



HABERMANN AURUM
PUMPEN



PRODUCT OVERVIEW **APOLLON®**

**SUBMERSIBLE
PUMPS**

www.habermann-aurum-pumpen.de

DEWATERING
PUMPS

SEWAGE
PUMPS

SLURRY AND
SAND PUMPS

RESIDUE
WATER PUMPS

PUMP'S
ACCESSORIES

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Submersible pumps for industrial applications.

Habermann Aurum Pumpen GmbH presents a comprehensive collection of submersible motor pumps through its Apollon® series. These innovative drainage, wastewater, sludge, and drainage pumps are ideal for general dewatering, applications in sewage treatment plants, construction, industry, sludge transport, and many other areas. Our product portfolio includes not only the classic construction pump (up to 45 kW), but also a slimline version for very tight spaces. Our models are available with optional agitators, as well as custom solutions for specific

customer applications. Thanks to their robust and maintenance-friendly design, our submersible pumps operate with the highest reliability even under challenging conditions. The use of wear-resistant components, such as the high-chrome impeller treated with the proven ACRS technology, enables the Apollon® series to achieve optimal service life even when working with highly abrasive media such as sand and gravel.



Dewatering pumps.

APNO, APNO SLIM HIGH CHROME STEEL PUMP

Our APNO series of submersible wastewater pumps are often utilized in applications where the highest demands for pump performance are required. These heavy-duty pumps are distinguished by their highly wear-resistant impellers, reinforced PUR cables, and back-to-back mechanical seals made of silicon carbide. With this series, flow rates of up to

350 m³/h and delivery heads of up to 90 m can be achieved. The double jacket cooling system (for use in slurry operation), integrated motor protection, and food-grade lubricants set them apart.

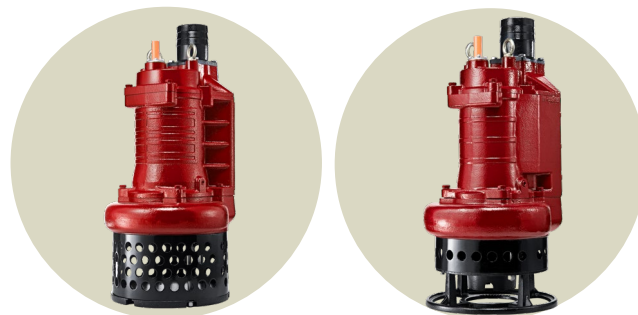


Slurry and sand pumps.

ELEVARO AGITATOR PUMPS

The ELEVARO series of slurry pumps is the ideal choice for challenging applications that require the pumping of abrasive media, such as water-sand mixtures. These rugged pumps feature a pre-installed agitator, a highly wear-resistant impeller, and the proven back-to-back silicon carbide mechanical seal.

With a permissible solid content of up to 30%, maximum head of 30 m, and high flow rates of up to 390 m³/h, these pumps deliver exceptional performance.



Handy and residue pumps.

SENTINO / SENTINO LIGHT SEWAGE PUMPS

In the development of the SENTINO series, low weight in combination with the smallest possible dimensions played an extremely important role. With a maximum head of up to 14 m, a flow rate of up to 18 m³ per hour, and the ability to lower the residual water level to below 2 mm, the Sentino is the ideal solution for flexible work even on smaller

construction sites. These compact and cost-effective drainage pumps are easy to maintain and are therefore an unparalleled solution for various applications, especially in the field of municipal water supply and wastewater disposal.



DOMO FLAT SUCTION PUMPS

The DOMO series is specifically designed for semi-professional use. Our smallest pump series is particularly robust and durable due to the combination of impact-resistant plastic and stainless steel. It is perfect for use in households and gardens, such as for draining

cellars, irrigating gardens, and pumping water in swimming pools and ponds. The excellent usability and easy handling make our DOMO series the perfect companion even for non-professional users.



Sewage pumps.

CUTARGO IMPELLER PUMPS

The CUTARGO series has been developed for pumping raw wastewater from various stages of treatment. Its cutting mechanism effectively breaks down fibrous solids, preventing the clogging that is typical of regular pumps. The half-open channel

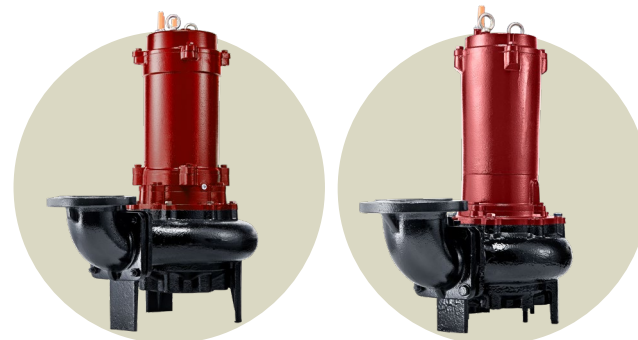
impeller with tungsten carbide-coated edges ensures maximum durability.



