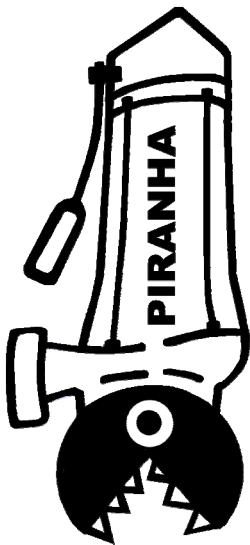




X-POWER

Piranha



PIRANHA

**Professional grinder submersible pumps
for sewer and waste water**



X-POWER

Piranha

Description:

The Piranha grinder pumps are particular electric pumps for waste water. They are designed to handle sewage that is fed from underground gravity pipelines.

These pumps turn on, grind the waste into a fine slurry, and pump it to the central sewer system or septic tank.

Efficient and performing, the "Piranha" grinder sewer pumps are used where the normal submersible sewage pumps are not able to withstand high workloads.

This kind of pumps are suitable where solids and filamentous substances hinder the normal functionality of the sewage system.

The "Piranha" series is made with excellent materials. The state-of-the-art construction technique and the testing for each single machine produced, give the pump a great reliability of operation.

Piranha pumps are tested for shredding of: organic substances, toilet paper, rags, short and long fibers, filamentous substances, jeans cloths, towels, table cloths, handkerchiefs and soaked wipes, latex rubber, baby diapers, sanitary napkins, tampons, towels and much more.



X-POWER

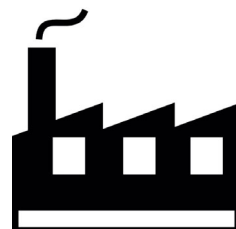
Piranha

Materials:

The upper support, the delivery flange, and the base are in gray fine-grained cast iron. Stainless steel flange nuts and bolts. The "Grinder-X" shredding unit is made in tempered steel.

Applications:

Submersible sewage pumps are used where the difference in height does not allow the normal evacuation of wastewater, coming from homes, agricultural or industrial applications. The "Piranha" series are unrivaled: thanks to the X-1000 anti-clogging shredding system, they can shred rags, soaked wipes, towels, solid bodies and filaments. They are built to protect the motor winding from current over-absorption, and they guarantee a high efficiency.





X-POWER

Dinamica

Equipment:

- 8 meters of electric cable (3x1,5) with schuko plug
- DN50 X 2" F counterflange
- DN50 seal
- 4 bolts + nut
- Integrated float switch (SG version: no float switch)



Grinder-X1000 grinder unit





X-POWER

Piranha

Electrical data:

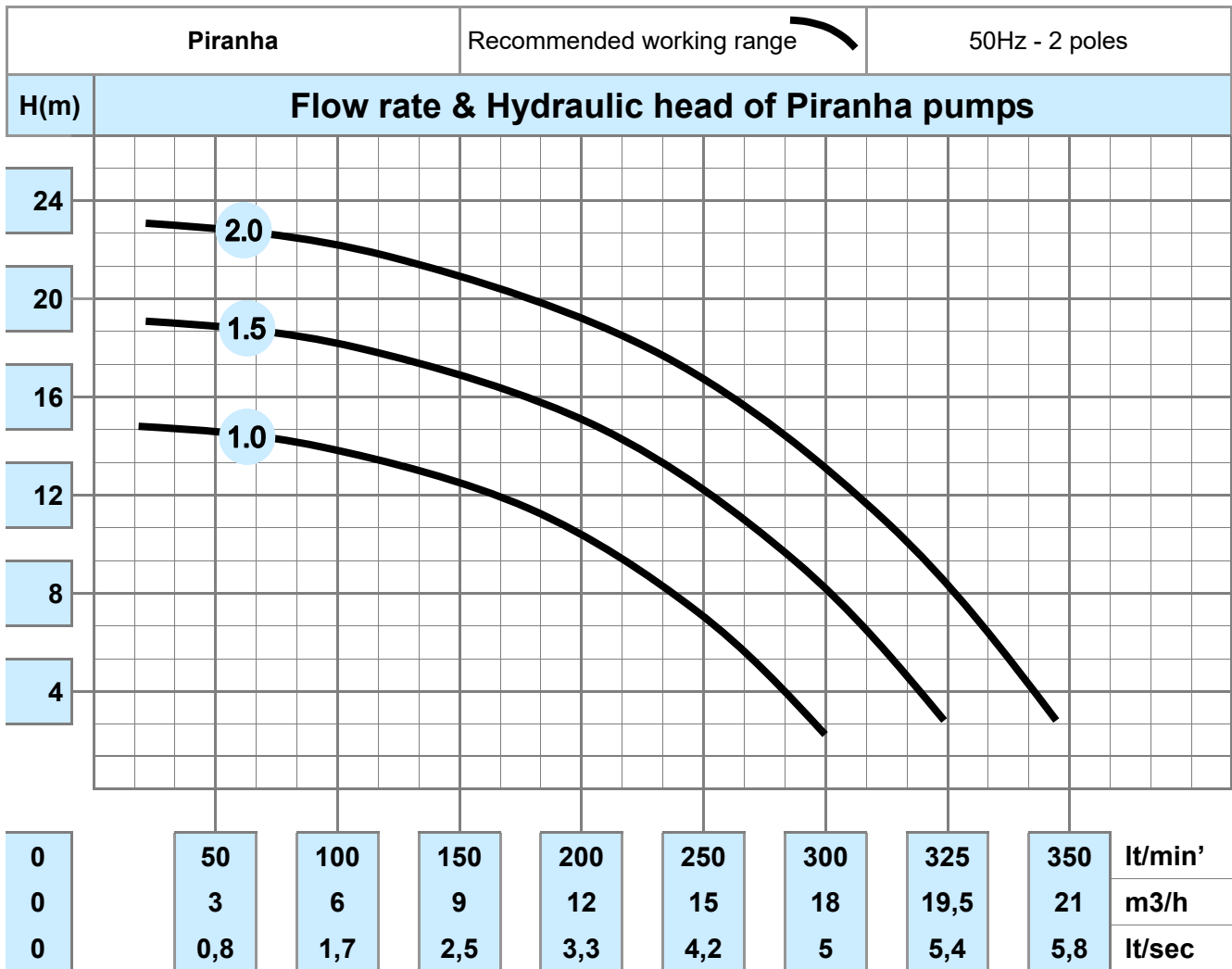
Single-phase 230 Vac Model	Electric data			
	Protection class	Power	Current	Condensator
PIRANHA 1.0	IP68	1,00HP	6,6 A	30 MF
PIRANHA 1.5	IP68	1,50HP	8,9 A	35 MF
PIRANHA 2.0	IP68	2,00HP	10,0 A	40 MF



