

LG-SERIES LOCK-GRIP PULLERS

The simple, safe and cost-effective way to remove shaft-mounted parts



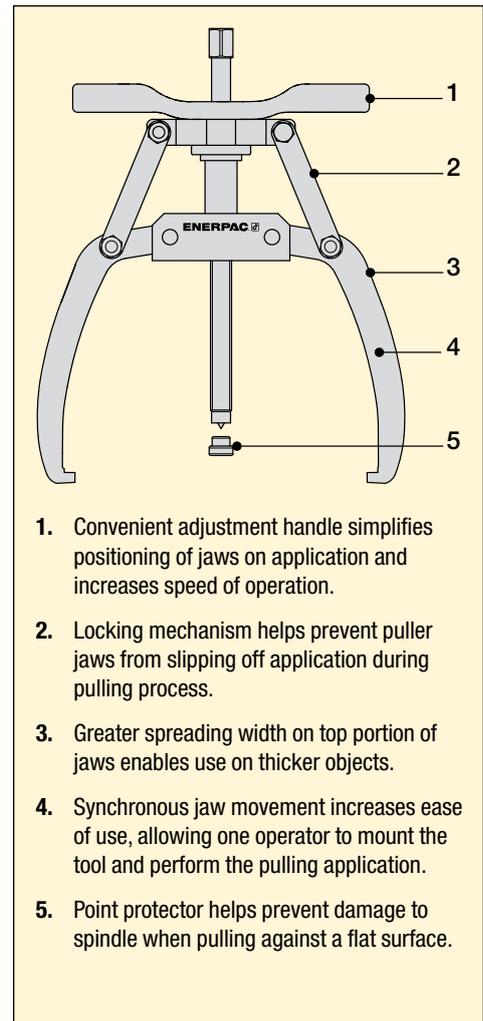
ENERPAC 

▼ 2 and 3-Jaw Mechanical Lock-Grip Pullers



- Quickly and easily mount on a wide range of applications
- Lock-on jaws offer a secure grip for safe and easy operation
- Synchronous jaw movement enables entire pulling job to be performed by a single operator
- Available in 2 and 3-jaw configurations.

▼ Lock-Grip Pullers – the simple, safe and cost-effective way to remove shaft-mounted parts.



LGM-Series, Mechanical Lock-Grip Pullers



LGM-Series, Lock-Grip Pullers

LGM-Series pullers are an ideal solution for pulling small to medium-size wheels, sprockets, bearings and other similar shaft-mounted parts. The puller's self-centering closing system allows all jaws to move simultaneously, making it easy for a single operator to mount the puller and to perform the application.

Turning the puller handle locks the jaws onto the application, allowing the desired object to be pulled free when the spindle is turned.

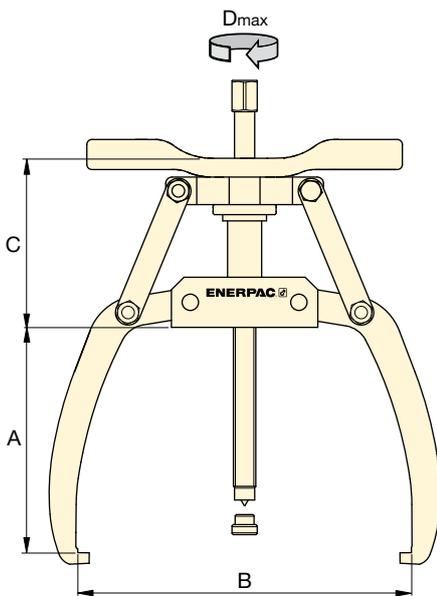
LGM Series



Puller Capacity:
3 - 40 ton

Maximum Reach:
102 - 335 mm

Maximum Spread:
132 - 635 mm



IMPORTANT!

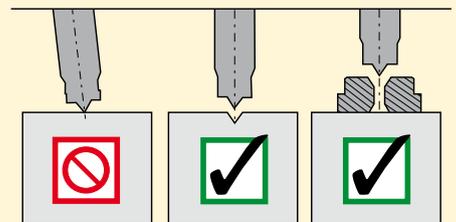
Always wear safety goggles and gloves while using pullers.



Point Protector

LGM-Series Pullers MUST be used with a point protector if the shaft end does not contain a drilled center hole.

One point protector is included with every puller.



