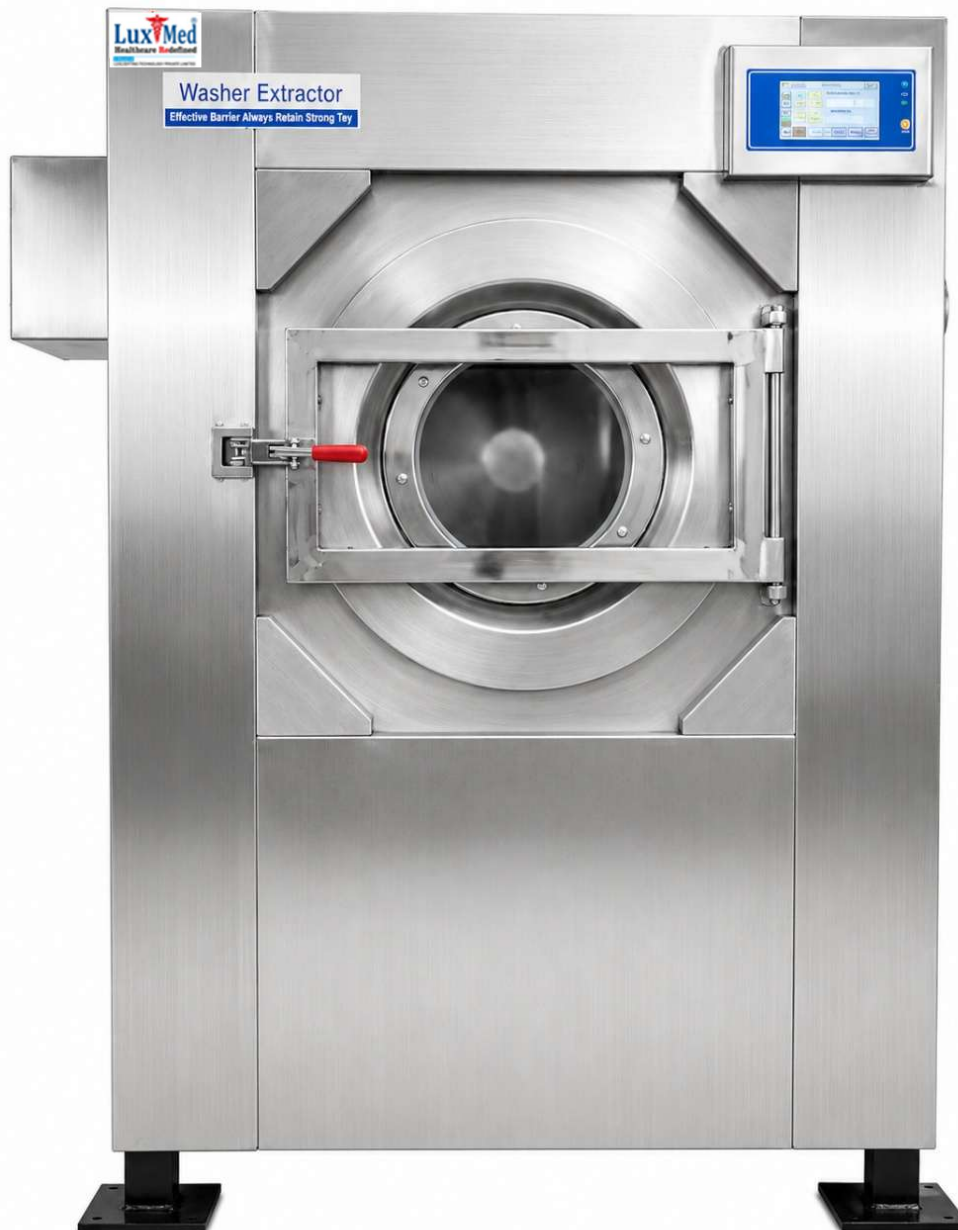


Washer Extractor

Efficiently Extract Water & Reduce Drying Time



Contact us:

- cto@luxmed.in
- www.luxmed.in
- +91 8130383561, 9350831213
- 324, Third Floor, Somdutt Chamber-II 9, Bhikaji Cama Place, New Delhi - 110066

M: +91 8130383561, 9350831213 | E: cto@luxmed.in

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LuxMed® Washer Extractor integrates **washing and dehydration/extraction in a single machine**, making it an efficient solution for high-volume laundry operations. Designed for hospitals, hotels, nursing homes, laundry facilities, textile industries and other institutional applications, the machine provides programmable washing cycles followed by high-speed extraction.

