



**DREDGING
PUMPS**

DRAGFLOW
ULTIMATE EFFICIENCY



**AMPHIBIOUS
DREDGES**



**REMOTE CONTROLLED
DREDGES**



**CABLE
DREDGES**



**DREDGING
PUMPS**





DRAGFLOW

A success story, which began in the 80's with the production of submersible pumps with agitator for heavy-duty applications, designed and built for the treatment of high solid abrasive mixtures.

Present recognition: today our company is known throughout the world as a manufacturer of advanced dredging pumps and systems for port, maritime, energy, mining and extraction industry sectors.

A future of research and innovation in which to develop cutting-edge technologies and solutions, with a vigilant eye on customer needs and requirements.

PROJECTS and TECHNOLOGIES

International experience attained in the design and manufacture of submersible dredging pumps has enabled us to refine our proposals: we are able to offer high quality raw materials and exceptional product life.

We constantly strive to find new opportunities for improving performance even in extreme conditions, optimising energy and thus reducing the environmental impact and total costs.

Believing that there are no difficult challenges, if they are tackled with the support of our integrated technological systems: each pump can make use of accessories able to enhance its operation in all conditions.

PEOPLE

Our team is constantly evolving to find new technological solutions, which improve the performance of electric and hydraulic dredging pumps.

Every day engineers and technicians discuss new ideas to innovate and offer specific solutions even for the most complex situations, placing particular emphasis on the needs of customers and sustainability.

Our business network is solid and widespread. Consistently supported by our partners and distributors to optimise logistics and carry out interventions quickly, with the possibility of performing inspections to demonstrate the efficiency of our products.

**Try working with us.
You will see the difference.**

DREDGING PUMPS. State of the art design and quality

ELECTRIC MOTOR DESIGNED FOR HEAVY-DUTY APPLICATIONS (1)

Class H operates with mixtures with specific weight up to 1.7 kg/dm³. All pumps are available in 50 Hz and 60 Hz.

HIGH QUALITY METALLURGY (2)

Parts subject to wear are produced using HIGH CHROME ensuring longer life.

SENSORS

FOR EXTRA PROTECTION

Temperature and humidity sensors are available to handle complex applications.

HIGH CHROME WEAR PLATE (3)

Adjustable and positioned on the suction side.

FRONT DEFLECTOR (4)

SERVICE BOLTS (5)

- flushing of seals
- oil inspection
- double grease point

THRUST BEARINGS

Reduce vibrations and support movement.

SOLID TRANSPORTING UP TO 120 MM

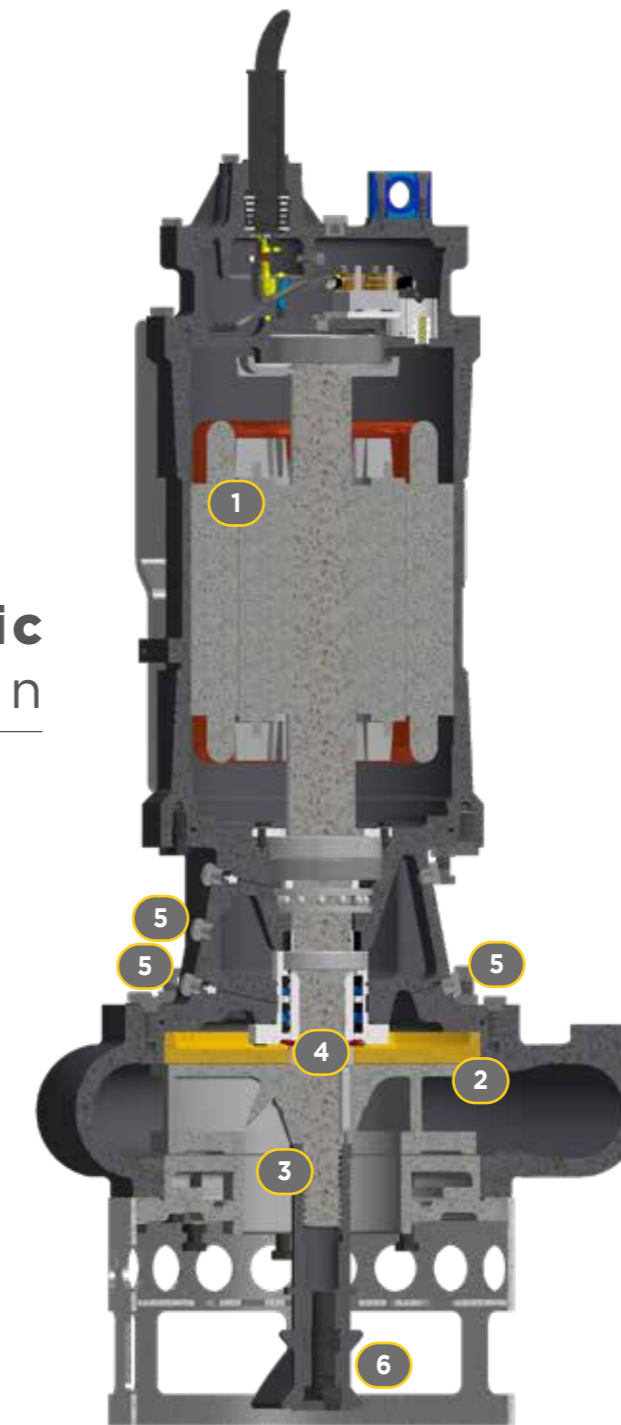
Handling from 20 mm up to 120 mm in the largest pumps.



