

TIMKEN



HYDRAULIC PULLERS

Equipping you to remove and service bearings, gears, wheels and other industrial and automotive parts

THE TIMKEN COMPANY

Less Friction.
More **Solutions**

HYDRAULIC PULLERS

With more than 100 years of experience in bearing technology, Timken understands the importance of proper maintenance procedures in maximizing product and equipment life. High-quality Timken maintenance products help to decrease down-time and lower operating costs.

Our line of maintenance tools is one example of how we extend beyond bearings with friction management solutions to keep your business running smoothly. These value-added products are grounded in our knowledge of motion, lubrication, friction and metallurgy. Hydraulic Pullers are designed to help you extend bearing life in your applications through proper installation, removal and service.

For more than 100 years, Timken has provided quality products to the industrial marketplace. Hydraulic Pullers are made to the same exacting quality standards you've come to expect from Timken® bearings. Our field support team is available to help you use the tools appropriately, as well as identify other Timken solutions that may boost your productivity and save you money.

Timken has a wide range of self-contained portable hydraulic pulling systems that have capacities from four to 30 tons. They are excellent for the removal of all kinds of shaft-fitted parts.



ADVANTAGES:

- Integrated pump, cylinder, hose and puller with safety-release valve.
- Compact design: The self-contained hydraulic pump and puller saves space.
- Sets are supplied in handy carrying case.
- Multi-purpose: Ideal for pulling a wide variety of press-fit parts including bearings, wheels, bushings, gears and pulleys.
- The pump handle is able to rotate 360-degrees providing flexibility to use the puller in the most convenient position.
- Pullers can be used with two or three legs.
- Available with accessories.

Puller Warning

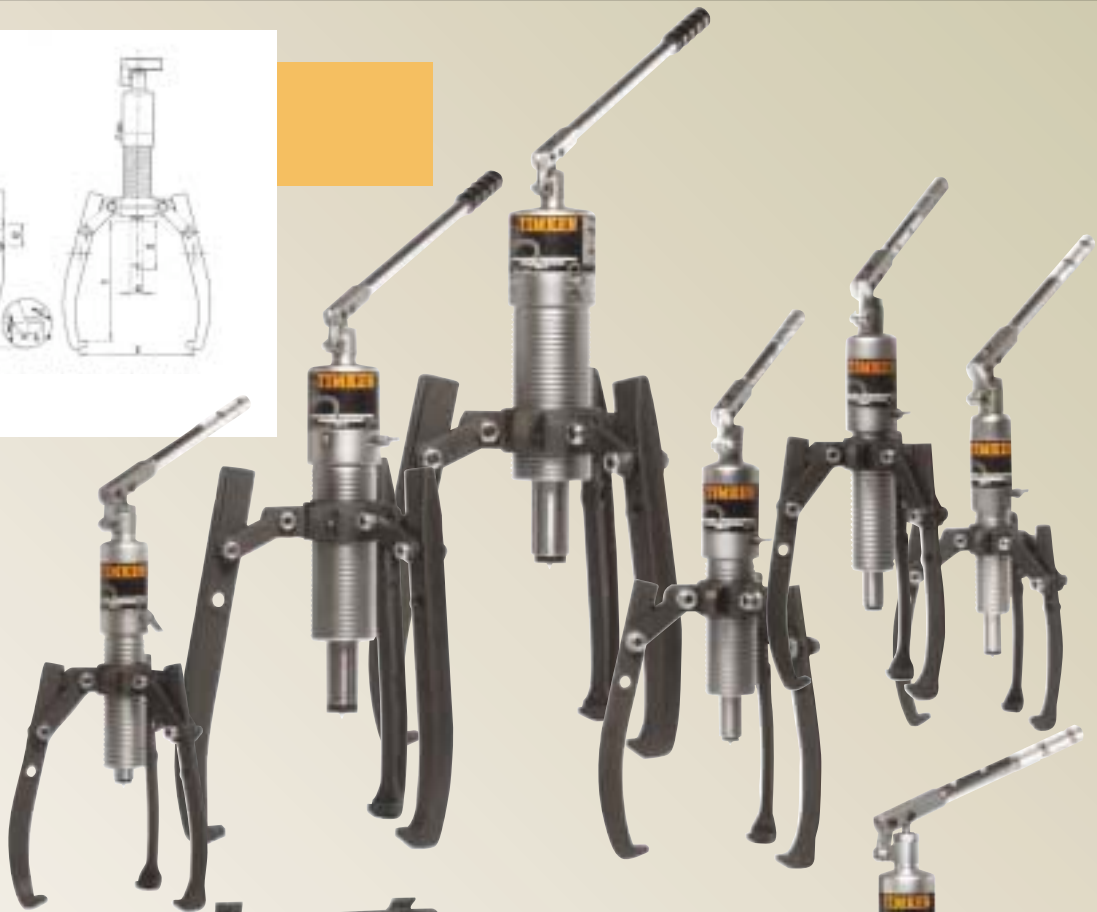
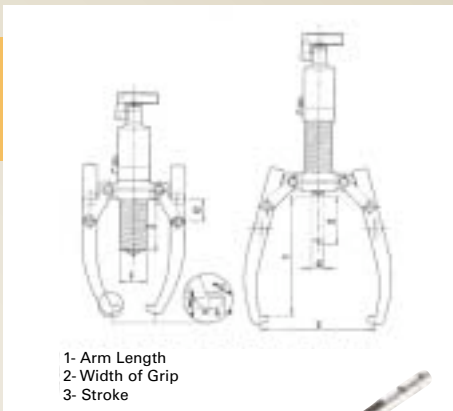
- Check condition of puller before use.
- If there are indications of wear and tear such as ground-down, overloaded or worn-out parts, exchange them with new parts.
- Do not use a hammer when operating spindle.
- If any indications of overload, stiff working, etc., can be observed during pulling, please stop the procedure at once. Try to use a larger or different type of puller if necessary.
- For proper puller engagement, the jaws/legs should be centered.
- When pulling, make sure puller and pulled part are kept covered by the safety blanket provided.
- When operating the puller please wear protective clothing, including safety shoes, protective glasses, gloves and helmet.
- Spindle and puller body should always be kept clean.