MaxiFlow SINGLE-CHANNEL PUMPS

The MaxiFlow series is predestined for commercial and industrial applications. Equipped with a closed single-channel impeller, it offers a free passage for solids up to a diameter of 76 mm and thus reliably prevents clogging. In addition an integrated

air release valve in the pump housing effectively prevents air pockets and thus malfunctions.



TinyFlow FREE FLOW PUMPS

TinyFlow pumps feature a free-flow impeller in a wide pump casing. This centrifugal action between the impeller and generously sized casing allows large solids and fibrous materials to be pumped unhindered. This

reduces impeller wear enormously and extends the service life of the pump.



TinyFlow-A FREE-FLOW AND AGITATOR PUMPS

The TinyFlow-A series is equipped with an agitator that effectively stirs up the medium for efficient pumping of mud, sand, and dirt. The agitator prevents the occurrence of air

pockets and malfunctions that are common with free-flow pumps.



Accessories.

GUIDE RAIL FITTING SYSTEMS

The pump is conveniently connected to or disconnected from the pipeline by lowering and lifting it. This mechanism allows easy maintenance and inspection without the need to enter the pump sump.

THERMAL AND CURRENT OVERLOAD MOTOR PROTECTION PLUGS

Standard with a phase inverter and sequence indicator.

FLOAT SWITCH WITH TEMPERATURE SENSOR AND OVERLOAD PROTECTION

For use with float switches. Auto - 0 - manual. For 400-volt pumps.

FLOAT SWITCH

For use with MPPCWF switches.



APNO

Type	Size	Outlet	Max. Flow rate	Max. Head	Solid free passage	kW	Voltage	Cable	Phase
*P - WS -	215 (F)	2"	24 m³/h	20 m	9 mm	1,5	230V	20M	-1
P - WS -	215	2"	24 m³/h	20 m	9 mm	1,5	400V	20M	-3
*P - WS -	315 (F)	3"	40 m³/h	14,5 m	9 mm	1,5	230V	20M	-1
P - WS -	315	3"	40 m³/h	14,5 m	9 mm	1,5	400V	20M	-3
P - WS -	222	2"	30 m³/h	26 m	9 mm	2,2	400V	20M	-3
P - WS -	322	3"	42 m³/h	20,5 m	9 mm	2,2	400V	20M	-3
P - WS -	422	4"	72 m³/h	15 m	9 mm	2,2	400V	20M	-3
P - WS -	237	2"	27 m³/h	34 m	10 mm	3,7	400V	20M	-3
P - WS -	337	3"	54 m³/h	29 m	10 mm	3,7	400V	20M	-3
P - WS -	437	4"	86 m³/h	18 m	10 mm	3,7	400V	20M	-3
P - WS -	355	3"	66 m³/h	32 m	10 mm	5,5	400V	20M	-3
P - WS -	455	4"	105 m³/h	22,5 m	10 mm	5,5	400V	20M	-3
P - WS -	475	4"	84 m³/h	42 m	15 mm	7,5	400V	20M	-3
P - WS -	675	6"	135 m³/h	28 m	15 mm	7,5	400V	20M	-3
P - WS -	3110	3"	60 m³/h	55 m	12 mm	11	400V	20M	-3
P - WS -	4110	4"	87 m³/h	48,5 m	15 mm	11	400V	20M	-3
P - WS -	6110	6"	147 m³/h	32,5 m	15 mm	11	400V	20M	-3
P - WS -	4150	4"	102 m³/h	56 m	15 mm	15	400V	20M	-3
P - WS -	6150	6"	150 m³/h	45 m	15 mm	15	400V	20M	-3
P - WS -	4220	4"	120 m³/h	70 m	15 mm	22	400V	20M	-3
P - WS -	6220	6"	192 m³/h	50 m	20 mm	22	400V	20M	-3
P - WS -	8220	8"	312 m³/h	30 m	20 mm	22	400V	20M	-3
P - WS -	6370	6"	150 m³/h	90 m	10 mm	37	400V	20M	-3
P - WS -	8370	8"	330 m³/h	50 m	20 mm	37	400V	20M	-3
P - WS -	6450	6"	228 m³/h	80 m	10 mm	45	400V	20M	-3
P - WS -	8450	8"	348 m³/h	55 m	20 mm	45	400V	20M	-3

