6	-	
19 - 304	412 - 615	203	20	22	6,4	9,1	1 1/8"	EP-208	EPP-10	EPX-10	EP-11054	
19 - 304	412 - 615	203	20	22	6,4	9,1	1 1/8"	EP-108	EPP-10	EPX-10	EP-11054	
25 - 381	489 - 736	245	20	25	6,4	9,1	1 1/8"	EP-210	EPP-10	EPX-10	EP-11054L	
25 - 381	489 - 736	245	20	25	6,4	9,1	1 1/8"	EP-110	EPP-10	EPX-10	EP-11054L	
63 - 457	660 - 965	304	29	31	12,7	9,7	1 1/16"	EP-213	EPP-1316	-	EP-11354L	
63 - 457	660 - 965	304	29	31	12,7	9,7	1 1/16"	EP-113	EPP-1316	-	EP-11354L	
76 - 635	800 - 1155	355	31	36	13,5	11,7	1 3/16"	EP-216	EPP-1316	-	EP-11654L	
76 - 635	800 - 1155	355	31	36	13,5	11,7	1 3/16"	EP-116	EPP-1316	-	EP-11654L	

Note: Overall length (B) is dependent on position of center bolt.

Dimensions (mm)							Model Number
Spread min. - max. A	Overall Length B	Max. Reach C	Slide Rod Dia. E	Jaw Width F	Tip Clearance G	Tip Depth H	
14 - 101	736	168	14,2	8	3,0	1,5	EPPMI-6
25 - 133	787	218	14,2	8	7,6	4,6	



Always wear Safety Goggles while using pullers.

▼ Shown: EPHR-110



- Patented 'Safety Cage' jaw retention system
- High force hydraulic system for effortless pulling of large components
- Slim tapered jaws for better gripping in tight spots
- Available in 2 and 3 jaw design
- More efficient pulling, as one man can do the job where manual pullers often require two operators.



◀ An EPHR-116, 50 ton hydraulic Posi Lock® puller easily removes the main drive gear from this metal forming brake press.

High-Tech Pulling



Transport and Store

Conveniently stores and transports hydraulic pullers and accessories.

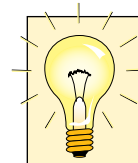
Order the **EPT-2550** Storage Cart and make your job easier to do!



Long Jaws

Used to increase the reach and spread of pullers. They maintain the same pulling capacity as the standard jaws, but reduce clamping force to 25%.

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Application Tip

Because of the unique safety cage design, Posi Lock® pullers will grip on surfaces where normal pullers would slip off; e.g. tapered bearings.



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Number of Jaws	Maximum Spread	Capacity	Model Number*
	(mm)		
2	304	10 (101)	EPH-208
3	304		EPH-108
2	381	15 (142)	EPH-210
3	381		EPH-110
2	457	25 (232)	EPH-213
3	457		EPH-113
2	635	50 (498)	EPH-216
3	635		EPH-116

* Cylinder is not included.

Posi Lock® Hydraulic Grip Pullers

▼ SETS SELECTION CHART

Style	Capacity (ton)	Basic Puller	Cylinder	Stroke (mm)	Pump Set	Set Model Number*	 (kg)
2 Jaw Puller	10	EPH-208	RC-106	152	-	EPHR208	10
	10	EPH-208	RC-106	152	EP-1E	EPHS208E	27
	15	EPH-210	RC-1510	254	-	EPHR210	22
	15	EPH-210	RC-1510	254	EP-1E	EPHS210E	38
	25	EPH-213	RC-2514	362	-	EPHR213	44
	25	EPH-213	RC-2514	362	EP-1E	EPHS213E	53
	50	EPH-216	RC-5013	336	-	EPHR216	87
50	EPH-216	RC-5013	336	EP-2E	EPHS216E	123	
3 Jaw Puller	10	EPH-108	RC-106	152	-	EPHR108	11
	10	EPH-108	RC-106	152	EP-1E	EPHS108E	28
	15	EPH-110	RC-1510	254	-	EPHR110	23
	15	EPH-110	RC-1510	254	EP-1E	EPHS110E	39
	25	EPH-113	RC-2514	362	-	EPHR113	48
	25	EPH-113	RC-2514	362	EP-1E	EPHS113E	57
	50	EPH-116	RC-5013	336	-	EPHR116	91
	50	EPH-116	RC-5013	336	EP-2E	EPHS116E	127

* Standard set EPHS models shipped with 230 VAC pump.

