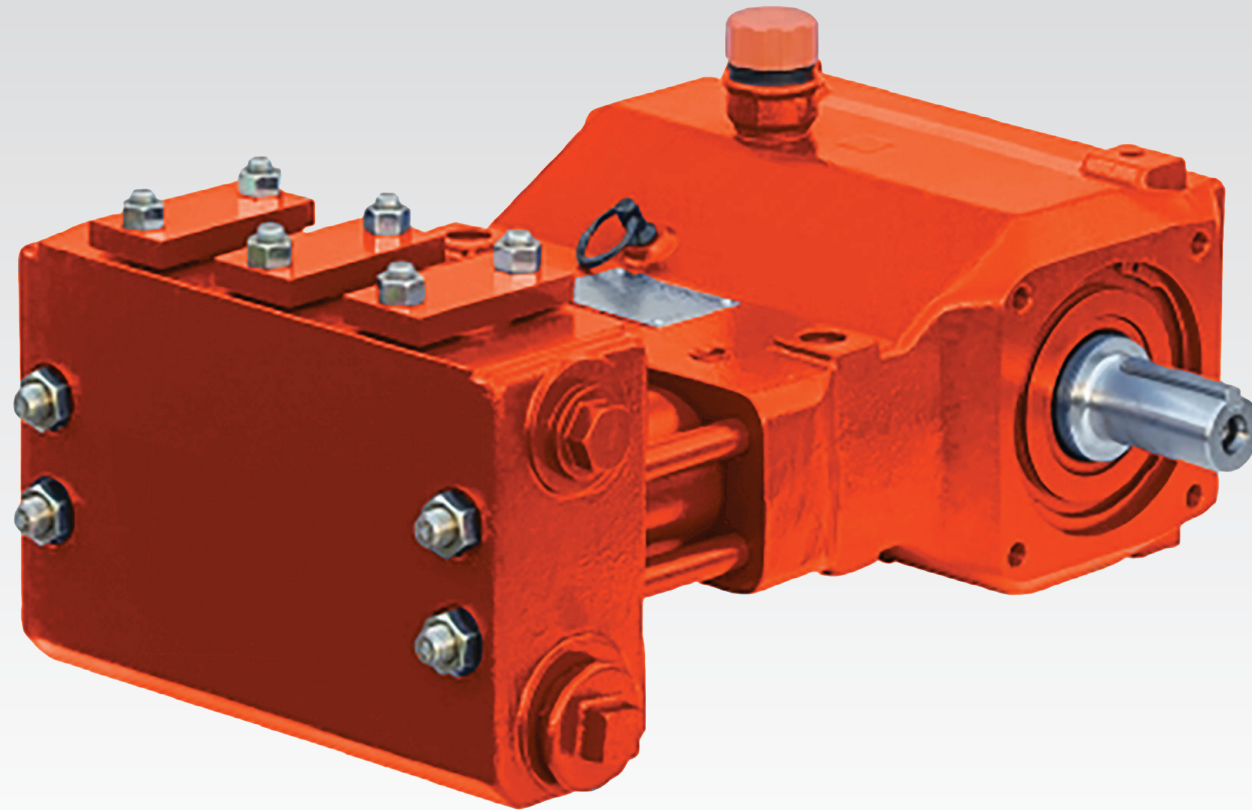


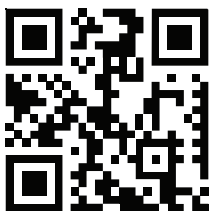


# WERNER



## WERNER P3-08





# WERNER P3-08

## High-Pressure Triplex Plunger Pump

The Werner P3-08, shown on Page 1, is a compact, robust, and efficient high-pressure reciprocating plunger pump ideal for light-medium industrial applications. Despite its small footprint, it delivers consistent pressure, excellent volumetric efficiency and dependable continuous-duty performance.