▼ SELECTION CHART

Mechanical Puller Model Number	Maximum Reach A	Dimensions (mm)			Number of Jaws	Puller Capacity US ton (kN)	Maximum Torque Dmax (Nm)	Weight (kg)	Replacement Point Protector Part Number
		Minimum Spread Diameter B	Maximum Spread Diameter B	C					
LGM203	102	28	132	60	2	3 (27)	41	1,7	SGM0404
LGM305	102	28	132	60	3	5 (45)	68	2,1	
LGM204	142	30	186	90	2	4 (36)	68	2,5	
LGM306	142	30	186	90	3	6 (49)	100	3,1	
LGM207	177	35	260	134	2	7 (62)	117	4,9	SGM0704
LGM308	177	35	260	134	3	8 (71)	134	6,9	
LGM211	215	84	300	126	2	11 (98)	203	6,7	
LGM318	215	110	390	140	3	18 (160)	332	9,9	
LGM324	265	90	460	140	3	24 (214)	443	13,9	LGH14K6
LGM340	335	100	635	210	3	40 (356)	996	36,0	LGH24K6

▼ 2 and 3-Jaw Hydraulic Lock-Grip Pullers

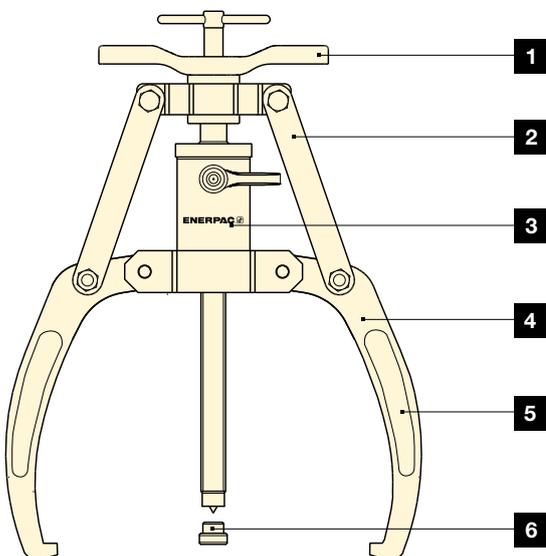
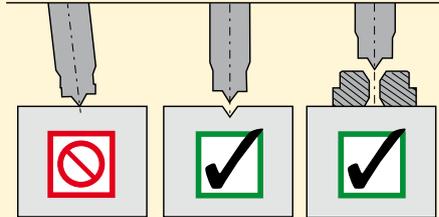


- Quickly and easily mount on a wide range of applications
- Hydraulically applied pulling force increases pulling capacity, reducing operator fatigue
- Lock-on jaws offer a secure grip for safe and easy operation
- Synchronous jaw movement enables entire pulling job to be performed by a single operator
- Available in 2 and 3-jaw configurations with or without a detachable hollow cylinder.



Point Protector

LGH-Series Pullers **MUST** be used with a point protector if the shaft end does not contain a drilled center hole. One point protector is included with every puller.



1. Convenient adjustment handle simplifies positioning of jaws on application and increases speed of operation.
2. Locking mechanism helps prevent jaws from slipping off application during pulling process.
3. Detachable hollow cylinder offers increased pulling capacity compared to mechanical alternatives.
4. Greater spreading width on jaws enables use on thicker objects.
5. Synchronous jaw movement increases ease of use, allowing one operator to mount the tool and perform the pulling application.
6. Point protector helps prevent damage to spindle when pulling against a flat surface.

LGH-Series, Hydraulic Lock-Grip Pullers



LGH-Series, Lock-Grip Pullers

LGH-Series pullers provide the same safety and ease of use as their mechanical counterparts, with the pulling force applied by a standard 700 bar hydraulic cylinder.

LGH-Series pullers can apply up to 64 tons of force and are perfect for removing larger shaft-mounted objects up to 660 mm diameter.

Turning the puller handle locks the jaws onto the application, allowing the desired object to be pulled free when the spindle is turned.

LGH Series



Puller Capacity:

10 - 64 ton

Maximum Reach:

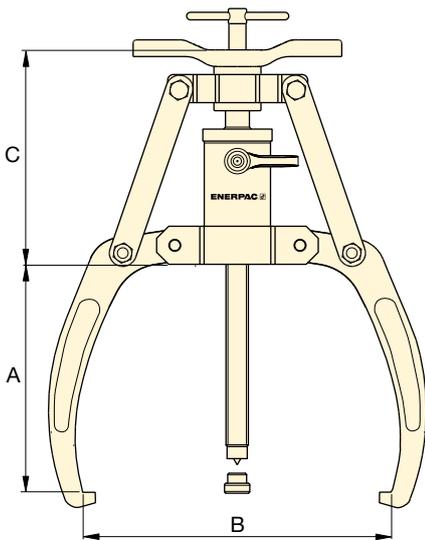
215 - 408 mm

Maximum Spread:

300 - 660 mm

Maximum Operating Pressure:

700 bar



IMPORTANT!

