



*Engineered
Quality*



MULTI-PURPOSE PUMPS NP

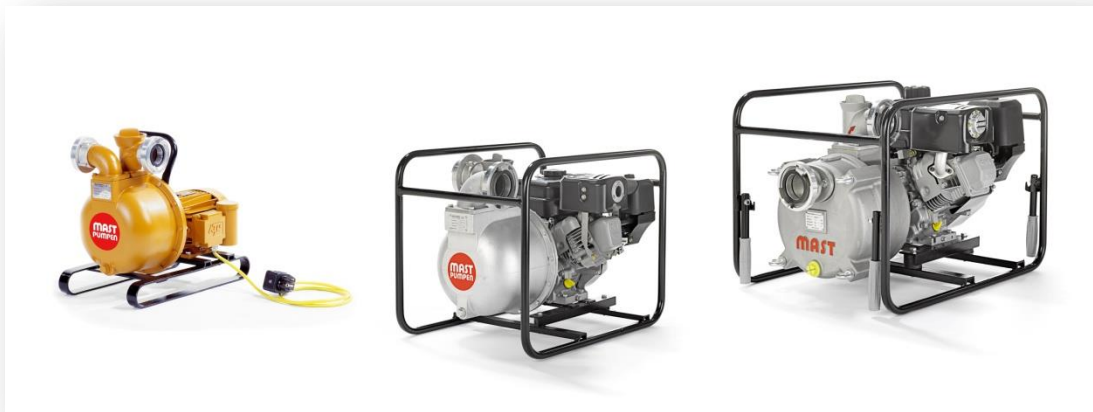
Wastewater

for fire & rescue, construction sites and municipalities

up to 1.200 l/min, up to 41 m

Powerful diversity.

MAST multi-purpose pumps are self-priming centrifugal pumps. They are available in 4 power stages – with gas engine, Diesel engine or electric motor (230 V / 400 V).



Robust

MAST multi-purpose pumps NP are dirt-resistant, maintenance-free and easily portable. They are powerful but economical in consumption. The range NP is characterized by their exceptional reliability and robustness. They are designed for demanding applications.

MAST multi-purpose pumps NP have a maximum flow rate up to 1.200 l/min and a maximum flow height up to 41 m. The range is available with petrol engine, Diesel engine and electric drive.

Reliability

An important requirement for quality and durability is an optimized combination of materials. Only seawater-resistant aluminum alloy acc. to DIN EN 1706 and mineral oil-resistant elastomers are used in the NP-pumps. They guarantee maximum corrosion protection combined with low weight.

Petrol engine

MAST multi-purpose pumps NP with petrol engine (type „B“) are suitable for continuous operation. They are particularly environmentally friendly by their low noise „Lo-Tone“ muffler, fuel-efficient OHV-design and improved „Dual-Clean“ air filters. The low oil level shutdown protects against engine damages.

Diesel engine

MAST multi-purpose pumps NP with Diesel engine (type „D“) are heavy duty pumps to withstand even the toughest applications at construction sites.

Due to the automatic decompression and direct injection they are easy to start and very economical to use. The forced-feed lubrication and the single-cam system (SCS) ensure reliability, and a long-lasting operation. An electric starter for maximum comfort is available.

Electric motor

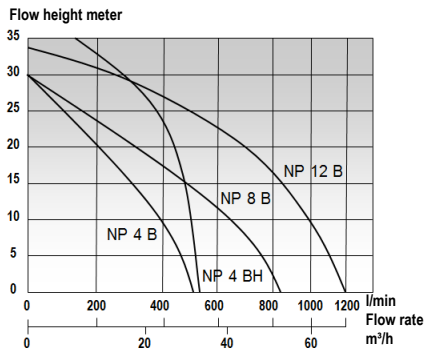
If an electric power supply is available, MAST multi-purpose pumps NP can be provided with an electric motor 230 V (type „L“) and 400 V (type „E“). Simply plug in and switch on. Silent running however efficient.



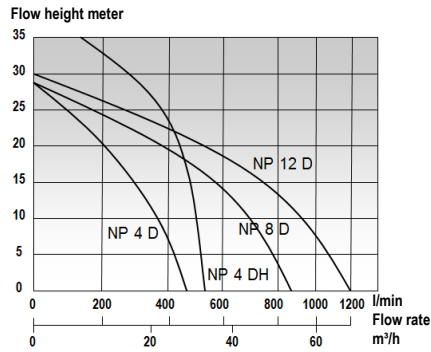
Technical Data.