* Float switch (F) available

APNO SLIM

Type	Size	Outlet	Max. Flow rate	Max. Head	Solid free passage	kW	Voltage	Cable	Phase
P - WS -	230	2"	30 m³/h	35 m	7 mm	3	400V	20M	-3
P - WS -	330	3"	54 m³/h	18 m	7 mm	3	400V	20M	-3
P - WS -	380	3"	66 m³/h	65 m	8 mm	8	400V	20M	-3

SENTINO

Type	Size	Outlet	Max. Flow rate	Max. Head	Solid free passage	kW	Voltage	Cable	Phase
P - LIGHT-	400	2"	14 m³/h	10 m	5,5 mm	0,4	230V	10M	-1
P - LIGHT-	400 (F)	2"	14 m³/h	10 m	5,5 mm	0,4	230V	10M	-1
P - LIGHT-	750	2"	19 m³/h	15 m	7 mm	0,8	230V	10M	-1
P - LIGHT-	750 (F)	2"	19 m³/h	15 m	7 mm	0,8	230V	10M	-1
P - LIGHT-	1500	2"	27 m³/h	20 m	9 mm	1,5	230V	20M	-1
P - LIGHT-	1500	2"	27 m³/h	20 m	9 mm	1,5	400V	20M	-3
P - LIGHT-	400 RW	1/2"	14 m³/h	11 m	2 mm	0,4	230V	10M	-1

* Float switch (F) available

SENTINO LIGHT

Type	Size	Outlet	Max. Flow rate	Max. Head	Solid free passage	kW	Voltage	Cable	Phase
P - LIGHT-SP	400	2"	14 m³/h	11 m	5,5 mm	0,4	230V	10M	-1
*P - LIGHT-SP	400 (F)	2"	14 m³/h	11 m	5,5 mm	0,4	230V	10M	-1
P - LIGHT-SP	750	2"	19 m³/h	15 m	7 mm	0,7	230V	10M	-1
*P - LIGHT-SP	750 (F)	2"	19 m³/h	15 m	7 mm	0,7	230V	10M	-1
P - LIGHT-SP	400 RW	1/2"	14 m³/h	11 m	2 mm	0,4	230V	10M	-1

* Float switch (F) available

ELEVARO

Type	Size	Outlet	Max. Flow rate	Max. Head	Solid free passage	kW	Voltage	Cable	Phase
P - ASO -	337	3"	78 m³/h	15 m	25 mm	3,7	400V	20M	-3
P - ASC -	337	3"	78 m³/h	15 m	25 mm	3,7	400V	20M	-3
P - ASO -	437	4"	108 m³/h	14 m	25 mm	3,7	400V	20M	-3
P - ASC -	437	4"	108 m³/h	14 m	25 mm	3,7	400V	20M	-3
P - ASO -	355	3"	102 m³/h	21 m	25 mm	5,5	400V	20M	-3
P - ASC -	355	3"	102 m³/h	21 m	25 mm	5,5	400V	20M	-3
P - ASO -	455	4"	135 m³/h	17,5 m	25 mm	5,5	400V	20M	-3
P - ASC -	455	4"	135 m³/h	18 m	25 mm	5,5	400V	20M	-3
P - ASO -	475	4"	149 m³/h	18,5 m	25 mm	7,5	400V	20M	-3
P - ASC -	475	4"	149 m³/h	18,5 m	25 mm	7,5	400V	20M	-3
P - ASO -	4110	4"	186 m³/h	26 m	25 mm	11	400V	20M	-3
P - ASC -	4110	4"	186 m³/h	26 m	25 mm	11	400V	20M	-3
P - ASO -	6110	6"	222 m³/h	22 m	35 mm	11	400V	20M	-3
P - ASC -	6110	6"	222 m³/h	22 m	35 mm	11	400V	20M	-3
P - ASO -	6150	6"	258 m³/h	30,5 m	35 mm	15	400V	20M	-3
P - ASC -	6150	6"	258 m³/h	30,5 m	35 mm	15	400V	20M	-3
*P - ASO -	6150 L	6"	330 m³/h	23 m	35 mm	15	400V	20M	-3
*P - ASC -	6150 L	6"	330 m³/h	23 m	35 mm	15	400V	20M	-3
P - ASO -	6220	6"	300 m³/h	30 m	30 mm	22	400V	20M	-3
P - ASC -	6220	6"	300 m³/h	30 m	30 mm	22	400V	20M	-3
P - ASO -	8220	8"	390 m³/h	24 m	40 mm	22	400V	20M	-3

* Specially designed impeller (L)