Always wear safety goggles and gloves while using pullers.



Hydraulic Pullers

LGH-Series Hydraulic Pullers include puller and hydraulic cylinder.

Hydraulic Puller Sets

LGH-Series Hydraulic Pullers Sets include hydraulic puller, pump, gauge and HC7206C hydraulic hose.

Choose pump options below.

▼ SELECTION CHART

Hydraulic Puller Model Nr ¹⁾	Dimensions (mm)				Number of Jaws	Puller Capacity	⚠	Replacement Point Protector Part Number	Hydraulic Puller Sets Model Number			
	Max. Reach	Minimum Spread Diameter	Maximum Spread Diameter						Hand Pump P392 Gauge Ass'y GA45GC	Air Pump XA11G Integrated Gauge	Electric Pump PUD1300E* Gauge G2535L	Cordless Pump XC1201ME* Gauge Ass'y GA45GC
	A	B	B	C								
LGH210	215	84	300	192	2	10 (92)	10	SGM0704	–	–	–	–
LGH310	215	84	300	192	3	10 (92)	13	SGM0704	LGHS310H	LGHS310A	LGHS310EE *	LGHS310CE *
LGH214	260	125	380	186	2	14 (125)	14	LGH14K6	–	–	–	–
LGH314	260	125	380	186	3	14 (125)	18	LGH14K6	LGHS314H	LGHS314A	LGHS314EE *	LGHS314CE *
LGH224	336	165	480	325	2	24 (215)	37	LGH24K6	–	–	–	–
LGH324	336	165	480	325	3	24 (215)	47	LGH24K6	LGHS324H	LGHS324A	LGHS324EE *	LGHS324CE *
LGH253	408	230	660	473	2	53 (467)	111	LGH253K6	–	–	–	–
LGH364	408	230	660	473	3	64 (576)	139	LGH253K6	LGHS364H	LGHS364A	LGHS364EE *	LGHS364CE *

¹⁾ Hydraulic puller models include cylinder. To receive puller without cylinder add "NC" after LGH (Example: **LGHNC210**).

* E = for 230V applications. For 115V applications change last suffix from E into B. Example **LGHS310EB**.

Master Puller Sets include a hydraulic puller, cylinder, a pump with hose and gauge for standard pulling applications, as well as a selection of accessories designed for work environments where clearance prevents a direct application of the puller jaws.



Lock-Grip Pullers:

All sets come with a hydraulic LGH-Series Puller. Both two jaw and three jaw versions are available.



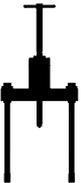
Detachable Hollow Cylinder:

Provided with all hydraulic pullers as well as the Cross Bearing Puller.



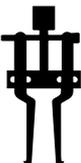
Pump with Hose and Gauge:

Hydraulic Puller Sets and Master Puller Sets are supplied with a hose, gauge, and your choice of a hand, air, electric or battery-powered cordless pump.



Cross Puller:

Hydraulically powered via a detachable hydraulic cylinder and pump. The Cross Puller can be used individually as a 'push' puller, or in conjunction with the Bearing Separator or Bearing Cup Puller.



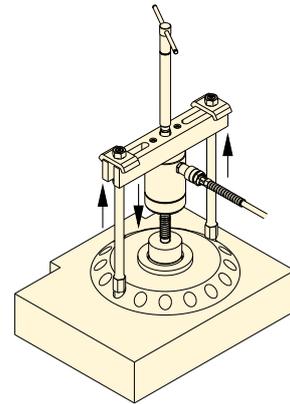
Bearing-Cup Puller:

Specifically designed to pull cup style bearings and other applications requiring an internal style puller.

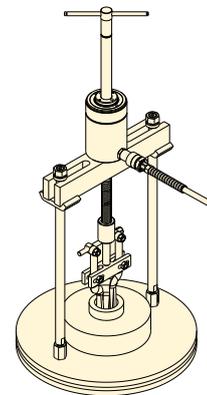


Bearing Separator (used with Cross Bearing Puller):

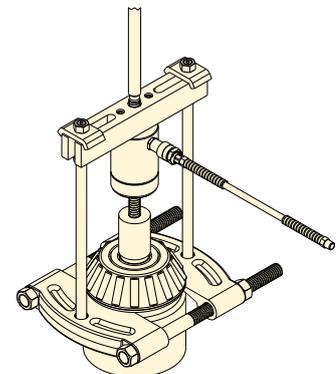
Features narrow edges, which enable puller to be placed behind hard to reach bearings, gears, etc., where limited clearance prevents the direct application of puller arms.