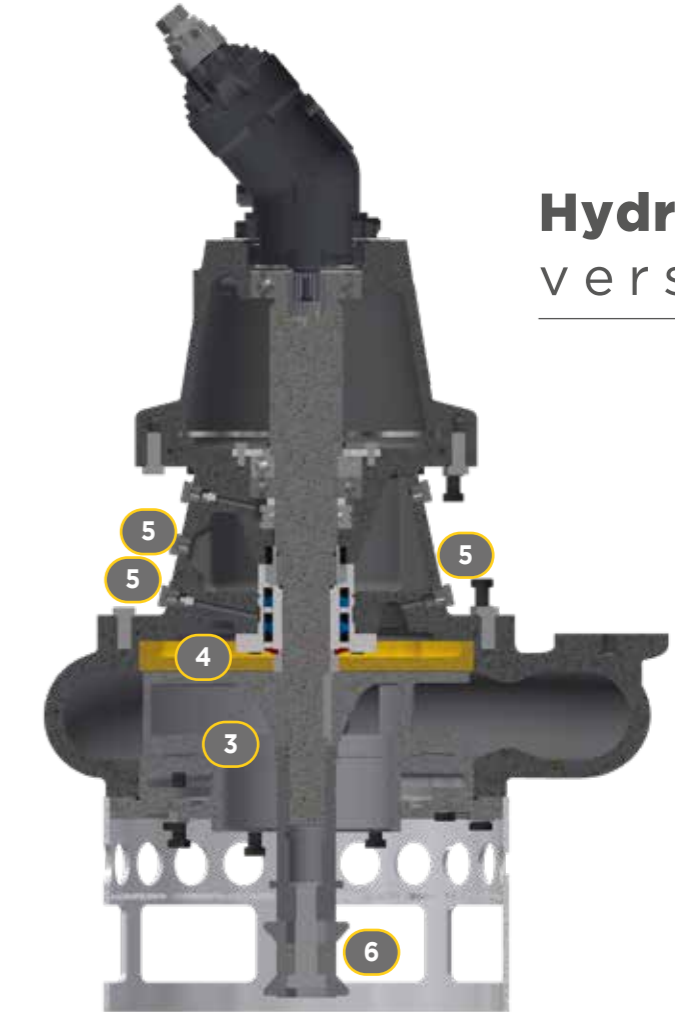
AGITATOR (6)

- high efficiency agitator for lifting sedimented solid material
- able to pump up to 70% per weight density
- high abrasion resistance
- low rotation speed to reduce wear
- reversible for longer life

Electric version



Hydraulic version



HIGH HEAD PUMPS FOR HEAVY-DUTY APPLICATIONS



HH Versions

Designed to transport any type of mixture, the high head line does an excellent job on heavy water and abrasive solids mixtures at a much higher pressure than any other submersible agitator pump on the market.

HYDRAULIC PUMPS



Characteristics:

