

100 TON HYDRAULIC LOCK-GRIP PULLERS

THE SAFE AND PRODUCTIVE WAY TO REMOVE LARGE
SHAFT MOUNTED COMPONENTS WITHOUT DAMAGE



LGH-SERIES

ENERPAC 

▼ LGH3100E



The safe and productive way to remove large shaft mounted components without damage

- Synchronous grip jaw movement for easy alignment of the three jaws while setting it on the workpiece to be removed
- Lock-on jaws offer a secure grip
- Hydraulically applied pulling force increases pulling capacity, improves control of pulling process while reducing operator fatigue
- No need to cut, heat or torch components for removal, resulting in safer work-environment and preventing damage to equipment
- Ergonomic rolling cart with large industrial castor wheels
- Smooth action scissor lift: hydraulically actuated lift cylinder on cart extends puller from centre height between 699 - 1679 mm
- Mounted on a stable cart/trolley with a wide base. Includes pockets to provide the option of using a forklift
- Includes ZE3-Series electric two stage pump with remote pendant for fingertip control of the removal process.



Pushing Adaptors

The LGH3100 Lock-Grip Puller includes 2 pushing adaptors.

Length (mm)	Diameter (mm)	Model Number
250	90	LGH100K6
450	90	LGH100K7



Built-in Gauge

The LGH3100 Lock-Grip Puller includes a standard built-in pressure gauge mounted on the control panel.



◀ LGH3100 used to remove rail wheel from axle.

100 ton Hydraulic Lock-Grip Puller



LGH3100, 100 ton Lock-Grip Puller

The LGH3100 is an ideal solution for pulling medium to large size wheels, sprockets, bearings and other similar shaft-mounted parts.

The puller's self-centering closing "Lock-Grip" system allows all jaws to move simultaneously, making it easy for the operator to mount the puller and to perform the application.

LGH3100 is a 3 jaw design which can be converted into a 2 jaw puller for use when clearance is limited.

NOTE: the 2 jaw configuration has a capacity of 70 ton (622 kN).



IMPORTANT!

Always wear safety goggles and gloves while using pullers.

LGH Series



Capacity:

90,8 ton (931 kN)

Maximum Reach:

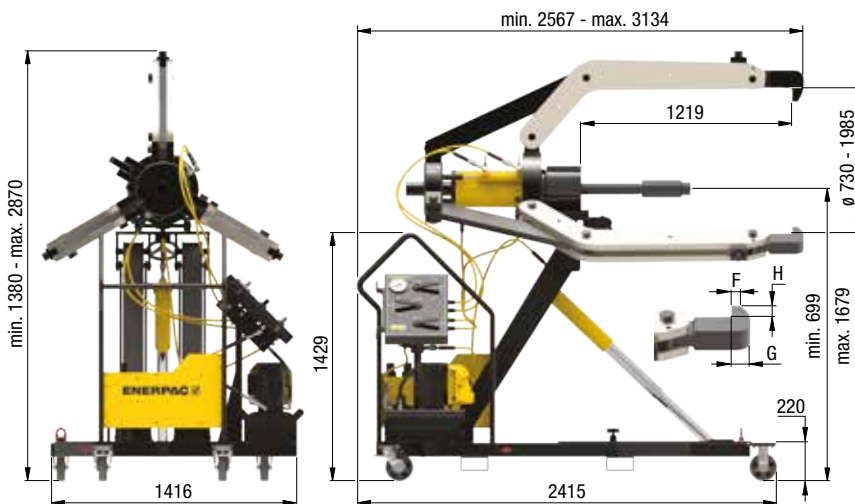
1220 mm

Spread Range:

730 - 1985 mm

Maximum Operating Pressure:

700 bar



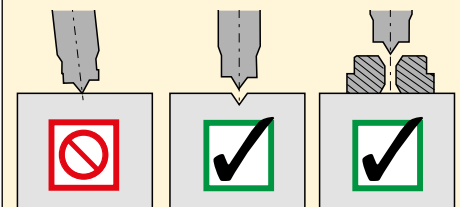
Point Protectors

The pushing cylinder rod needs to use a point protector. If the shaft end does not have a drilled center hole use the point protector with the tip **LGH100K4**.

If the shaft end does not have a drilled center hole use the flat point protector **LGH100K5**.

One of these two protectors has to be used on the cylinder push rod.

Model Nr.	Description
LGH100K4	Point Protector Kit
LGH100K5	Point Protector Flat Kit



Number of Jaws *	Maximum Reach (mm)	Spread Range (mm)	Capacity ton (kN)	Model Number	Electric Pump (V - ph - Hz)	Cylinder Stroke (mm)	Jaw Width F (mm)	Tip Clearance G (mm)	Tip Depth H (mm)	Weight (kg)
3	1220	730 - 1985	90,8 (931)	LGH3100E	230 - 1 - 50	257	30,6	68	78	1360
3	1220	730 - 1985	90,8 (931)	LGH3100B	115 - 1 - 60	257	30,6	68	78	1360

* Can be converted into a 2 jaw puller for use when clearance is limited. The 2 jaw configuration has a capacity of 70 ton (622 kN).



THE RIGHT TOOL MAKES ALL THE DIFFERENCE

Enerpac offers a complete line of pullers with the widest range of sizes, capacities and styles. Whether your application requires mechanical, hydraulic or the patented Lock-Grip system, Enerpac can satisfy your requirements.

Made of high strength steel alloys, you can depend on Enerpac pullers to provide years of trouble-free operation, even in the harshest environments.

ELITE TOOLS. FOR ELITE PROFESSIONALS.



Master Puller Sets,
BHP-Series



Hydraulic Grip Pullers,
BHP-Series



Cross Bearing Pullers,
BHP-Series



Bearing Cup Pullers & Bearing
Separators, BHP-Series



Mechanical & Hydraulic Lock-Grip
Pullers, LGM, LGH-Series



Hydraulic Pin Pullers,
PPH-Series



Hydraulic Lock-Grip Master
Puller Sets, LGHMS-Series



100 tons Hydraulic Lock-Grip
Pullers, LGH-Series



Universal Maintenance Sets,
MS-Series



MRO Toolbox Sets,
SCTB-Series



Cordless Hydraulic Pumps,
SC, XC2, ZC3-Series



Hydraulic Rail Stressor,
RP-Series

ENERPAC 

enerpac.com