Multi-purpose pump	NP 4 B	NP 4 BH	NP 8 B	NP 12 B	NP 4 D	NP 4 DH	NP 8 D	NP 12 D	NP 4 L	NP 4 E	NP 8 E	NP 12 E
Engine / Motor	4 - stroke petrol				Diesel				230 V	400 V		
Pumping rate l/min. at a pumping head m wc (1 l = 0,26 gal / 1 m = 3,28 ft.) acc. to DIN ISO 9906	l/min m 500 0 440 5 380 10 200 20 0 30	l/min m 520 0 460 15 420 20 300 30 0 41	l/min m 850 0 770 5 650 10 360 20 0 30	l/min m 1200 0 1000 10 700 20 250 30 0 34	l/min m 500 0 440 5 380 10 200 20 0 28	l/min m 520 0 460 15 420 20 300 30 0 41	l/min m 850 0 800 5 680 10 400 20 0 30	l/min m 1200 0 1100 5 910 10 530 20 0 30	l/min m 320 0 270 5 190 10 150 12 0 15	l/min m 400 0 350 5 255 10 120 15 0 18	l/min m 820 0 760 5 630 10 400 15 0 20	l/min m 1200 0 1100 5 910 10 640 15 0 20
Output kW	3,0	4,8	4,8	7,5	3,4	3,4	3,4	5,0	0,75	1,5	2,5	4,0
Speed r.p.m.	3600	3600	3600	3600	3600	3600	3600	3600	2850	2870	2875	2850
Rated current A	—	—	—	—	—	—	—	—	5,4	3,3	4,6	7,3
Grain passage Ø mm	8	8	10	20	8	8	10	20	8	8	10	20
Connection size G	G 2"	G 2"	G 2 1/2"	G 2 1/2"	G 2"	G 2"	G 2 1/2"	G 2 1/2"	G 2"	G 2"	G 2 1/2"	G 2 1/2"
STORZ-Coupling	C	C	B	B	C	C	B	B	C	C	B	B
Dimensions LxWxH cm	54x39x4 2	62x46x5 0	62x46x5 0	72x54x5 5	57x46x5 0	57x46x5 0	70x49x5 5	72x49x5 5	48x28x4 3	48x28x4 3	62x46x5 0	70x49x5 5
Weight kg	28	34	43	58	49	49	58	72	26	29	45	67
Sound power level dB(A)	102	104	104	105	105	105	105	110	58	61	65	66
Consumption ca. l(gal)/h	1,2 (0,3)	1,6 (0,3)	1,6 (0,3)	2,8 (0,8)	1,2 (0,3)	1,2 (0,3)	1,2 (0,3)	1,8 (0,5)	—	—	—	—
Tank capacity l (gal)	2,5 (0,6)	3,6 (0,8)	3,6 (0,8)	7,9 (1,7)	3,0 (0,8)	3,0 (0,8)	3,0 (0,8)	5,0 (1,3)	—	—	—	—
Suction height m (ft.)	up to 8,4 m (26 ft.) self-priming											
liquid temperature °C (°F)	water up to 100°C (212°F), oil at room temperature (mind statutory provisions!)											
liquid density kg/dm ³	max. 1,1 kg/dm ³											
pH-value of liquid	5 - 8											

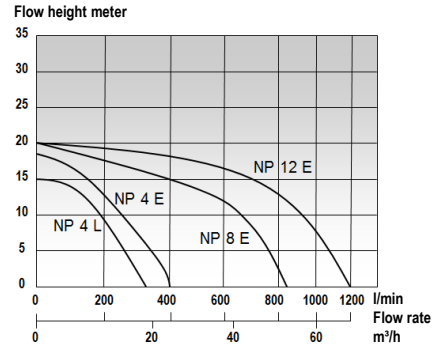
with petrol engine (B)



with Diesel engine (D)



with electric motor (L/E)



Auch als Pumpensatz komplett mit Zubehör lieferbar.

The company.

The MAST PUMPEN company was established in 1948 and is still intergenerational owner-operated.

Decades of experience combined with cutting-edge technologies form a synthesis that produces exceptional products.

Computer Based developed and produced on the latest CNC machines, MAST pumps fulfill all the demands placed on a quality product. MAST pumps are designed and manufactured in Germany.



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