













# Pump Selection

## ▼ HAND PUMP AND SINGLE-ACTING CYLINDER MATCHING CHART

Capacity (ton) ▶ ▼ Stroke	5 t	10 t	15 t	25 t	30 t	50 t	60 t	75 t	100 t	150 t	
< 25 mm											
25 mm											
50 mm											
75 mm											
100 mm											
125 mm											
150 mm											
175 mm											
200 mm											
225 mm											
250 mm											
300 mm											
325 mm											
350 mm											
		<b>P-392</b>				<b>P-80</b>					<b>P-462</b>
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Note: Selection based on oil capacity requirements of cylinders.

## ▼ POWER PUMP SELECTION CHART

Oil Flow*	Low (0,1 - 0,3 l/min)		Medium (0,5 - 2,0 l/min)		High (2,0 - 14,5 l/min)	
Usable Oil Capacity	1,9 - 3,8 litres	5,7 litres	4 - 40 litres	4 - 40 litres	10 - 40 litres	60 litres
Duty Cycle**	Intermittent	Extended	Intermittent	Extended	Extended	Extended
Portable/Stationary***	Portable	Stationary	Portable	Stationary	Stationary	Stationary
Recommended Series	<b>PU-Series Economy</b>	<b>PE-Series Submerged</b>	<b>ZU4-Series</b>	<b>ZE3-, ZE4- and ZE5-Series</b>	<b>ZE6-Series</b>	<b>PP 8000-Series PP 9000-Series</b>
						
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\* Oil Flow

- Determined by motor size
- Directly affects electrical power requirements
- Determines cylinder or tool speed

\*\* Duty Cycle

- Extended applications require more than one hour of uninterrupted pump use
- Intermittent would be used less than one hour of continuous pump use.

\*\*\* Portability

- |                               |                                  |
|-------------------------------|----------------------------------|
| <u>Portable</u>               | <u>Stationary</u>                |
| • Ergonomic handles           | • Mounting options               |
| • Flexible power requirements | • Normally requires stable power |