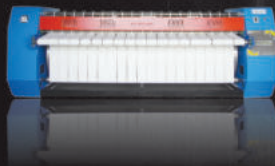




**N A G A R J U N**  
INTERNATIONAL TRADING COMPANY

*We Grow Together...*

**18**  
YEARS



AN ISO 9001 : 2015 CERTIFIED COMPANY

2023

INDUSTRIAL WASHING, FINISHING EQUIPMENTS & POWER LAUNDRY MACHINERIES



## Hydro Extractor Non Co Axial | Piston Type



**Non Co Axial**

- Our compact Industrial Hydro Extractor boasts low maintenance requirements and features inner and outer drums made of 304 Grade stainless steel. It operates with minimal noise and vibrations.

- Functioning on the unique principle of centrifugal force, our Hydro extractors are solid and reliable equipment. They achieve thorough water extraction, up to 70%, resulting in significantly reduced moisture retention and faster drying times.

- To ensure safety and easy maintenance, the machine is equipped with a mechanical brake that enables immediate stoppage at any desired Time. It is also self-balancing and incorporates a single-phase preventer and motor-protecting relay.

- Experience silent vibrations, reduced maintenance, and enhanced durability with our product.

- The hydraulic circuit can generate a stable and powerful pressure, reaching a maximum of 275 bar:

- All parts that come into contact with linen and water are constructed from stainless steel. The outside panel is also made of stainless steel.

- Featuring an imported thick membrane, the sidewall has a thickness of 45mm, while the bottom is 30mm thick. The thick stainless steel basket frame (30mm) ensures superior strength in the upper and bottom bases and columns, preventing deformation.

- The hydraulic-driven pusher automatically discharges the cake, with the discharge direction tailored to suit the laundry site conditions. Benefit from the fully imported Parker hydraulic control system and cylinder components.

- The PLC control system offers a graphical display and instructions with a comprehensive menu, system, and dialog box. It provides access to 100 programs with adjustable parameters and various visual alarm notifications.

- Multiple pre-press cycles can be set to minimise linen damage. Choose from three machines with different pressure options.



**Piston Type**

## Hydro Extractor Non Co Axial | Piston Type

PERFORMANCE	NON CO-AXIAL	PERFORMANCE	PISTON TYPE
Motor Brand	Specially Designed by us	Motor Brand	Imported
Volt	415 / 3Ø	Volt	415 / 3Ø
Rpm	750	Extraction Time	2 min Per Cycle
VFD(Optional)	Adjustable Drum Rotation 0-750 RPM	Capacity Per Hour	2000 Kg
Extraction Time	0-15 min controlled by timer	Control Panel	Touch
Control panel	Manually Operated by Switches	Extraction	Through Piston
Breaking	Manually with Braking pads		
Drum with Motor	Non Co-axially Connected with		

### SAFETY

Door Open Cut Off	Limit Switch	Emergency Switch	Push Button
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### SAFETY

### CONSTRUCTION

Outer Drum	Stainless Steel 304 Grade	Main Basket	SS 304 Grade
Inner Drum	Stainless Steel 304 Grade	Piston Base	SS 304 Grade
Perforation	Turret punch Press	Outer Body	Stainless Steel
Base Frame	Mild Steel Plate	Base Frame	Mild Steel Plate
Springs	Helical Compression	Hydraulic System	Imported Parker
Spring Adjustment	Screw Rod	Nuts, Bolts And Connectors	Mild Steel
Nuts, Bolts And Connectors	Mild Steel	Control Box	MS with Lock
Control Box (Optional)	Mild Steel with Lock	Cutting	CNC
Cutting	CNC	Bending	CNC
Bending	CNC	Welding	Laser MIG/TIG
Welding	Laser MIG/TIG		

### CONSTRUCTION

### AESTHETIC

Overall Finish	Gloss PU Paint	Overall Finish	Gloss PU Paint
Logo	Standard Sticker	Logo	Standard Sticker

### AESTHETIC

### GENERAL

Model	SNH 60	SNH 120	Model	SPHP 75
Dry Weight in Kg	60	120	Dry Weight in Kg	75
Drum Size in mm	Ø915 x 450	Ø1220 x 485	Piston Size in mm	Ø970
Drum Volume in Liter	235	560	Drum Height in mm	490
Liquor Ratio	1 : 4.5	1 : 4.5	Pressure in Bar	Adjustable 0-40
Over All Dimension in mm	1250 x 1550 x 1150	1550 x 1850 x 1250	Over All Dimension in mm	2000 x 2000 x 3200

### GENERAL

### TECHNICAL SPECIFICATION

Drain Outlet in mm	75	100	Squeezing Method	Multilevel Pressure
Centrifugal Effect (%)	65-70	65-70	Centrifugal Effect (%)	75-80
Foundation	Required	Required	Foundation	Required
Weight in Kgs	700	1200	Weight in Kgs	13500
Motor Power in kw	6	12	Motor Power in kw	15

### TECHNICAL SPECIFICATION

Auto Braking | Silent Vibration | Less Maintenance | More Durability





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