X-POWER

Piranha

Performance data



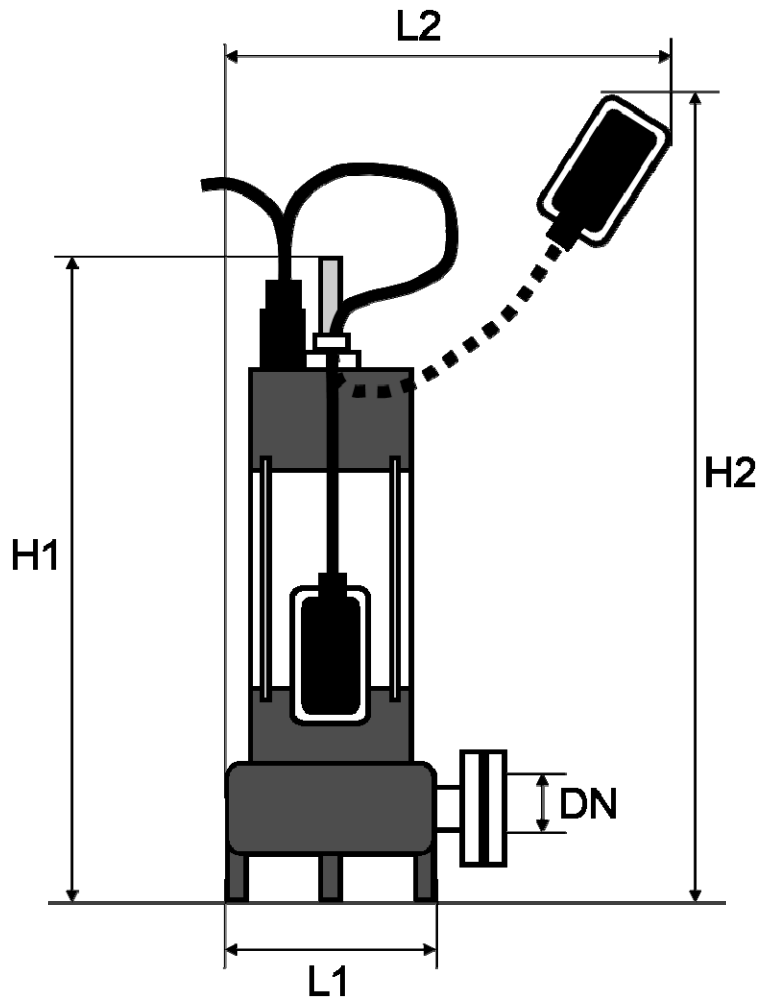
MODEL 1x230	Power		Unit of measure		Flow & Head						
			Flow rate:	L/min'	0	100	150	200	300	325	350
	kW	HP		m3/h		0	6	9	12	18	19,5
PIRANHA 1.0	0,75	1,00	Height=metersi Corrispondence Meters in bar (1 mt.=0,1 Bar)	14	12,5	11,5	9,5	3	-	-	
PIRANHA 1.5	1,10	1,50		19	17,5	14	11,5	5,3	4		
PIRANHA 2.0	1,50	2,00		23	20,5	16	13,5	7	5	4	



X-POWER

Piranha

Dimensions



Single-phase 230Vac model	Delivery pipe	Dimensions (mm)				Weight Kg
	DN1	H1	H2	L1	L2	
PIRANHA 1.0	2"	500	610	170	300	28
PIRANHA 1.5	2"	520	630	170	300	30
PIRANHA 2.0	2"	550	650	170	300	34

Distributor for Italy
Elettromek Patti (ME)

tel.: +39 0941 3613 36 - mail: info@xpowerwaterpumps.com