DOMO

Type	Size	Outlet	Max. Flow rate	Max. Head	Solid free passage	kW	Voltage	Cable	Phase
P - W-	150	1"	4 m³/h	6,3 m	6 mm	0,2	230V	10M	-1
P - W -	300	2"	12 m³/h	7,5 m	6 mm	0,25	230V	10M	-1
*P - W-	300 (F)	2"	12 m³/h	7,5 m	6 mm	0,25	230V	10M	-1
P - W-	600	2"	15 m³/h	11 m	6 mm	0,5	230V	10M	-1
*P - W-	600 (F)	2"	15 m³/h	11 m	6 mm	0,5	230V	10M	-1
SEW W-	300	2"	13 m³/h	7 m	35 mm	0,25	230V	10M	-1
*SEW W-	300 (F)	2"	13 m³/h	7 m	35 mm	0,25	230V	10M	-1
SEW W-	600	2"	18 m³/h	9 m	35 mm	0,5	230V	10M	-1
*SEW W-	600 (F)	2"	18 m³/h	9 m	35 mm	0,5	230V	10M	-1
RW W-	300	2"	5 m³/h	6,5 m	2 mm	0,5	230V	10M	-1
RW W-	600	2"	12 m³/h	11 m	5 mm	0,5	230V	10M	-1
RW W-	300 (F)	2"	5 m³/h	6,5 m	2 mm	0,5	230V	10M	-1
RW W-	600 (F)	2"	12 m³/h	11 m	5 mm	0,5	230V	10M	-1

* Float switch (F) available

CUTARGO

Type	Size	Outlet	Max. Flow rate	Max. Head	Solid free passage	kW	Voltage	Cable	Phase
P - CUT-	208	2"	24 m³/h	10 m	26 mm	0,75	230V	10M	-1
*P - CUT-	208 (F)	2"	24 m³/h	10 m	26 mm	0,75	230V	10M	-1
P - CUT-	215	2"	30 m³/h	16 m	27 mm	1,5	230V	10M	-1
P - CUT-	315	3"	39 m³/h	16 m	27 mm	1,5	230V	10M	-1
P - CUT-	315	3"	39 m³/h	16 m	27 mm	1	400V	10M	-3
P - CUT-	322	3"	54 m³/h	18 m	27 mm	2,2	400V	10M	-3
P - CUT-	337	3"	72 m³/h	20 m	37 mm	3,7	400V	10M	-3
P - CUT-	437	3"	78 m³/h	18 m	37 mm	3,7	400V	10M	-3

* Float switch (F) available

MAXIFLOW

Type	Size	Outlet	Max. Flow rate	Max. Head	Solid free passage	kW	Voltage	Cable	Phase
P - MAX-	337	3"	90 m³/h	20,4 m	76 mm	3,7	400V	10M	-3
P - MAX-	437	4"	132 m³/h	19,6 m	76 mm	3,7	400V	10M	-3
P - MAX-	455	4"	144 m³/h	21 m	76 mm	5,5	400V	10M	-3
P - MAX-	655	6"	204 m³/h	21 m	76 mm	5,5	400V	10M	-3
P - MAX-	475	4"	144 m³/h	26 m	76 mm	7,5	400V	10M	-3
P - MAX-	675	6"	240 m³/h	25 m	76 mm	7,5	400V	10M	-3
P - MAX-	4110	4"	192 m³/h	30 m	76 mm	11	400V	10M	-3
P - MAX-	6110	6"	270 m³/h	30 m	76 mm	11	400V	10M	-3
P - MAX-	4150	4"	240 m³/h	35 m	76 mm	15	400V	10M	-3
P - MAX-	6150	6"	312 m³/h	35 m	76 mm	15	400V	10M	-3
P - MAX-	4220	4"	270 m³/h	42 m	76 mm	22	400V	10M	-3
P - MAX-	6220	6"	354 m³/h	42 m	76 mm	22	400V	10M	-3