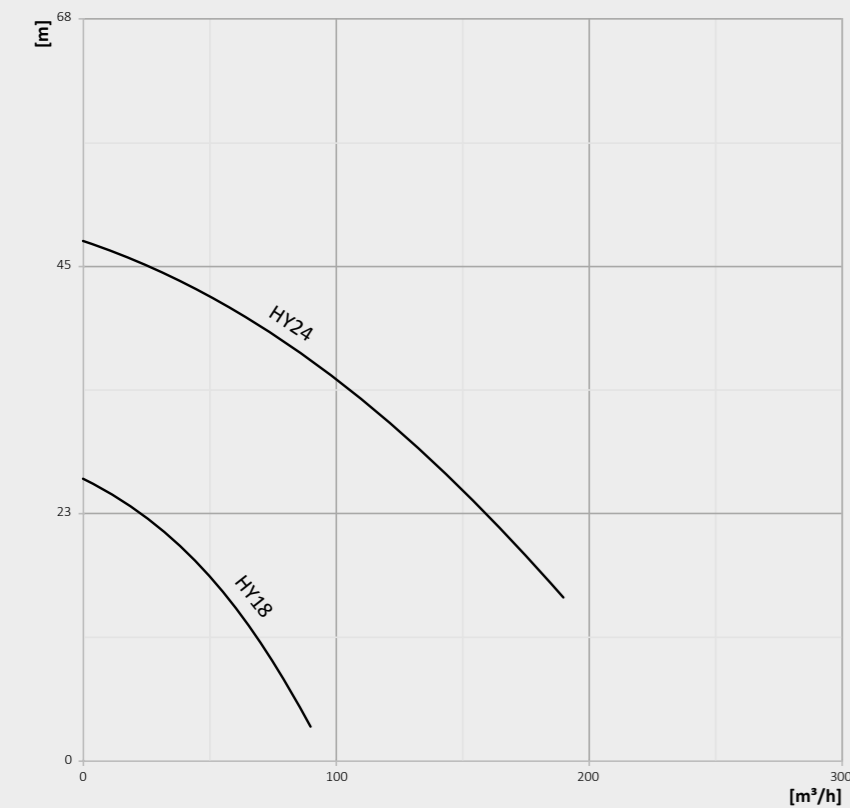
- Power: from 13 kW (17 hp) to 475 kW (630 HP)
- Flow rate: up to 4500 m³/h
- Drain diameter: up to 450 mm (18 inches)

HYDRAULIC PUMPS

HY18 - HY24



Model	Delivery		Capacity		Head		Power	R.P.M.	Solid Handling		Weight	
	mm	inch	m³/h	rpm	m	ft	HP/kW	50/60 Hz	mm	inch	kg	Lbs
HY18	80	3	50	220	17,5	57	17 / 13	2000	20	0,8	170	375
HY24	100	4	80	352	37	121	32,5 / 24	2000	25	1,0	220	485