### High-Pressure Triplex Plunger Pump

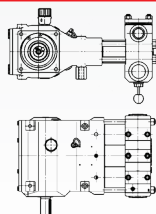
- Weight: approx. 83 kg
- Stroke: 36 mm
- Pump Type: Reciprocating triplex plunger pump
- Drive Speed Range: 250–1000 min<sup>-1</sup>
- Available in various drive configurations

### Applications

- The P3-08 is suited for a wide range of industrial and service applications, including:
  - High-pressure cleaning
  - Jetting operations
  - Light industrial washing systems
  - Processes requiring reliable low-flow, high-pressure performance
- Its engineering ensures:
  - Minimum energy consumption
  - Low mechanical wear
  - High operating efficiency

### Liquid ends

- Werner's P3-08 liquid end is specifically engineered to offer:
  - Tailor-made configurations for optimal volumetric efficiency
  - Single stuffing-box assemblies
  - Clear-water compatibility
  - Valve lift for drainage functionality
  - High corrosion resistance on all wetted components
  - Long service life with low wear rates



- These features allow the pump to handle:
  - Clear water
  - Light industrial liquids
  - Non-abrasive media

### Technical Specifications

- Admissible radial load capability (on request)
- Selectable direction of rotation
- Motor power recommendations based on water as pumping medium
- Liquid-end design tailored to fluid properties and application requirements
- Intermittent-duty and continuous-duty data available on request
- Suction pressure requirements dependent on application
- Suction and discharge ports available on either side

### Drive, Power ends and design

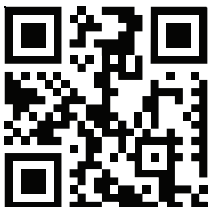
- The Werner P3-08 features a sturdy and compact power-end assembly with:
  - No integral gear (bareshaft configuration)
  - Splash lubrication system as standard
  - Optional integrated power-end cooler
  - Left- or right-hand drive orientation
  - Horizontal installation design

This design ensures reliability, ease of maintenance, and durability even under frequent usage.

### Technical Data

| Drive speed    | min <sup>-1</sup> | 250         | 300       | 350       | 400        | 450            | 500        | 550        | 600        | 650        | 700           | 750        | 800       | 850         | 900       | 950       | 1000      |           |
|----------------|-------------------|-------------|-----------|-----------|------------|----------------|------------|------------|------------|------------|---------------|------------|-----------|-------------|-----------|-----------|-----------|-----------|
| Pres.<br>(bar) | Plunger<br>(mm)   |             | Capacity  |           |            | l/min<br>(±2%) |            |            |            |            | Power<br>req. |            |           | kW<br>(+3%) |           |           |           |           |
| 100            | 45                | l/min<br>kW | 42<br>7.5 | 50<br>9   | 58<br>10.5 | 67<br>12       | 75<br>13.5 | 83<br>15   | 92<br>16.5 | 100<br>18  | 108<br>19.5   | 117<br>21  | 125<br>23 | 133<br>24   | 141<br>26 | 149<br>27 | 156<br>28 | 163<br>29 |
| 125            | 40                | l/min<br>kW | 32<br>7.5 | 39<br>8.5 | 45<br>10   | 52<br>11.5     | 58<br>13   | 65<br>14.5 | 71<br>16   | 78<br>17.5 | 84<br>19      | 91<br>20   | 97<br>22  | 104<br>23   | 110<br>25 | 116<br>26 | 121<br>27 | 127<br>28 |
| 160            | 36                | l/min<br>kW | 26<br>7.5 | 31<br>9   | 37<br>10.5 | 42<br>12       | 47<br>13.5 | 52<br>15   | 57<br>16.5 | 63<br>18   | 68<br>19.5    | 73<br>21   | 78<br>22  | 83<br>24    | 89<br>25  | 94<br>27  | 99<br>28  | 104<br>30 |
| 200            | 32                | l/min<br>kW | 20<br>7   | 24<br>8.5 | 28<br>10   | 32<br>11.5     | 36<br>12.5 | 40<br>14   | 44<br>15.5 | 48<br>17   | 52<br>18.5    | 56<br>19.5 | 60<br>21  | 64<br>23    | 68<br>24  | 72<br>25  | 76<br>27  | 80<br>28  |

• 1 bar=14.5038 psi; 1 l/min=0.26417 USGPM=0.22 IPGPM; 1kW=1.3410 HP; 1mm=0.03937 inch



## Get in touch

For all high-pressure jetting equipment, industrial pumps and engineered pumping solutions, contact Werner South Africa Pumps & Equipment today. Experience the highest levels of service, innovation, and support in the industry.



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### Managing Director:



WERNER SOUTH AFRICA PUMPS & EQUIPMENT (PTY) LTD

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Managing Director

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Service Manager