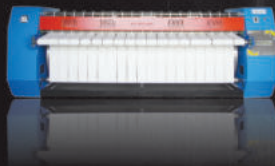




**N A G A R J U N**  
INTERNATIONAL TRADING COMPANY

*We Grow Together...*

**18**  
YEARS



AN ISO 9001 : 2015 CERTIFIED COMPANY

2023

INDUSTRIAL WASHING, FINISHING EQUIPMENTS & POWER LAUNDRY MACHINERIES

## Front Loading Washing Machine | Standard

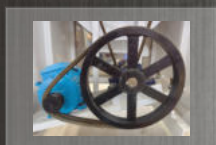


Front-loading washers are mechanically simple compared to top-loaders, with the main motor normally being connected to the drum via a grooved pulley belt and large pulley wheel, without the need for a gearbox. The action of a front-loading washing machine is better suited to a motor capable of reversing direction with every reversal of the wash basket.

- The Front Loading Laundry Machine features a high-quality stainless steel inner and outer basket, with an optional 316 grade for dyeing.
- These economically-priced units suit various laundry, textile processing, and dyeing applications.
- They are available in Steam, Electric, and Thermic fluid options.
- Heating and Water level are controlled through electric and pneumatic solenoid valves (Optional).
- The Door glass allows easy viewing even when the machine is running.
- There is an option for variable frequency controlled drive(Inverter) for required cylinder speed.
- Specially designed stuffing box filled with gland packing and silicon seals. No chances of leakage.

Our primary objective in designing this machine is to

- Reduce water consumption.
- Minimise steam usage.
- Optimise processing time while increasing loading capacity.
- Enhance durability.
- Decrease reliance on manpower.



Motor Pulley



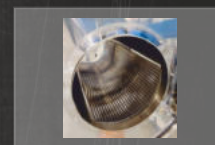
Heater Box  
(Optional)



Soap Cup



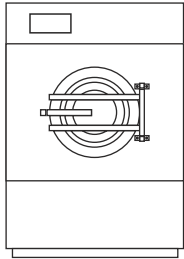
Panel Board



Perforation

## Front Loading Washing Machine | Standard

### PERFORMANCE

Motor Brand	ABB/Equivalent	
Volt	415 / 3Ø	
Rpm	32	
VFD(Optional)	Adjustable Drum Rotation 0-32 RPM	
Forward/reverse	Adjustable 0-60 Seconds	
Beaters	To improve wash Quality	
Washing Time	0-60 min controlled by Timer	
Temperature	0-60° Controlled by Digital Temperature Sensors	
Control panel	Manually Operated Switch Controls	
Water level	See through Gauge glass	

### SAFETY

Door Open Cut Off	Limit Switch
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### CONSTRUCTION

Outer Drum	Stainless Steel 304 Grade
Inner Drum	Stainless Steel 304 Grade
Perforation	Punching Press
Side Cover	Stainless Steel 202 Grade
Back Plate	Mild Steel Plate Covered by Stainless Steel 202 Sheet
Base Frame	Mild Steel Channel
Door	Stainless Steel 304 Grade
Belt Adjustment	Screw Rod
Shaft Gland	Bearing with Gland Covered by Asbestos Rope
Nuts, Bolts And Connectors	Mild Steel
Drum and Side panel Joint	By using Asbestos Sheet
Control Box	Mild Steel with Knob
Safety Mesh	Mild Steel
Cutting	CNC
Bending	CNC
Welding	MIG/TIG

### AESTHETIC

Overall Finish	Gloss
Logo	Standard Sticker

### GENERAL

Model	SFW 20	SFW 35	SFW 70	SFW 100
Dry Weight in Kg	15	35	70	100
Drum Size in mm	Ø700 x 480	Ø920 x 520	Ø1100 x 760	Ø1300 x 750
Drum Volume in Liter	185	345	720	995
Liquor Ratio	01:10			
Over All Dimension in mm	910 x 1160 x 1575	1200 x 1250 x 1630	1500 x 1600 x 1700	1700 x 1800 x 1900
Door Open in mm	Ø450	Ø550	Ø600	Ø600

### TECHNICAL SPECIFICATION

	SFW 20	SFW 35	SFW 70	SFW 100
Steam Consumption Kg/Hr	15	30	60	100
Water Inlet in mm	25	25	37	50
Drain Outlet in mm	65	75	75	100
Heater in Kilowatt	6	9	12	18
Foundation	Not Required			
Weight in Kgs	300	500	700	1000
Motor Power in kw	0.75	1.5	2.25	4



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