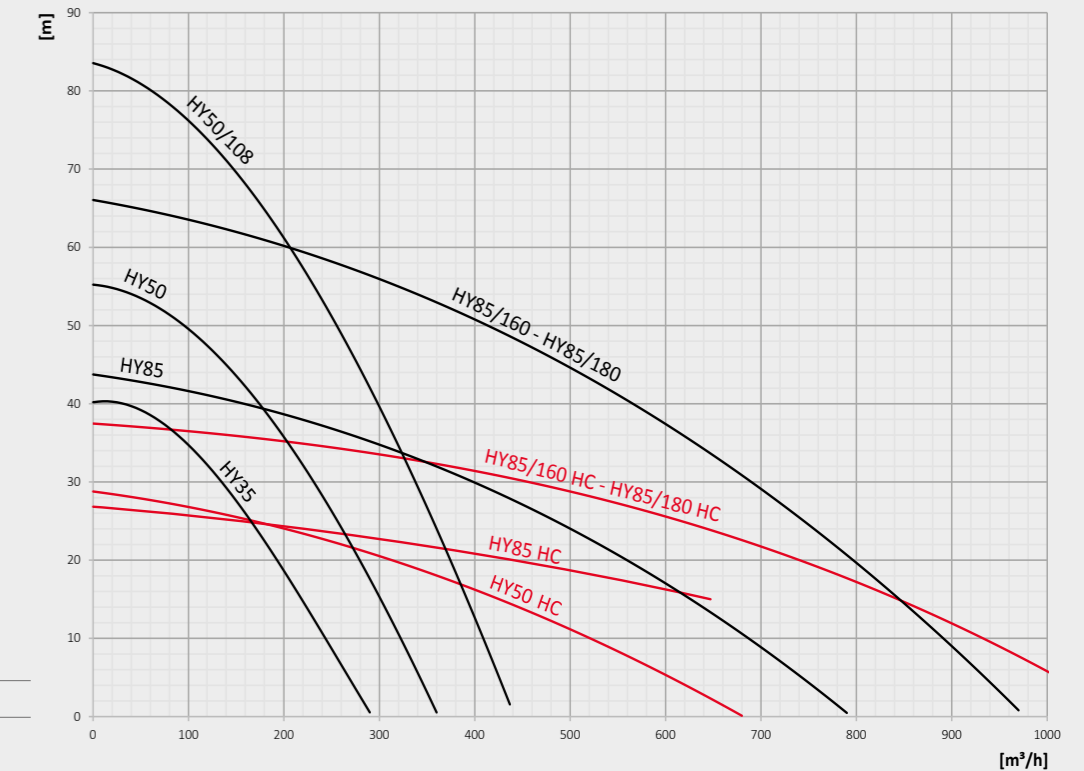
HYDRAULIC PUMPS

HY35 - HY85

Model	Delivery		Capacity		Head		Power	R.P.M.	Solid Handling		Weight	
	mm	inch	m³/h	rpm	m	ft	HP/kW	50/60 Hz	mm	inch	kg	Lbs
HY35	100	4	120	528	30	98	40 / 33	1180	35	1,4	530	1170
HY50	100	4	110	484	44	144	67 / 50	1180	35	1,4	610	1340
HY50 HC	150	6	250	1101	22	72	67 / 50	1180	60	2,4	700	1540
HY50/108	100	4	100	440	70	230	110 / 80	1450	35	1,4	610	1340
HY85	150	6	240	1057	37	121	87 / 65	1180	60	2,4	750	1650
HY85 HC	250	10	620	2730	16	52	87 / 65	1180	90	3,5	1030	2270
HY85/160	200	8	250	1101	56	184	165 / 120	1450	60	2,4	820	1810
HY85/160 HC	250	10	650	2862	27,5	90	165 / 120	1450	90	3,5	1100	2450
HY85/180	200	8	250	1101	56	184	170 / 130	1450	60	2,4	820	1810
HY85/180 HC	250	10	650	2862	27,5	90	170 / 130	1450	90	3,5	1150	2540



