

HYDRAULIC PIN PULLERS

ACCELERATED PIN REMOVAL FOR
HEAVY MACHINERY & CONSTRUCTION EQUIPMENT



PPH-SERIES

ENERPAC 

▼ PPH40 shown in front and backside



The Revolutionary Hydraulic Pin Removal Kit



Hydraulic Pin Pullers

Enerpac PPH-Series Hydraulic Pin Pulling Kits set a new standard for efficient pin removal during the maintenance of heavy machinery, mining & construction equipment.

The tool incorporates innovative features to make your pin pulling operations faster, safer, and easier to carry out.

Each kit includes an aluminium hydraulic cylinder with an ergonomic grip handle, Locking Column Sections (3x), and a 'Quick Nut' (1x) that makes long and damaged threaded rods * easier to manipulate.

The included lifting eye and shackle attach to multiple lift points to assist with handling such as when the unit is to be used at greater heights.

* Threaded rods not included.

Experience the Future of Pin Removal — Faster, Safer, Simpler

Discover how the PPH-Series can streamline your pin maintenance operations today.

Accelerated Pin Removal for Heavy Machinery & Construction Equipment

- Sets a new standard for efficient pin removal, thanks to innovative features engineered to make pin pulling operations faster, safer, and easier to carry out.

Locked-In Safety and Efficiency

- Ingenious patent-pending design features locking column sections (collars), providing the crucial flexibility to tailor the setup effectively for every task.
- Unique geometry and locking pins make first time alignment and assembly a breeze.
- Spring-loaded locking pins maintain the integrity of the kit and prevent the collars from dangerously dropping.

Secure Handling and Ergonomic Construction

- The innovative Enerpac Quick Nut with effortless one-handed operation excels where regular nuts fail, by significantly reducing run down time and rapidly bypassing damaged threads.
- Lifting eye & shackle and a series of mounting holes enable flexible hoisting and rigging setups.
- Carry case enables comfortable transportation and efficient tool deployment. Ergonomic handle on the cylinder provides better grip and maneuverability.

Surpasses Conventional and DIY Solutions

- Leave behind the cumbersome and risky pin removal methods of the past.
- Innovative design elements outpace both makeshift solutions and existing market offerings. Our tool offers a multitude of advantages in the field.



◀ Excavator maintenance using the PPH40 powered by a SC-Series Cordless Pump.

▼ SPECIFICATIONS & SELECTION

Pull Capacity	Model Number Hydraulic Pin Puller Kit	Single-Acting Cylinder		
		Stroke	Oil Capacity	
ton (kN)		(mm)	(cm ³)	(kg)
40 (356)	PPH40	100	511	10,0
66 (587)	PPH66	100	847	22,0

Hydraulic Pin Pullers



Quick Nuts

The PPH-Kit also has a quick nut to make pulling larger pins easier and damaged threads easier to manipulate.

Standard included with PPH-Series

Each PPH-Kit includes one Quick Nut:
 PPH40: 1¼" - 12 UNF (**PPH40Q125U12**)
 PPH66: 1½" - 12 UNF (**PPH66Q150U12**).
 Other sizes to be purchased separately.

Used with	Internal Thread	Quick Nut Model Number	Outside Diameter (mm)	Height (mm)	Weight (kg)
PPH40	1" - 14 UNS	PPH40Q100U14	89	42	1,1
	1¼" - 12 UNF	PPH40Q125U12 *	89	42	1,1
	M30 x 3,5	PPH40QM30X35	89	42	1,1
PPH66	1½" - 12 UNF	PPH66Q150U12 *	110	51	2,3
	1¼" - 12 UNF	PPH66Q125U12	110	51	2,3
	M36 x 4,0	PPH66QM36X40	110	51	2,3
	M48 x 5,0	PPH66QM48X50	110	51	2,3

* Quick Nut size standard included with PPH-Series.

PPH Series



Pull Capacity:

40 - 66 ton (356 - 587 kN)

Cylinder Stroke:

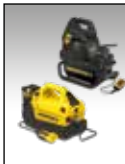
100 mm

Maximum Pin Length To Be Pulled:

101 - 303 mm

Maximum Operating Pressure:

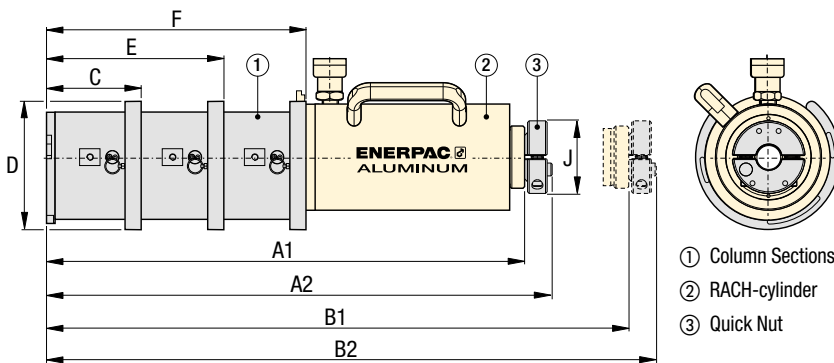
700 bar



Hydraulic Pumps

Visit Enerpac.com for pumps, hoses and gauges. Following pump series are recommended with PPH-Series.

Pin Puller	Cordless Pumps		Air Pumps	Electric Pumps	
PPH40	SC	XC2	PATG	ZU4	ZE2
PPH66	-	XC2	PATG	ZU4	ZE2



▼ DIMENSIONS

Pull Capacity ton (kN)	Model Number	Dimensions (mm)								
		Collapsed Height		Extended Height			C	D	E	F
A1	A2	B1	B2							
40 (358)	PPH40	582	615	682	715	114	178	215	316	89
66 (587)	PPH66	630	671	730	771	114	241	215	316	110



Stackable Column Sections

Each PPH-Kit include 3 Column Sections (locking sleeves). Multiple Column Sections can be stacked together depending on the length of the joint pin.

Up to maximum 5 Column Sections can be locked together. Additional Column Sections can be ordered separately.

Used with	Description	Model Number
PPH40	40 ton Column Section	PPH40C
PPH66	66 ton Column Section	PPH66C

Outside Diameter (mm)	Column Section Dimensions *				Weight (kg)	Maximum Pin Length that can be pulled *			Overall Length of Kit with Column Sections and Quick Nut **			Kit *** (kg)	Model Number
	Internal Diameter (mm)	Side Opening (mm)	Height (mm)	Weight (kg)		1x Section (mm)	2x Sections (mm)	3x Sections (mm)	1x Section (mm)	2x Sections (mm)	3x Sections (mm)		
178	127	100	114	3,8	101	202	303	413	514	615	22,5	PPH40	
241	178	150	114	7,7	101	202	303	469	570	671	47,5	PPH66	

* Maximum of 5 sections can be used with the 40 ton kit and the 66 ton kit.

** Length will increase by 101 mm for each additional column section added.

*** Weight with 3 column sections, cylinder and quick nut, weight will increase by the weight of the column section for each additional section added.



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 ton 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

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