WARNING:

Proper maintenance and handling practices are critical. Failure to follow user manual can result in equipment failure, creating a risk of serious bodily harm. Since our products are subject to continuous improvement, we reserve the right to make changes.

Model	Capacity	Arm Length	Width of Grip	Stroke	A	B	C	D	E	F	G	Weight
VHPT4	4 t	185 mm (7.3")	275 mm (10.8")	60 mm (2.4")	11 mm (0.4")	6 mm (0.2")	22 mm (0.9")	32 mm (1.3")	84 mm (3.3")	42 mm (1.7")	22 mm (0.9")	4.5 kg (9.9 lbs.)
VHPT6	6 t	230 mm (9.1")	300 mm (11.8")	85 mm (3.4")	11 mm (0.4")	10 mm (0.4")	25 mm (1.0")	51 mm (2.0")	122 mm (4.8")	50 mm (2.0")	25 mm (1.0")	6.5 kg (14.3 lbs.)
VHPT8	8 t	230 mm (9.1")	350 mm (13.8")	85 mm (3.4")	11 mm (0.4")	10 mm (0.4")	25 mm (1.0")	51 mm (2.0")	122 mm (4.8")	50 mm (2.0")	25 mm (1.0")	6.5 kg (14.3 lbs.)
VHPT12	12 t	270 mm (10.6")	375 mm (14.8")	85 mm (3.4")	14 mm (0.6")	10 mm (0.4")	29 mm (1.1")	51 mm (2.0")	118 mm (4.6")	60 mm (2.4")	28 mm (1.1")	8 kg (17.6 lbs.)
VHPT20	20 t	360 mm (14.2")	520 mm (20.5")	111 mm (4.4")	20 mm (0.8")	27 mm (1.1")	33 mm (1.3")	60 mm (2.4")	161 mm (6.3")	80 mm (3.2")	40 mm (1.6")	22 kg (48.5 lbs.)
VHPT30	30 t	360 mm (14.2")	550 mm (21.7")	111 mm (4.4")	20 mm (0.8")	27 mm (1.1")	38 mm (1.5")	60 mm (2.4")	155 mm (6.1")	98 mm (3.9")	50 mm (2.0")	32 kg (70.6 lbs.)

Model	Puller	Arm Length	Width of Grip	Min. OD	Max. OD	Weight
VHPT490	VHPT4	250 mm (9.8")	110 mm (4.3")	25 mm (1.0")	110 mm (4.3")	8.5 kg (18.7 lbs.)
VHPT690	VHPT8	280 mm (11.0")	220 mm (8.7")	50 mm (2.0")	150 mm (5.9")	12.5 kg (21.6 lbs.)
VHPT890	VHPT8	280 mm (11.0")	210 mm (8.3")	50 mm (2.0")	150 mm (5.9")	12.5 kg (21.6 lbs.)
VHPT1290	VHPT12	325 mm (12.8")	290 mm (11.4")	80 mm (3.2")	225 mm (8.9")	18 kg (39.7 lbs.)



ACCESSORIES SET

MODELS:
VHPT490, VHPT690,
VHPT890, VHPT1290

Puller shown
with accessories.
(set supplied
without pump)



Mechanical Pullers

TIMKEN
Where You Turn

With more than 100 years of experience in bearing technology, Timken understands the importance of proper maintenance procedures in maximizing product and equipment life. High-quality Timken maintenance products help to decrease down time and lower operating costs.

The new Timken mechanical self-centering pullers are safe and user-friendly for the disassembly of bearings, gears, bushings and other parts.

Practical

- *Ergonomic design – easy to handle*
- *Flexible – simple to convert and use in every position*
- *Protective – prevents damage to shaft and objects being pulled*
- *Efficient – saves time and is easily operated by one person*
- *Available in 2, 3, 5, and 8 ton versions*
- *Ships pre-assembled*

Safe

The mechanical arms adjust themselves simultaneously, either inwards or outwards. The self-locking system ensures that the arms will not bend or deflect. Be sure to refer to the user manual before using pullers to avoid misuse of tools, which can lead to injury or equipment damage.

Rugged

The greater the pulling force, the tighter the jaws grip.

Economical

The combination two- or three-arm puller gives you two pullers for the price of one.



WARNING

Proper maintenance and handling practices are critical. Failure to follow installation instructions and to maintain proper lubrication can result in equipment failure, creating a risk of serious bodily harm.

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WORLDWIDE LEADER IN BEARINGS AND STEEL