EPH Series



Capacity:

10-50 ton

Maximum Reach:

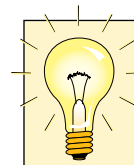
203-355 mm

Spread Range:

19-635 mm

Maximum Operating Pressure:

700 bar

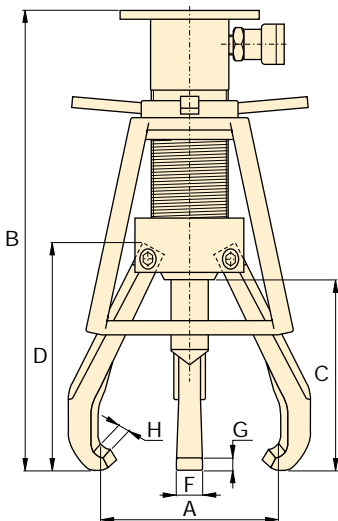






Pump Sets

All Posi Lock Hydraulic Puller Sets that include 230 VAC pumps, will feature the following components:

	EP-1E Pump Set	EP-2E Pump Set
Pump	PUJ-1200E	ZE4210ME
Hose	HC-7210	HC-7210
Gauge	G-2536L	G-2536L
Adaptor	-	GA-3




Components for 115 VAC pumps are available on request.



Dimensions (mm)							 (kg)	Model Number*	Accessories ¹⁾		
Spread min. - max.	Overall Length	Maximum Reach	Jaw Length	Jaw Width	Tip Clearance	Tip Depth					
A	B	C	D	F	G	H		Ram Point Sets	Lift Plates	Long Jaws	
19 - 304	498	203	237	22	7,4	6,9	6,4	EPH-208	EPH-155	EPH-11052	EPH-11054
19 - 304	498	203	237	22	7,4	6,9	7,3	EPH-108	EPH-155	EPH-11052	EPH-11054
25 - 381	665	245	270	25	11,2	9,1	10,0	EPH-210	EPH-155	EPH-11052	EPH-11054L
25 - 381	665	245	270	25	11,2	9,1	11,3	EPH-110	EPH-155	EPH-11052	EPH-11054L
63 - 457	846	304	348	31	12,9	9,7	21,3	EPH-213	EPH-257	EPH-11352	EPH-11354L
63 - 457	846	304	348	31	12,9	9,7	25,0	EPH-113	EPH-257	EPH-11352	EPH-11354L
76 - 635	919	355	413	36	15,0	11,7	40,8	EPH-216	EPH-508	EPH-11652	EPH-21654L
76 - 635	919	355	413	36	15,0	11,7	45,4	EPH-116	EPH-508	EPH-11652	EPH-11654L

¹⁾ See next page for details.

▼ RAM POINT SETS SELECTION CHART

Fits Puller Set Model Number	EPH-208, EPH-210 EPH-108, EPH-110	EPH-213 EPH-113	EPH-216 EPH-116
			
Ram Point Set ¹⁾ Model Number	EPH-155	EPH-257	EPH-508
Ram Points Included:	Ram Point Dimensions Diameter x Length (mm)		
Flat Ram Points	ø25 x 25	ø38 x 57	ø51 x 76
	ø25 x 76	ø51 x 57	ø70 x 76
	-	ø51 x 102	ø70 x 127
Tapered Ram Points	ø25 x 38	ø38 x 64	ø51 x 95
	ø25 x 89	ø51 x 64	ø51 x 95
	-	ø51 x 114	ø70 x 140
Ram Point Adaptor	-	-	ø70 x 57

¹⁾ Standard included in EPH-Series Posi Lock Pullers.



Always wear Safety Goggles while using pullers.



