

TYPE:

TOWER

VERTICAL PUMP WITH BELT DRIVE AND PULLEYS

FIELDS OF APPLICATION:

Special pumps for abrasive liquids such as stone, aggregates, cement waters, glass, and ceramics.

TECHNICAL FEATURES

AXIS: Vertical pump with sealed chamber bearings for working cantilevered without immersed supports.

BODY: Made of cast iron, divided into two parts, coated with wear-resistant compound.

Replaceable and adjustable anti-abrasive rubber shells for quick maintenance.

DISCHARGE CURVE: Equipped with interchangeable rubber sleeve for connecting the pump to the discharge pipe.

IMPELLER: Non-clogging open type impeller, consisting of a steel core coated with a special anti-abrasive compound.

OPTIONAL

Upon request, it is possible to insert an extension between the suction pipe and the lower BODY to increase the distance between the bearing and the liquid, thus keeping the motor outside the tank.

R



SECTORS

MARBLE
GRANITE
AGGREGATES
RECYCLING
MINING

MADE IN ITALY

OPERATING CHARACTERISTICS

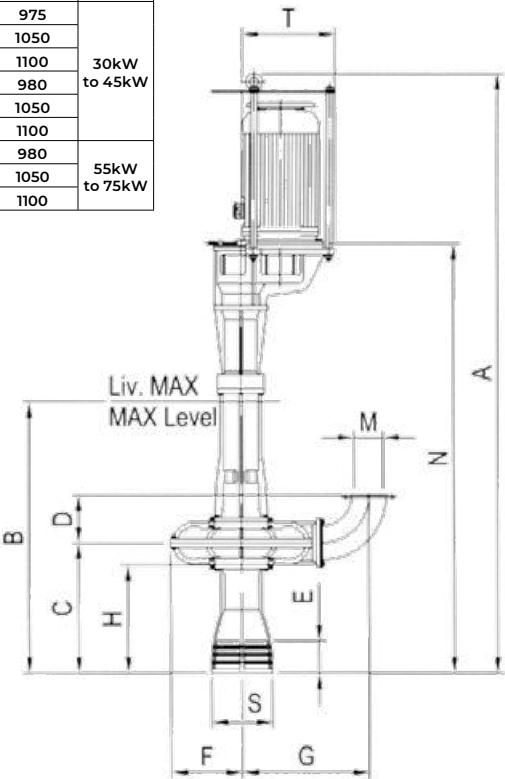
PUMPS	FLOW RATE																									MOTOR*		
	m³/h	12	18	24	30	45	60	75	90	105	120	135	150	180	210	240	270	300	330	360	390	420	450	480	SPEED (RPM)			
	l/m	200	300	400	500	750	1000	1250	1500	1750	2000	2250	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000				
TWR 75	HEAD (m)			17,5	17	16,5	15	13	11																	1455	7.5kW to 22kW	
					26	25,5	23,5	21,5	19																	1750		
					30	29,5	28	25,5	23																	1900		
TWR 75S					20,5	20	18,5	16,5	14,5	12																1460	11kW to 30kW	
					30,5	30	28,5	26,5	24,5	21,5																1750		
TWR 100						18,5	18	17	16	15	13,5	12	10														970	30kW to 45kW
							23	22	21	20	18,5	17	15,5	13,5												1100		
							25	24	23	21,5	20	18,5	17	15												1150		
TWR 121								18,5	18	17,5	16,5	16	15,5	15	13,5	12	10	8									970	55kW to 75kW
									23	22,5	22	21,5	21	20	18,5	16,5	14,5	12,5								1100		
									25	24,5	24	23,5	22,5	21,5	20	18,5	16,5	14,5								1150		
TWR 123									21	20,5	20	19,5	19	18	17	15,5	13,5	12	10								975	7.5kW to 22kW
								27	26,5	26	25,5	25	24	23	21,5	19,5	17,5	15							1100			
								29	28,5	28	27,5	27	26	24,5	23	21	19	17							1150			
TWR 125								23	22,5	22	21,5	20,5	20	18,5	17	15,5	13,5	11,5								975	30kW to 45kW	
									26	25,5	25	24,5	23,5	22	20,5	19	17	15							1050			
									29	28,5	28	27	26	25	23,5	21,5	19,5	17							1100			
TWR 160										20	19,5	19	18,5	18	17,5	17	16	15	14	13	12	11	10			980	55kW to 75kW	
											23	22,5	22	21,5	20,5	20	19	18	17	16	15	14			1050			
											25,5	25	24,5	24	23,5	22,5	21,5	20,5	19,5	18,5	17,5	16			1100			
TWR 200													23	22,5	22	21,5	20,5	20	19	18	17	16	15	14	13	980	7.5kW to 22kW	
													26,5	26	25,5	24,5	24	23	22	21	20	19	17,5	16	1050			
														29	28,5	28	27	26	25	24	23	22	21	19,5	18,5	1100		

*Indicative data; measurement made with water; motor sizes and may vary when working with high density sludge.

DIMENSIONAL

PUMPS	SIZE (mm)												WEIGHT (Kg)
	A	B	C	D	E	F	G	H	M	N	S	T	
TWR 75	2630	1050	415	200	105	260	475	330	100	1925	270	395	390
TWR 75S	2630	1050	415	200	105	260	475	330	100	1925	270	395	415
TWR 100	3300	1450	515	205	115	360	580	400	100	2485	280	485	770
TWR 121	3350	1500	615	420	145	400	610	500	125	2535	240	485	840
TWR 123	3410	1500	615	420	145	400	610	500	150	2535	340	595	965
TWR 125	3410	1500	615	420	145	400	610	500	150	2535	340	595	1015
TWR 160	3870	1750	840	310	210	450	810	700	175	2775	385	595	1190
TWR 200	3870	1750	840	310	210	450	810	700	175	2775	385	595	1340

Indicative dimensions and weights



ALFA POMPE
ITALIAN PUMPS FOR HEAVY DUTY SOLUTION
DIMENSIONAL DRAWING