▲ Cross Bearing puller on application



▲ Cross Bearing Puller with Bearing Cup Puller on application



▲ Cross Bearing Puller with Bearing Separator on application

▼ DIMENSIONAL INFORMATION

Model Number	Cross Bearing Puller (mm)			Weight (kg) *
	A	B min.	Thread Size C	
BHP112	280	115	5/8"-18 UNF	2,0
BHP172	280	115	5/8"-18 UNF	2,1
BHP272	370	140	5/8"-18 UNF	2,4
BHP672	615	220	1 1/4"-12 UNF	6,4

Model Number	Bearing Separator (mm)				Weight (kg)
	A	B min.	B max.	Thread Size C	
BHP181	110	10	110	5/8"-18 UNF	2,8
BHP282	156	12	134	5/8"-18 UNF	5,7
BHP292	182	13	210	5/8"-18 UNF	12,5
BHP682	300	20	300	1 1/4"-12 UNF	43,5

Model Number	Bearing Cup Puller (mm)				Weight (kg)
	A	B	C min.	C max.	
BHP180	135	236	40	145	2,0
BHP190	164	265	40	145	2,0
BHP280	164	265	40	145	2,4
BHP580	150	310	60	240	6,4

* With slotted crosshead, cylinder and spindle.

Hydraulic Lock-Grip Master Puller Sets

▼ LGHMS Master Puller Set with Hand Pump Option



LGHMS Series

Puller Capacity:
10 - 64 ton

Maximum Reach:
215 - 408 mm

Maximum Spread:
300 - 660 mm

Maximum Operating Pressure:
700 bar



Puller Dimensions

See dimensional information for LGH-pullers on page 5.
For dimensions of BHP-puller attachments, see page 6.



LGH-Series, Hydraulic Pullers

Hydraulic Pullers include puller and hydraulic cylinder.

LGHMS-Series, Hydraulic Master Puller Sets

Hydraulic Master Pullers Sets include LGH-hydraulic puller, pump, gauge and HC7206C hydraulic hose.
Choose pump options below.

- All LGHMS-Series Master Puller Sets include an LGH-Series Hydraulic Puller with 3 jaws, a Cross Puller, a Bearing Separator, a Bearing Cup Puller, a detachable Hollow Cylinder, a hose, a gauge and a pump
- Set options include hand, air, electric or battery-powered pump for an optimal solution to every application.



WARNING!

Enerpac hydraulic pullers can be operated upto 700 bar. When using accessories, hydraulic pressure **MUST BE LIMITED** to maximum capacities below.

▼ SELECTION CHART

Hydraulic Puller Capacity	Hydraulic Master Puller Sets Model Numbers				Master Puller Sets include following components					
							Maximum Capacity Accessories	Cross Puller Model Nr.	Bearing Separator Model Nr.	Bearing Cup Puller Model Nr.
	Hand Pump P392 Gauge Ass'y GA45GC	Air Pump XA11G Integrated Gauge	Electric Pump PUD1300E* Gauge G2535L	Cordless Pump XC1201ME* Gauge Ass'y GA45GC	Hydraulic Hose Model Nr.		US-ton (kN)			
10 (92)	LGHMS310H	LGHMS310A	LGHMS310EE*	LGHMS310CE*	HC7206C	LGH310	7 (75)	BHP112	BHP181	BHP180
14 (125)	LGHMS314H	LGHMS314A	LGHMS314EE*	LGHMS314CE*	HC7206C	LGH314	7 (75)	BHP172	BHP282	BHP190
24 (215)	LGHMS324H	LGHMS324A	LGHMS324EE*	LGHMS324CE*	HC7206C	LGH324	12 (107)	BHP272	BHP292	BHP280
64 (576)	LGHMS364H	LGHMS364A	LGHMS364EE*	LGHMS364CE*	HC7206C	LGH364	25 (227)	BHP672	BHP682	BHP580

* E = for 230V applications. For 115V applications change last suffix from E into B. Example: LGHMS310CB.



PULLING SOLUTIONS

THE RIGHT TOOL MAKES ALL THE DIFFERENCE

Enerpac's comprehensive range of pullers equips you with the ideal pulling solution for every job: from the economical yet versatile BHP-Series, the highly efficient LG-Series and the powerful 100-ton EPH-Series. Enerpac offers solutions for all your pulling needs from a single source.

Elite tools. For Elite Professionals.

BHP-Series Pullers



Multi-Purpose Sets



Grip Puller Sets



Cross-Bearing Puller Sets



Bearing Cup Pullers

LG-Series Lock-Grip Pullers



LGM-Series, Mechanical Pullers



LGH-Series, Hydraulic Pullers



LGHS-Series, Hydraulic Puller Sets



LGHMS-Series, Hydraulic Master Puller Sets



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