Visit the **Products** section of our web site for more information and product selection charts regarding puller sets and individual puller component parts.
www.enerpac.com



▼ LIFT PLATE SELECTION CHART

Fits Puller Set Model Number	Model Number *	Thickness (mm)	Diameter (mm)
EPH-208	EPH-11052	6,4	ø153
EPH-108	EPH-11052	6,4	ø153
EPH-210	EPH-11052	6,4	ø153
EPH-110	EPH-11052	6,4	ø153
EPH-213	EPH-11352	9,7	ø203
EPH-113	EPH-11352	9,7	ø203
EPH-216	EPH-11652	9,7	ø254
EPH-116	EPH-11652	9,7	ø254

* Mounting screws included. Lifting plates are standard included with EPH-Series Pullers.

◀ EPH-116 used to remove electric motor pullies. Puller is positioned using the Lift Plate.

▼ LONG JAW SELECTION CHART

Fits Puller Set Model Number	Model Number	Number of Jaws required	Spread (mm)	Reach (mm)	Weight (kg)
EPH-208	EPH-11054	2	57 - 381	246	1,1
EPH-108	EPH-11054	3	57 - 381	246	1,1
EPH-210	EPH-11054L	2	38 - 559	401	2,5
EPH-110	EPH-11054L	3	38 - 559	401	2,5
EPH-213	EPH-11354L	2	38 - 762	508	4,8
EPH-113	EPH-11354L	3	38 - 762	508	4,8
EPH-216	EPH-21654L	2	50 - 965	635	7,5
EPH-116	EPH-11654L	3	50 - 965	635	7,5



Long Jaws are optional accessories and used for added reach and spread. They have the same load capacity as standard jaws with 25% of the clamping force.

Posi Lock® 100 Ton Hydraulic Grip Pullers

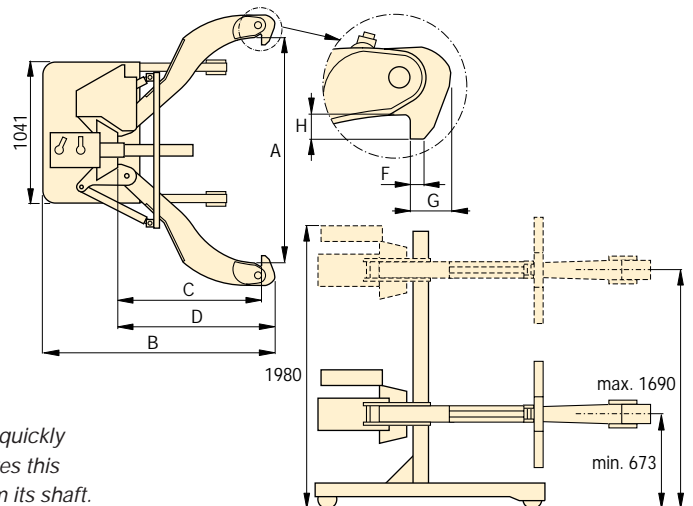
▼ EPH-1003E



- Roller cart with power lift
- Hydraulically actuated lift cylinder on cart extends puller from ground to a height of 1,7 m
- Adjustable jaw tips
- Puller easily detaches from cart
- Includes electric one stage pump with remote jog switch for fingertip control of the removal process
- Puller height range 673 to 1690 mm
- Multiple pushing adaptors included.



◀ The EPH-1003E quickly and easily removes this drive sheave from its shaft.



EPH Series



Capacity:
100 ton

Maximum Reach:
1219 mm

Spread Range:
190-1778 mm

Maximum Operating Pressure:
700 bar



Pushing Adaptors

All Posi Lock® 100 Ton Hydraulic Pullers include following pushing adaptors.

Diameter (mm)	Length (mm)	Model Number
89	737	EPHT-1162
89	483	EPHT-1163
89	229	EPHT-1164

Number of Jaws	Spread Range (mm)	Capacity ton (kN)	Model Number	Spread		Reach C (mm)	Jaw Length D (mm)	Jaw Width F (mm)	Tip Clearance G (mm)	Tip Depth H (mm)	Weight (kg)
				A (mm)	B (mm)						
2	190 - 1778	100 (890)	EPH-1002E	190 - 1778	1955	1219	1346	32	89	89	771
3	190 - 1778	100 (890)	EPH-1003E	190 - 1778	1955	1219	1346	32	89	89	907