HC = high capacity

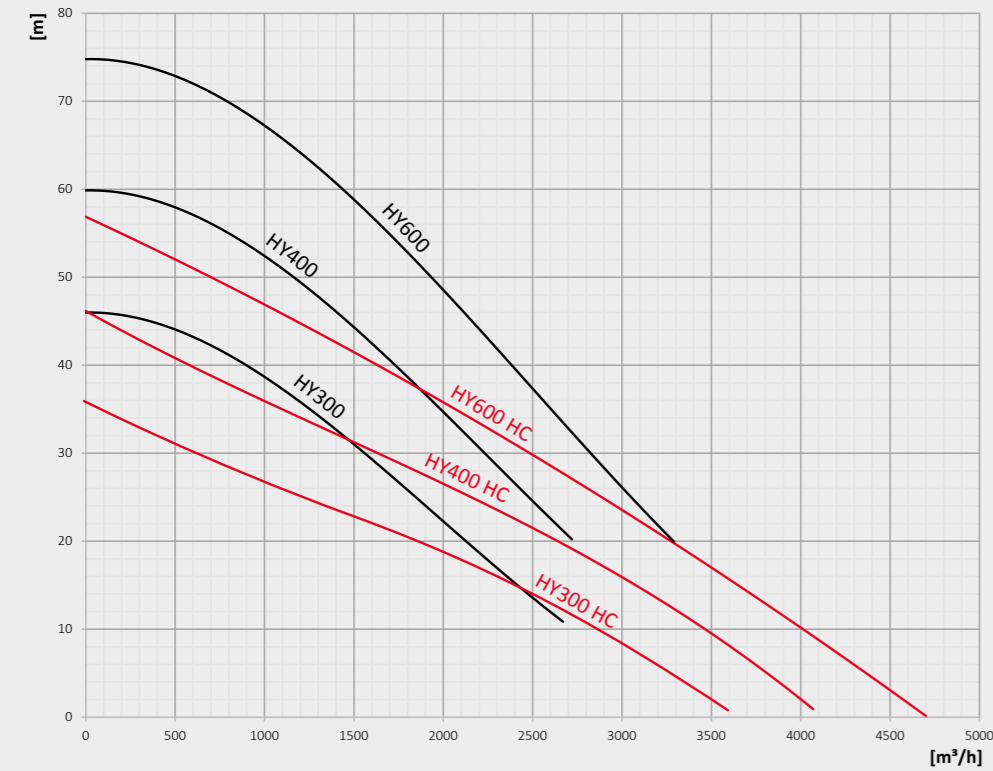


HYDRAULIC PUMPS

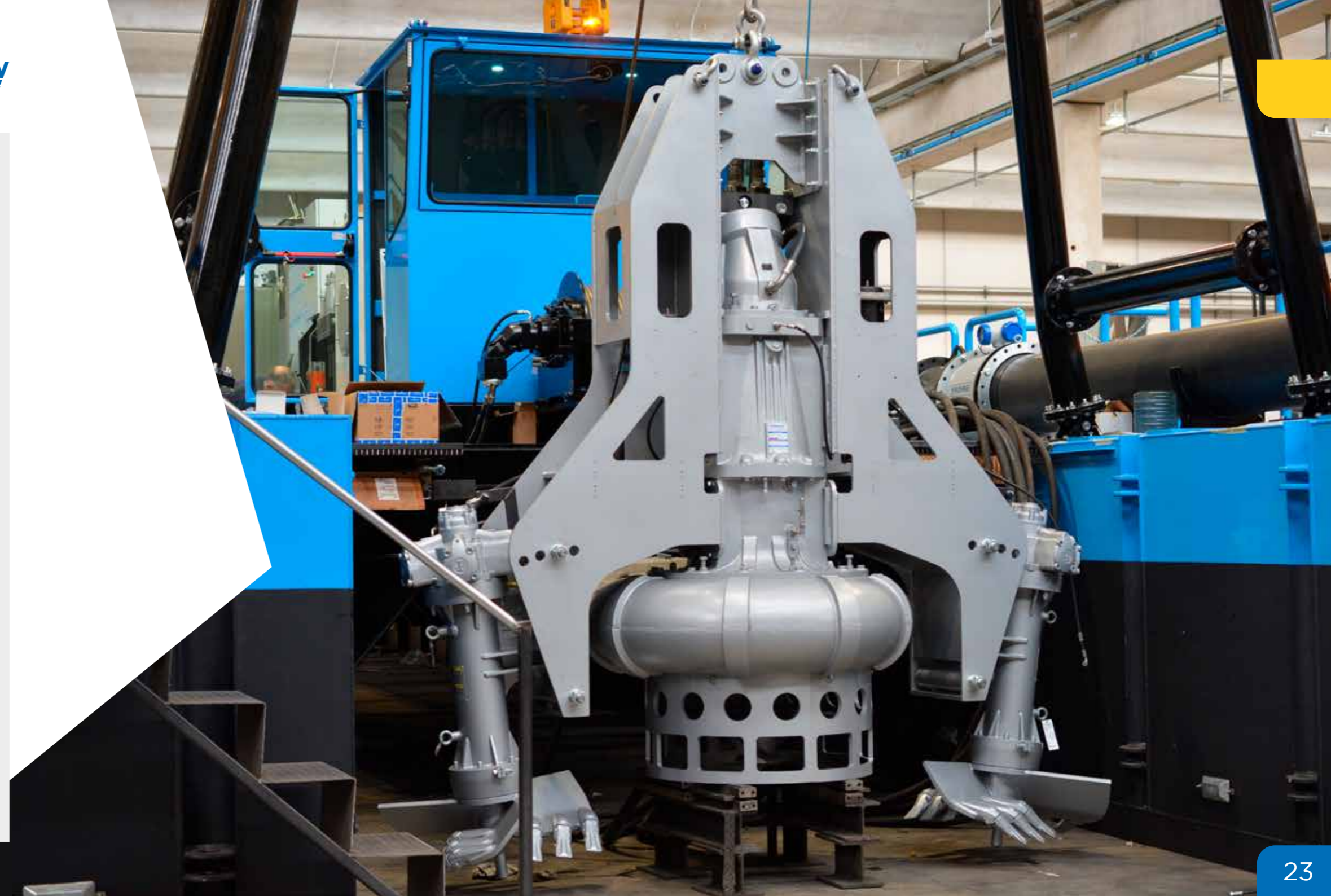
HY300 - HY600



Model	Delivery		Capacity		Head		Power	R.P.M.	Solid Handling		Weight	
	mm	inch	m³/h	rpm	m	ft	HP/kW	50/60 Hz	mm	inch	kg	Lbs
HY300	250	10	900	3963	34	112	300 / 220	750	120	4,7	3500	7700
HY300 HC	450	18	900	3963	34	112	300 / 220	750	120	4,7	4400	9700
HY400	300	12	1020	4491	44	144	400 / 300	850	120	4,7	3680	8100
HY400 HC	450	18	1020	4491	44	144	400 / 300	850	120	4,7	4500	9920
HY600	300	12	1570	6912	57	187	630 / 475	950	120	4,7	3800	8400
HY600 HC	450	18	2300	10126	32	104	630 / 475	950	120	4,7	4600	10140



HC = high capacity





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