TINYFLOW

Type	Size	Outlet	Max. Flow rate	Max. Head	Solid free passage	kW	Voltage	Cable	Phase
P - MIN-	204	2"	15 m³/h	8 m	32 mm	0,4	230V	10M	-1
*P - MIN-	204 (F)	2"	15 m³/h	8 m	32 mm	0,4	230V	10M	-1
P - MIN-	208	2"	21 m³/h	12 m	37 mm	0,746	230V	10M	-1
*P - MIN-	208 (F)	2"	21 m³/h	12 m	37 mm	0,746	230V	10M	-1
P - MIN-	315	3"	33 m³/h	15 m	50 mm	1,5	230V	10M	-1
P - MIN-	315	3"	33 m³/h	15 m	50 mm	1,5	400V	10M	-3
P - MIN-	322 G	3"	48 m³/h	15 m	47 mm	2,2	400V	10M	-3
P - MIN-	337 G	3"	60 m³/h	20 m	52 mm	3,7	400V	10M	-3
P - MIN-	437 G	4"	66 m³/h	20 m	52 mm	3,7	400V	10M	-3
P - MIN-	455 G	4"	81 m³/h	29 m	52 mm	5,5	400V	10M	-3
P - MIN-	475 G	4"	90 m³/h	34 m	52 mm	7,5	400V	10M	-3
P - MIN-	322	3"	48 m³/h	15 m	55 mm	2,2	400V	10M	-3
P - MIN-	337	3"	63 m³/h	22 m	55 mm	3,7	400V	10M	-3
P - MIN-	455	4"	78 m³/h	24 m	55 mm	5,5	400V	10M	-3
P - MIN-	475	4"	102 m³/h	31 m	55 mm	7,5	400V	10M	-3
P - MIN-	322 A	3"	51 m³/h	17 m	13 mm	2,2	400V	10M	-3
P - MIN-	337 A	3"	72 m³/h	18 m	13 mm	3,7	400V	10M	-3

* Float switch (F) available

Accessories.

THERMAL AND CURRENT OVERLOAD MOTOR PROTECTION PLUGS

Item number	MPP code 28	Setting range	Volt	Plug type - 32 A
AFMPP03-32	28	2,5 A - 4,0 A	400	CEE 32 A - 5 pole
AFMPP05-32	29	4,0 A - 6,3 A	400	CEE 32 A - 5 pole
AFMPP07-32	30	6,3 A - 10,0 A	400	CEE 32 A - 5 pole
AFMPP09-32	31	10,0 A - 16,0 A	400	CEE 32 A - 5 pole
AFMPP11-32	32	16,0 A - 20,0 A	400	CEE 32 A - 5 pole
AFMPP13-32	33	20,0 A - 25,0 A	400	CEE 32 A - 5 pole
AFMPP15-32	34	25,0 A - 32,0 A	400	CEE 32 A - 5 pole

FLOAT SWITCH WITH TEMPERATURE SENSOR AND OVERLOAD PROTECTION

Item number	Max. kW	Setting range	Volt	Plug type - 32 A
AFMPPCWF01-32	7,5	1,6 A - 2,4 A	400	CEE 32 A - 5 pole
AFMPPCWF02-32	7,5	2,4 A - 4,0 A	400	CEE 32 A - 5 pole
AFMPPCWF03-32	7,5	4,0 A - 6,0 A	400	CEE 32 A - 5 pole
AFMPPCWF04-32	7,5	6,0 A - 10,0 A	400	CEE 32 A - 5 pole
AFMPPCWF05-32	7,5	9,0 A - 12,0 A	400	CEE 32 A - 5 pole
AFMPPCWF06-32	7,5	12,0 A - 16,0 A	400	CEE 32 A - 5 pole
AFMPPCWF07-32	15	16,0 A - 20,0 A	400	CEE 32 A - 5 pole
AFMPPCWF08-32	15	20,0 A - 25,0 A	400	CEE 32 A - 5 pole
AFMPPCWF09-32	15	25,0 A - 32,0 A	400	CEE 32 A - 5 pole

FLOAT SWITCH FOR USE WITH MPPCWF SWITCHES

Item number	Number of cores	Length in m.	Volt
5600070	2	10	230
5600090	2	20	230

GUIDE RAIL FITTING SYSTEMS

Guide rail type	Applicable models
GRL-02	TINYFLOW 204 / 208
GRL-02F	CUTARGO 208 / 215
GRL-03F	CUTARGO 315 TINYFLOW 315
GRF-03	CUTARGO 322 / 337 TINYFLOW 322 / 337
GRF-04	CUTARGO 437 TINYFLOW 437 / 455 / 475
GRN-03	MAXIFLOW 322 / 337 / 437
GRN-04	MAXIFLOW 455 / 655 / 475 / 675 MAXIFLOW 475 / 675 MAXIFLOW 4110 / 6110 MAXIFLOW 4150 / 6150 MAXIFLOW 4220 / 6220



Guide rail system includes:

- Cast iron upper holder.
- 5 meter stainless steel chain.
- Required fixtures.



**HABERMANN AURUM
PUMPEN**

PUMPS | VALVES | DREDGERS | ENGINEERING

**WE LOOK FORWARD TO WORKING
WITH YOU!**

HABERMANN AURUM PUMPEN GMBH

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