

WEDA Drainage Range



Model	Discharge (in)	Max Power input (kW)	Max flow (gpm)	Weight (lb)	Power (hp)	Part #
WEDA D10	2	1.8	132	29	1.5	3081620850
WEDA D30	3	2.9	390	44	3	3081620854
WEDA D40	3	4.1	450	56	4.3	3081620861
WEDA D50	4	7.5	630	122	8.5	3081620871
WEDA D60	4	9.9	700	136	11.5	3081620875
WEDA D70	6	15	1230	244	18	3081620945
WEDA D80	6	23	1550	389	31	3081620839
WEDA D90	6	34	1710	400	40	3081620843
WEDA D95	8	50	2980	589	58	3081621132
WEDA D100	10	74	4780	1156	92	3081621188

WEDA Sludge Range

Model	Discharge (in)	Max Power input (kW)	Max flow (gpm)	Weight (lb)	Power (hp)	Part #
WEDA S04N	2	0.7	62	24	0.5	8162172900
WEDA S08N	2	1.2	65	29	1	8162173100
WEDA S30N (1ph)	3	2.9	230	56	3	3081620407
WEDA S30N (3ph)	3	3.9	250	56	4	3081620418
WEDA S50N	4	6.2	370	131	7	3081620755
WEDA S60N	4	8	420	144	9.3	3081620639



WEDA Slurry Range



Model	Discharge (in)	Max Power input (kW)	Max flow (gpm)	Weight (lb)	Power (hp)	Part #
WEDA L40N	3	4.5	220	411	5	8381070300
WEDA L50N	4	6.8	350	578	7.4	8381070301
WEDA L60N	4	10.4	480	578	12.1	8381070302
WEDA L70N	4	12.8	530	600	14.8	8381070303
WEDA L80N	4	16.1	790	689	20	8381070304
WEDA L95N	4	40	1190	1667	50	8381070305
WEDA L100N	6	49	2600	2233	60	8381070306
WEDA L110N	6	80	2200	2378	101	8381070307

WEDA Submersible pumps

WEDA electric submersible pumps and accessories are designed for an extensive range of dewatering applications, across multiple industries.

They provide the performance, reliability and ease of use you need. WEDA pumps feature a built-in starter and motor protection system along with optional automatic level control. Starting with the WEDA D70 in 2021, more and more WEDA pump models are updated with patented Wear Deflector Technology that provides state-of-the-art wear resistance as well as quick readjustment to as-new performance.

At Atlas Copco, we understand pumps, their applications and, most importantly, the people using them. We have a complete

range of high-quality and lightweight electric submersible pumps designed specifically for drainage, sludge and slurry pumping applications.

WEDA pumps are made for durability. The unique sealing system and modular design make them among the most flexible pumps on the market. Easy to use and maintain, WEDA pumps promise optimal performance. The WEDA seal system is designed to provide the optimum maintenance solution and can be easily fitted at the job site. Repairability of our products is built-in right from the design stage. This minimizes down-time and reduces environmental footprint, a testament to our pledge to sustainability.



**SPECIFIC
GRAVITY
UP TO 1.6**



**SOLIDS
HANDLING
UP TO 2.5 inch**



**UP TO
40%
LIGHTER
IN WEIGHT**



**HIGH WEAR
RESISTANCE**





There is a WEDA pump for any dewatering application

We understand the dewatering needs of our customers, which vary with location and application. Accordingly our submersible range is developed for drainage (D), sludge (S) and slurry (L) applications.

DRAINAGE PUMPS (WEDA D)



SLUDGE PUMPS (WEDA S)



SLURRY PUMPS (WEDA L)



SPECIFIC GRAVITY
UP TO 1.1

SPECIFIC GRAVITY
UP TO 1.2

SPECIFIC GRAVITY
UP TO 1.6

SOLIDS HANDLING
UP TO 0.5 inch

SOLIDS HANDLING
UP TO 2 inch

SOLIDS HANDLING
UP TO 2.5 inch

pH VALUES
FROM 5 TO 8

pH VALUES
FROM 5 TO 8

pH VALUES
FROM 2 UP TO 10



DESIGNED FOR REPAIRABILITY

Applications:

- General dewatering
- Ground water
- Raw water
- Construction sites
- Sludge or light slurry
- Tank clean-out
- Trench and pond cleaning
- Mining
- Water containing mud
- Abrasive media with solids content
- Quarries
- Dredging
- Settling ponds

WEDA D range

The WEDA drainage pumps handle clean as well as dirty water, with small solids with the best performance and efficiency.



