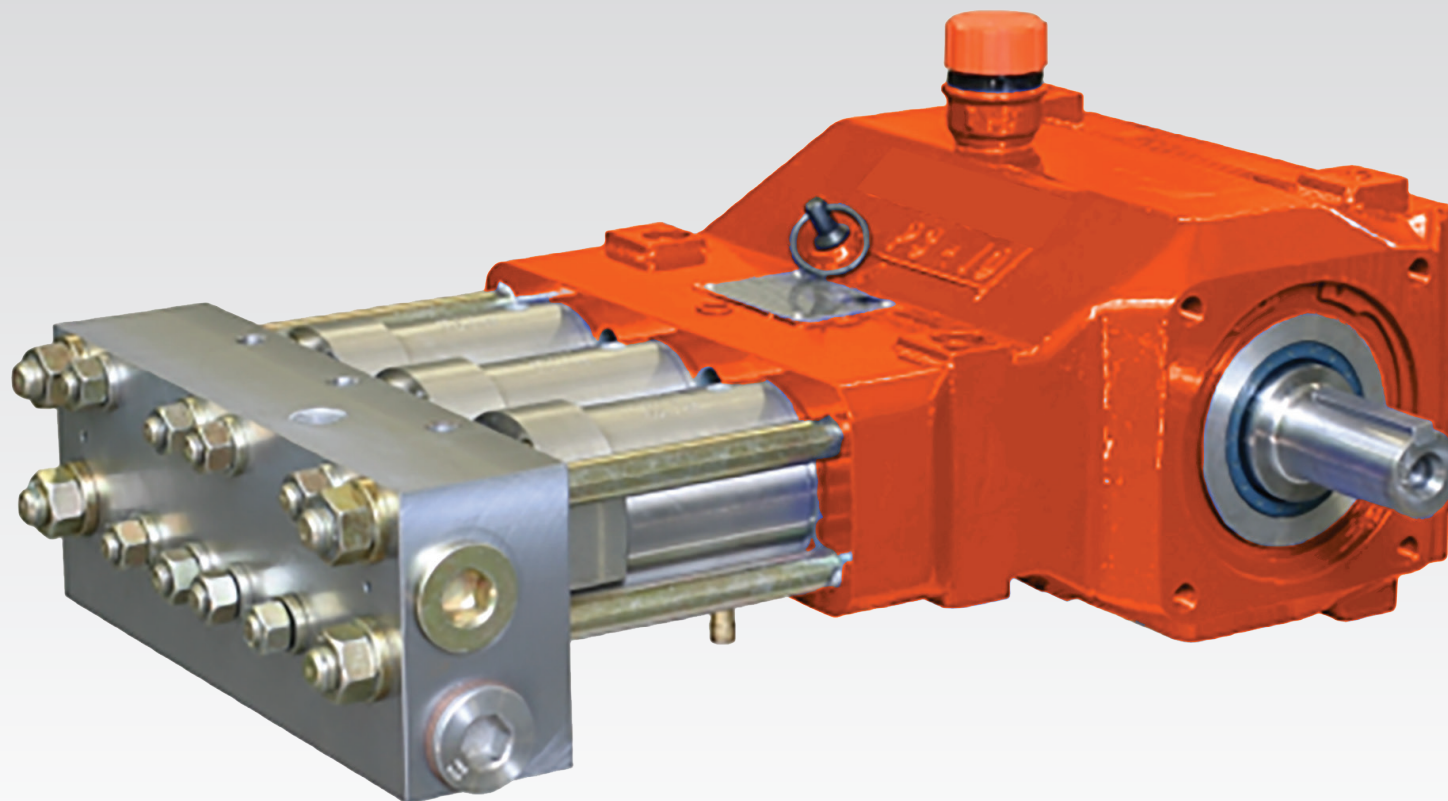


WERNER



WERNER P3-10



Established
88



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

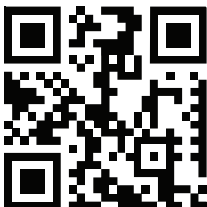
Liquid ends

- 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

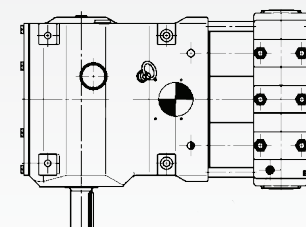
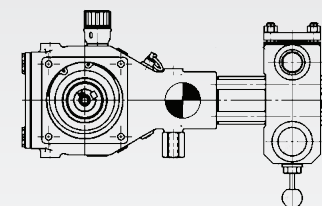


Technical Data

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	42	50	58	67	75	83	92	100	108	117	125	133	141	149	156	163
			kW	9.5	11.5	13	15	17	19	21	23	24	26	28	30	32	34	35	37
	160	40	l/min	32	39	45	52	58	65	71	78	84	91	97	104	110	116	121	127
			kW	9.5	11	13	15	17	18.5	21	22	24	26	28	30	32	33	35	36
A2	200	36	l/min	26	31	37	42	47	52	57	63	68	73	78	83	89	94	99	104
			kW	9.5	11	13	15	17	18.5	20	22	24	26	28	30	32	34	35	37
	250	32	l/min	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
			kW	9	10.5	12.5	14	16	17.5	19.5	21	23	25	26	28	30	32	33	35
B	250	32	l/min	21	25	29	33	37	41	45	49	53	57	62	66	70	74	78	82
			kW	9	11	13	14.5	16.5	18.5	20	22	24	26	27	29	31	33	35	37
	330	28	l/min	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
			kW	8.5	10.5	12	14	15.5	17.5	19	21	23	24	26	28	30	31	33	35
B	415	25	l/min	11.5	14	16.5	19	21	23	26	28	31	33	35	38	40	42	45	47
			kW	8.5	10	12	13.5	15	17	18.5	20	22	24	25	27	29	30	32	34
	530	22	l/min	8.5	10	12	13.5	15.5	17	18.5	20	22	24	26	27	29	31	32	34
			kW	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	23	24	26	27	29	30
D	530	22	l/min	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
			kW	9.5	11.5	13.5	15.5	17.5	19	21	23	25	27	29	31	33	35	36	38
	640	20	l/min	8	10	11.5	13	14.5	16.5	18	19.5	21	23	24	26	28	29	31	33
			kW	9.5	11.5	13	15	17	19	21	23	24	26	28	30	32	34	36	38
D	800	18	l/min	6.5	8	9	10.5	11.5	13	14.5	15.5	17	18	19.5	21	22	23	25	26
			kW	9.5	11	13	15	16.5	18.5	20	22	24	26	28	30	32	33	35	37
	1000	16	l/min	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
			kW	8.5	10.5	12	14	15.5	17.5	19	21	23	24	26	28	30	31	33	35
D	1300	14	l/min	3.9	4.7	5.5	6.5	7	8	8.5	9.5	10	11	11.5	12.5	13.5	14	15	15.5
			kW	9	10.5	12.5	14.5	16	18	19.5	22	23	25	27	29	31	32	34	36
	1600	12.7	l/min	3.1	3.8	4.4	5	5.5	6.5	7	7.5	8	9	9.5	10	10.5	11.5	12	12.5
			kW	8.5	10.5	12	14	15.5	17.5	19	21	23	25	26	28	30	32	33	35
D	2000	11	l/min	2.2	2.7	3.1	3.6	4	4.5	4.9	5.5	6	6.5	6.5	7	7.5	8	8.5	9
			kW	7.5	9.5	11	12.5	14	15.5	17	18.5	20	22	23	25	27	28	30	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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