

Masters in Boosters

ALGO
PUMPS | MOTORS | DRIVES



**WE KEEP YOU
UNDER PRESSURE**



PRESSURE BOOSTER SYSTEMS

SPECIFICATION

Power	: 0.5 to 2 HP
Speed	: 2900rpm
Version	: 1Ph 230V, 50Hz
Duty	: S1 (Continuous)
Insulation Class	: B / F
Protection	: IP 44 / 55
Head Range	: Upto 52m
Flow Range	: Upto 150lpm

OPERATING CONDITIONS

Max. Liquid Temp.	: 120°C
Max. Ambient Temp.	: 40°C
Max. Operating Pressure	: 7 bar



MATERIALS OF CONSTRUCTION

Pump Suc. & Del.	: SS 304 / Cast Iron / SS 316
Motor Body	: Aluminium
Impeller	: SS 304 / SS 316
Shaft	: SS 410 / SS 304
Mechanical Seal	: Carbon Ceramic
Bearing	: Double Shielded Ball Bearing

PERFORMANCE TABLE

MODEL	POWER		Pump Size (mm)	Head in Meters	Discharge in lpm					
	kW	HP			0	26	43	60	75	86
PMS4-50	0.37	0.5	25x25	Head in Meters	30	25	20	15	10	5
PMS4-100	0.75	1	25x25		40	37	32	28	20	15
PMS4-150F	1.1	1.5	25x25		50	48	41	36	28	17
PMS4-200F/H	1.5	2	25x25		60	57	52	45	36	20

System Consists of

SS Horizontal Multistage Pump, Danfos Pressure Switch, Pressure Gauge, Brass 5 way Connector, NRV, Pressure Tank

MINI BOOSTER PUMPS

SPECIFICATION

Power	: 0.25 to 1HP
Speed	: 2900rpm
Version	: 1Ph 230V, 50Hz
Duty	: S1 (Continuous)
Insulation Class	: B & F
Protection	: IP 44
Head Range	: 4 to 54 m
Flow Range	: 5 to 50 lpm
Pressure Tank Capacity	: 2 & 24 ltr

OPERATING CONDITIONS

	Booma	Forza
Suction Lift	: Upto 8 mtrs	-
Max. Liquid Temp.	: 40°C	50°C
Max. Ambient Temp.	: 40°C	40°C

MATERIALS OF CONSTRUCTION

Pump Casing & Bracket	: Cast Iron
Motor Body	: Aluminium
Impeller	: Forged Brass, SS 304 & Noryl
Diffuser	: SS 304 / Noryl
Shaft	: SS 410 / SS 420
Mech. Seal	: Carbon Ceramic / Ceramic Alumina
Bearing	: Double Shielded Ball Bearing



PERFORMANCE TABLE

MODEL	POWER		No. of Stage	Pump Size (mm)	Head in Meters	Discharge in lpm									
	kW	HP				5	10	15	20	25	30	35	40	45	50
Booma-25	0.18	0.25	-	25x25	Head in Meters	24	20	18	14	11	8	4	-	-	-
Booma-50	0.37	0.5	-	25x25		35	30	20	11	7	-	-	-	-	-
Forza-100	0.75	1.0	4	25x25		54	43	41	39	37	35	32	27	24	22

Function

Automatically starts and stops the pump on opening and closing the taps to maintain constant pressure always.

SELF PRIMING SS JET PUMPS

SPECIFICATION

Power	: 0.5 to 1.5 HP
Speed	: 2900rpm
Version	: 1Ph 230V, 50Hz (PSC) Inbuilt with T.O.P
Duty	: S1 (Continuous)
Protection	: IP 54
Insulation Class	: B
Head Range	: 10 to 40m
Flow Range	: 9 to 62lpm

OPERATING CONDITIONS

Suction Lift	: Upto 7m
Max. Liquid Temp.	: 50°C
Max. Ambient Temp.	: 40°C



MATERIALS OF CONSTRUCTION

Pump Casing	: SS 304
Motor Body	: Aluminium
Impeller	: SS 304
Shaft	: SS 304
Mechanical Seal	: Carbon Ceramic
Bearing	: Double Shielded Ball Bearing

PERFORMANCE TABLE

MODEL	POWER		Pump Size (mm)	Discharge in lpm	Head in Meters						
	kW	HP			10	15	20	25	30	35	40
PMS-JS-50	0.37	0.5	25x25		42	38	30	19			
PMS-JS-75	0.55	0.75	25x25			55	49	37	21	9	
PMS-JS-100	0.75	1	25x25			60	54	45	33	16	
PMS-JS-150	1.1	1.5	25x25			62	59	50	42	27	14

HOT WATER CIRCULATORY PUMPS

SPECIFICATION

Power	: 38 to 1100 Watts
Version	: 1Ph 230V, 50Hz
Degree of Protection	: IP 44
Insulation Class	: F
Mounting Position	: Horizontal
Head Range	: 3 to 20mtr
Flow Range	: 10 to 385lpm

OPERATING CONDITIONS

Max. Liquid Temp.	: -5°C to 110°C
Max. Ambient Temp.	: 40°C
Max. Operating Pressure	: 10 bar
Max. Humidity	: 95%
Min. Inlet Pressure	

Min. Inlet Pressure at Suction Port	
At + 85°C	0.5 bar (Upto 300m msl)
At + 95°C	0.3 bar (Upto 300m msl)
At + 110°C	1 bar (Upto 300m msl)

MATERIALS OF CONSTRUCTION

Casing	: Cast Iron
Impeller	: Composite PP
Shaft	: Ceramic
Motor Body	: AL Die Casting
Thrust Bearing	: Graphite Carbon & Ceramic
Terminal Box / Cover	: Composite PPE / PS
'O' Ring	: EPDM Rubber
Vent Plug	: Brass
Bearing Plate	: Stainless Steel
Intermediate Ring	: Stainless Steel



PERFORMANCE TABLE

MODEL	Power in W			Max Head in m			Max Flow in lpm			Amps			Cap. µF	Pipe Size (mm)	Port to Port (mm)	I/O	Wt in kg
	H	M	L	H	M	L	H	M	L	H	M	L					
CR15-6/93	93	67	46	6	5	3	48	35	21	0.42	0.3	0.21	3	15	130	1"	2.2
CR15-8/165	165	115	75	8	7	5	65	42	22	0.75	0.52	0.34	4	15	180	1"	3.3



ALGO GROUP OF COMPANIES

ALGO FLUID SYSTEMS PRIVATE LIMITED

Plot No: 2403/1, G.I.D.C. Estate,
Ahmedabad Mehsana Highway, Chhatral, Kalol Taluka,
Gandhinagar Dist., Gujarat, India - 382729.
Tel. : +91-2764-234240 / 8098770708
E-mail : sales@algopumps.com
web : www.algopumps.com

ALGO HYDRO TECH

No:9/132-7, Kalapatti Main Road, Kaikolapalayam,
Mylampatti - Post, Coimbatore - 641062 Tamilnadu.
M.: +91 99761 70074 | E-mail: salescbe@algopumps.com

ALGO AQUA TECH

43/2/2 Krushnai ware house, Manter Wadi Urulidevachi,
B/h Sai Om Petrol Bunk, Pune- 412308, Maharashtra.
Ph.: +91 74474 61552 | E-mail: salespune@algopumps.com

ALGO PUMP TECHNICK

3, 2/part, Wahab Nagar, Sikh Village, Secunderabad,
Hyderabad, Telangana-500 009
Ph.: +91 96555 00959 | E-mail: salesapt@algopumps.com