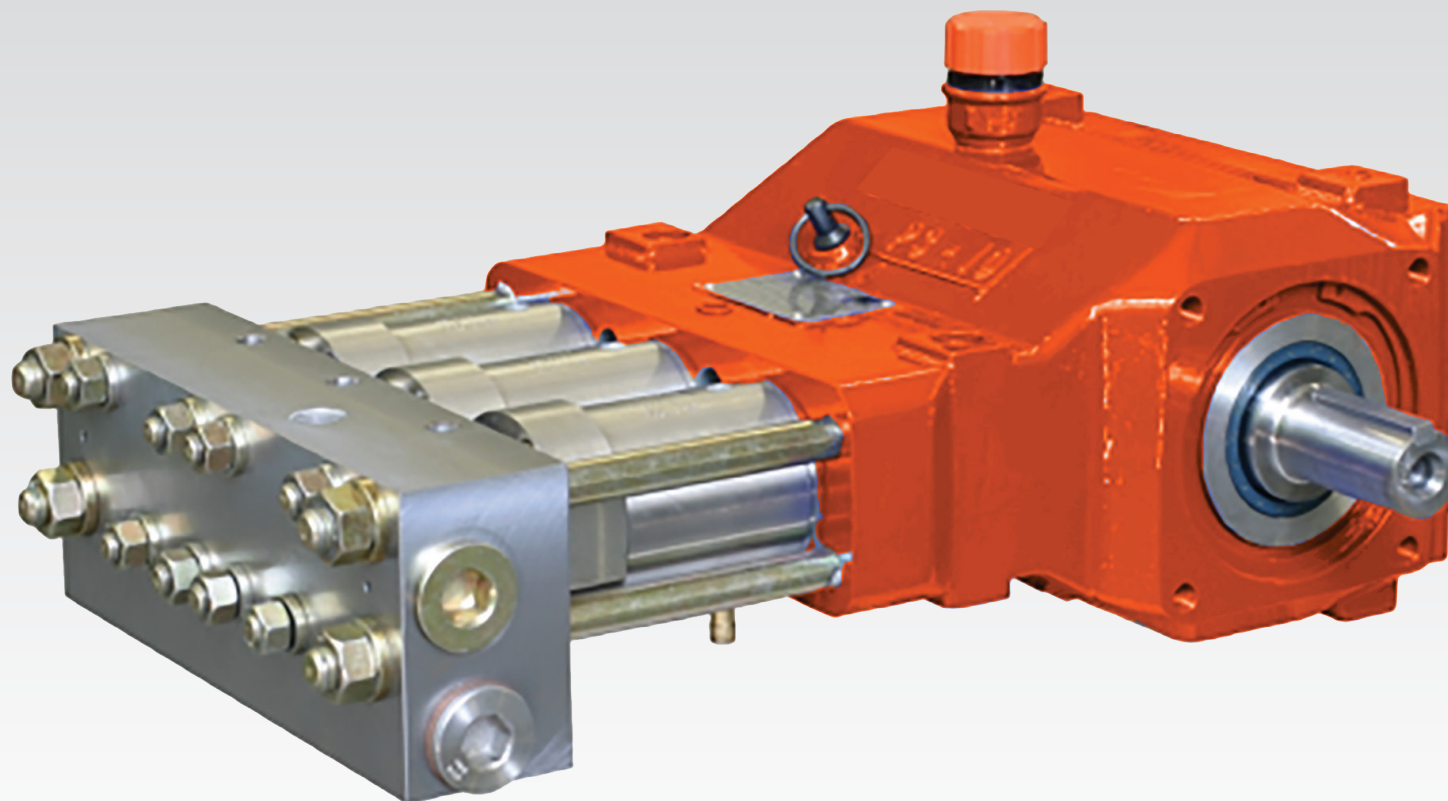


WERNER



WERNER P3-10





WERNER P3-10

High-Pressure Triplex Plunger Pump

The Werner P3-10, is a compact yet high-performance reciprocating plunger pump designed for industrial and commercial high-pressure applications. Despite its lightweight construction, the P3-10 delivers outstanding mechanical efficiency, excellent volumetric performance and long service life.

High-Pressure Triplex Plunger Pump

- Weight:
 - P3-10 Version A1: approx. 83 kg
 - P3-10 Version A2: approx. 86 kg
 - P3-10 Version B: approx. 77 kg
 - P3-10 Version D: approx. 81 kg
- Stroke: 36 mm
- Drive Speeds: 250–1000 min⁻¹
- Pump Type: Reciprocating triplex plunger pump
- Drive Variants: Standard bareshaft or hydraulic-drive compatible variants

Application

- Designed for precision, reliability and low-wear operation in:
 - Light-to-medium industrial jetting
 - High-pressure washing
 - Cleaning systems
 - Process liquid transfer
 - Applications involving clear water, hot water, and compatible industrial fluids
- Its high mechanical efficiency ensures energy savings and reduced operational costs.