Key Advantages

- High-speed water extraction
- Reduced drying time
- Energy-efficient operation
- Large-capacity laundry processing
- Programmable washing cycles
- Advanced frequency-conversion drive
- Stainless Steel 304 laundry drum
- Robust commercial construction
- Operator safety interlock
- Easy installation and operation



KEY FEATURES

- **Advanced Suspension System:** The suspension shock-absorber structure provides excellent vibration control, with a shock absorption rate of more than 95%, helping ensure smooth operation.
- **Stainless Steel 304 Drum:** The laundry drum is manufactured using **SS 304**, providing durability, corrosion resistance and long service life.
- **Safety Interlock System:** Integrated safety interlocks help prevent unsafe operation and protect the operator during machine operation.
- **Microcomputer Control:** The intelligent control system allows users to select and program washing cycles according to different laundry requirements.
- **Large LED Display:** The large LED display provides clear operating information and makes machine operation easy to monitor.
- **Frequency Conversion Technology:** An advanced frequency-conversion speed regulation system and motor provide controlled drum speeds while helping optimize energy consumption.
- **Automatic Detection:** The machine incorporates automatic detection functions to monitor operating conditions and support reliable operation.
- **Back Drainage System:** The back-drainage configuration with soft connection enables convenient installation without requiring a heavy foundation in suitable installations.

APPLICATIONS

- **Hospitals & Healthcare Facilities:** Ideal for processing patient gowns, bed linen, towels, uniforms and other healthcare textiles.
- **Hotels & Resorts:** Designed for high-volume processing of bedsheets, towels, uniforms and guest laundry.
- **Nursing Homes & Care Facilities:** Suitable for frequent processing of institutional and personal laundry.



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- **Commercial Laundry Facilities:** Provides high-capacity washing and extraction for professional laundry operations.
- **Textile & Garment Industries:** Suitable for cleaning and processing a variety of fabrics and garments.
- **Fire & Emergency Services:** Can be used for specialized cleaning applications involving protective and operational textiles, subject to suitable machine configuration.
- **Institutional Laundry:** Suitable for schools, hostels, athletic departments and other organizations with regular high-volume laundry requirements.

Technical Specifications

Specification	LM-WEX-15	LM-WEX-20	LM-WEX-30	LM-WEX-50	LM-WEX-100
Steam Pressure	0.4–0.5 MPa	0.4–0.5 MPa	0.4–0.5 MPa	0.4–0.5 MPa	0.4–0.5 MPa
Inverter Power	3 kW	4 kW	4 kW	4 kW	11 kW*
Electrical Heating Power	12 kW	22 kW	24 kW	36 kW	As per configuration*
Water Inlet	1"	1½"	1½"	1½"	1½"
Steam Inlet	¾"	¾"	¾"	1"	1"
Chemical Inlet	½"	½"	½"	½"	½"
Overall Dimension	950×1000×1470 mm	1130×1000×1420 mm	1100×1300×1600 mm	1400×1600×1820 mm	1600×1870×2000 mm
Approx. Weight	500 kg	890 kg	890 kg	2000 kg	2800 kg
Rated Capacity	15 kg	20 kg	30 kg	50 kg	100 kg
Motor Power	2.2 KW	2.2 KW	3 KW	4 KW	7.5 KW
Cleaning Speed	40 rpm	38 rpm	38 rpm	30 rpm	30 rpm
Extraction Speed	900 rpm	850 rpm	800 rpm	750 rpm	650 rpm

Note: Specifications may vary according to machine configuration, capacity and customer requirements. Final technical specifications should be confirmed with LuxMed® before ordering.

HOW DOES A WASHER EXTRACTOR WORK?

01. Loading & Washing

Laundry is loaded into the stainless-steel drum. The machine fills with water and cleaning chemicals according to the selected washing program.

02. Agitation

The drum rotates at controlled speed to provide effective mechanical action and distribute water and detergent throughout the laundry.

03. Rinsing

The programmed cycle removes detergent and contaminants through one or more rinse stages.

04. High-Speed Extraction

The drum accelerates to high extraction speed. Centrifugal force pushes water through the perforated drum, significantly reducing residual moisture.

05. Faster Drying

Because more water is removed during extraction, laundry requires less time and energy during the subsequent drying process.



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➤ Washer Extractor Drawing