BUILT-IN STARTER AND PROTECTION

- Rotation control
- Phase failure protection
- Thermal switches
- Direct-on-line or reduced start current with Softstarter
- Eliminates the need for external starter

FLEXIBILITY

Discharges can be mounted vertically or horizontally as required

HIGH CORROSION RESISTANCE

Unique aluminum alloy offers the perfect combination of strength, light weight and corrosion resistance

MOTOR PROTECTION

Class H motors, with thermal switches in each winding

EXTENDED PERFORMANCE

Pump design ensures all-round motor cooling for better performance and dry-running capability

CABLE SEALING

Ensures protection against water leakage from cable entry

SEALING SOLUTION

The sealing system is optimized for pump size

IMPROVED WEAR RESISTANCE

High-chrome (55HRC) impellers provide higher wear resistance

55  HRC

**Some features and options on selected models only.*

WEDA S range

The WEDA sludge pumps can handle thick, soft, wet mud or other similarly viscous mixtures of liquids and solids, especially the product of an industrial or refining process.

DRY RUNNING CAPABILITIES

Improved rib design offers external cooling to motor for extended running time

MOTOR PROTECTION

Class H motors, with thermal switches in each winding

SOLIDS HANDLING

Sludge pumps can handle solids up to 2 inch

 **SOLIDS HANDLING**
UP TO 2 inch

ROBUST DESIGN

Base of the pump ensures stability while enabling passage of large solids



BUILT-IN STARTER AND PROTECTION

- Rotation control
- Phase failure protection
- Thermal switches
- Phase shifter plugs for three-phase pumps
- Eliminates the need for external starter

CABLE SEALING

Ensures protection against water leakage from cable entry

EASY INSPECTION

External oil inspection plug for quick inspection of oil

SEALING SOLUTION

The sealing system is optimized for pump size

SUSTAINABLE PERFORMANCE

High-chrome (55HRC) impellers provide higher wear resistance

55  HRC

**Some features and options on selected models only.*

WEDA L range

The WEDA slurry pumps are the toughest, to facilitate handling of slurry with the most challenging solids.

ROBUST DESIGN

Heavy duty bearings to withstand shocks and overloads

HEAVY-DUTY MOTOR

Electric motor insulation class H with thermal contacts for overload protection

HIGH ABRASION RESISTANCE

Thanks to the high-chrome wear parts

REINFORCED SEALING

A double silicon carbide mechanical seal for heavy-duty application

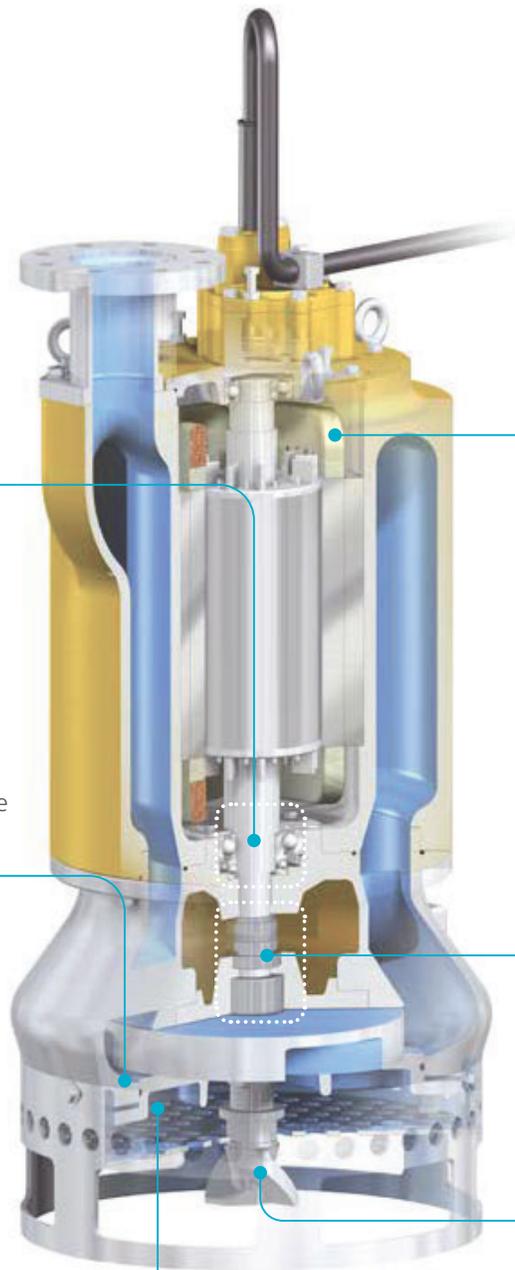
SOLIDS HANDLING

Slurry pumps can handle solids up to 60 mm



SUSTAINABLE PERFORMANCE

High efficiency high chrome agitator to lift settled solids



**Some features and options on selected models only.*