Drive

- Standard Drive Configuration
 - P3-10: Without integral gear
 - Left- or right-hand drive
 - Horizontal installation

- Hydraulic Drive Options
 - P3-10H: Mating flange face for hydraulic drive
 - Internal crankshaft toothing for direct hydraulic connection (SAE C flange)
 - Optional coupling housing for ISO 3019/2 hydraulic drives (Ø125 or Ø140)

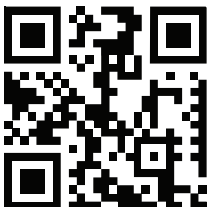
Power ends and design

- Sturdy cast power-end assembly
- Splash lubrication standard
- Optional integrated power-end cooler
- Designed for high reliability under intermittent or continuous operation
- High resistance to fatigue and cyclic loading

Liquid ends

- Tailor-made liquid-end configurations for optimal volumetric efficiency
- Single stuffing-box design
- Clear-water and hot-water compatible
- Valve lift for drainage included
- High corrosion resistance across all wetted parts
- Low wear and exceptional availability

- Optional Features
 - Suction valve release system for wear-free transition between unload and load modes
- This makes the P3-10 adaptable for applications involving:
- Thin or neutral liquids
 - Mildly abrasive substances
 - Hot or cold process water

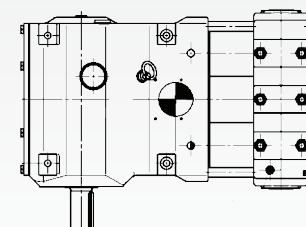
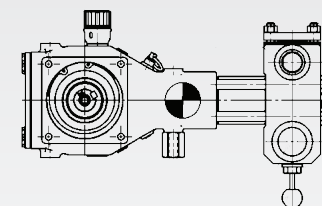


Technical Data

Motor Speed			min ⁻¹	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
Vers.	Pres. Bar	Plunger		Effective capacity		l/min (±2%)				Power req. at pump shaft				kW (+3%)					
A1	125	45	l/min kW	42 9.5	50 11.5	58 13	67 15	75 17	83 19	92 21	100 23	108 24	117 26	125 28	133 30	141 32	149 34	156 35	163 37
	160	40	l/min kW	32 9.5	39 11	45 13	52 15	58 17	65 18.5	71 21	78 22	84 24	91 26	97 28	104 30	110 32	116 33	121 35	127 36
	200	36	l/min kW	26 9.5	31 11	37 13	42 15	47 17	52 18.5	57 20	63 22	68 24	73 26	78 28	83 30	89 32	94 34	99 35	104 37
	250	32	l/min kW	20 9	24 10.5	28 12.5	32 14	36 16	40 17.5	44 19.5	48 21	52 23	56 25	60 26	64 28	68 30	72 32	76 33	80 35
A2	250	32	l/min kW	21 9	25 11	29 13	33 14.5	37 16.5	41 18.5	45 20	49 22	53 24	57 26	62 27	66 29	70 31	74 33	78 35	82 37
	330	28	l/min kW	15 8.5	18 10.5	21 12	24 14	27 15.5	30 17.5	33 19	36 21	39 23	42 24	45 26	48 28	51 30	54 31	57 33	60 35
	415	25	l/min kW	11.5 8.5	14 10	16.5 12	19 13.5	21 15	23 17	26 18.5	28 20	31 22	33 24	35 25	38 27	40 29	42 30	45 32	47 34
	530	22	l/min kW	8.5 7.5	10 9	12 10.5	13.5 12	15.5 13.5	17 15	18.5 16.5	20 18	22 19.5	24 21	26 23	27 24	29 26	31 27	32 29	34 30
B	530	22	l/min kW	10 9.5	12 11.5	14 13.5	16 15.5	18 17.5	20 19	22 21	24 23	26 25	28 27	30 29	32 31	34 33	36 35	38 36	40 38
	640	20	l/min kW	8 9.5	10 11.5	11.5 13	13 15	14.5 17	16.5 19	18 21	19.5 23	21 24	23 26	24 28	26 30	28 32	29 34	31 36	33 38
	800	18	l/min kW	6.5 9.5	8 11	9 13	10.5 15	11.5 16.5	13 18.5	14.5 20	15.5 22	17 24	18 26	19.5 28	21 30	22 32	23 33	25 35	26 37
	1000	16	l/min kW	5 8.5	6 10.5	7 12	8 14	9 15.5	10 17.5	11 19	12 21	13 23	14 24	15 26	16 28	17 30	18 31	19 33	20 35
D	1300	14	l/min kW	3.9 9	4.7 10.5	5.5 12.5	6.5 14.5	7 16	8 18	8.5 19.5	9.5 22	10 23	11 25	11.5 27	12.5 29	13.5 31	14 32	15 34	15.5 36
	1600	12.7	l/min kW	3.1 8.5	3.8 10.5	4.4 12	5 14	5.5 15.5	6.5 17.5	7 19	7.5 21	8 23	9 25	9.5 26	10 28	10.5 30	11.5 32	12 33	12.5 35
	2000	11	l/min kW	2.2 7.5	2.7 9.5	3.1 11	3.6 12.5	4 14	4.5 15.5	4.9 17	5.5 18.5	6 20	6.5 22	6.5 23	7 25	7.5 27	8 28	8.5 30	9 31

Technical Specifications

- Admissible radial load on request
- Direction of rotation selectable
- Motor rating recommendations assume water as pumping medium
- Liquid-end design varies according to application
- Expanded operating data available on request
- Continuous- vs intermittent-duty ratings available
- Required suction pressure dependent on application
- Suction & discharge can be positioned on either side





Get in touch

For high-pressure jetting systems, industrial pumps and engineered fluid 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:



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