

ECO CLEAN™

Industrial Laundry & Dryclean Equipments

Washer Extractors. High Spin. Soft Mount.



Micro Computer



Fully programable computer captures all the features for any customized process. The preset programs can be easily modified or erased. Step by step LCD display provides cycle advance, variable time signal & diagnostic checks. **Easy to operate.**

Bearing Housing



The housing has wide roller bearings to have large contact area to disperse dynamic forces. Packed with lubricants & sealed. The self lubricating twin water seals & bearing seal are air separated. **Prevents contact of water with the bearings.**

Inverter Drive



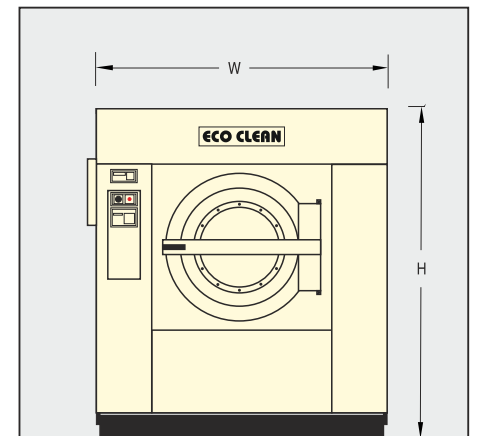
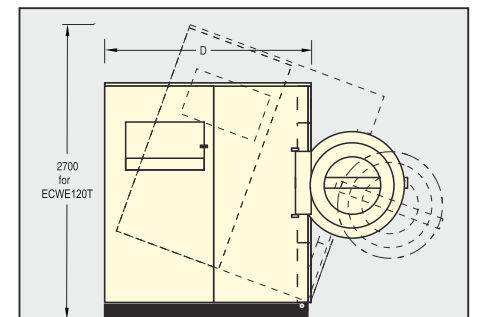
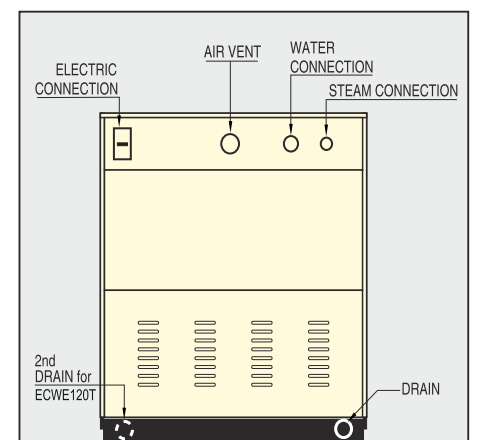
Single motor variable frequency drive (VFD) gets all precision speeds required for washing, distribution, low & normal spin. **The energy efficient drive consumes less energy & reduces electric peak load demands.**



5 Compartment Soap Dispenser

Five different chemicals can be placed in steel containers in powder, liquid or gel form. Powerful jets completely flush out the chemicals as and when signaled by the computer.

Optional : Liquid chemical supply connections for automatic Dozing Pumps.



MODEL	CAPACITY dry weight per charge (1:10)	CYLINDER SIZE VOLUME	DRIVE MOTOR	CYLINDER SPEEDS		LOADING DOOR OPENING	WATER CONNECTION CONSUMPTION	DRAIN	HEATING		DIMENSIONS W x D x H	NET WT / CRATED WT CRATED SIZE: WxDxH CRATED VOLUME
				WASH	FINAL EXTRACT G FORCE				STEAM CONN. STEAM CONSUMP.	ELECTRIC LOAD		
ECWE 15	15 Kg	Ø 720 x 380 154 Ltrs	2.2 KW	35 to 45 RPM	900 RPM 304 to 355 G	Ø 400	Ø20 (0.75" BSP) 150 Ltrs / cycle	Ø75	ECWE 15 Ø15 (0.5" BSP) 15 Kg / hr	9 KW	1200 x 1290 x 1500	810 Kg / 900 Kg 1450 x 1490 x 1800
ECWE 30	30 Kg	Ø 900 x 500 318 Ltrs	5.5 KW	35 to 40 RPM	800 RPM 305 to 354 G	Ø 500	Ø25 (1" BSP) 300 Ltrs / cycle	Ø75	ECWE 30 Ø15 (0.5" BSP) 30 Kg / hr	18 KW	1350 x 1450 x 1725	1350 Kg / 1600 Kg 1600 x 1700 x 2025
ECWE 60	60 Kg	Ø 1100 x 650 617 Ltrs	11 KW	30 to 35 RPM	720 RPM 301 to 355 G	Ø 650	Ø38 (1.5" BSP) 600 Ltrs / cycle	Ø75	ECWE 60 Ø15 (0.5" BSP) 60 Kg / hr	36 KW	1600 x 1700 x 2025	2380 Kg / 2670 Kg 1900 x 2000 x 2350
ECWE 120	120 Kg	Ø 1350 x 850 1216 Ltrs	18.5 KW Tilt Motor 1.5 KW	30 to 35 RPM	650 RPM 204 to 254 G	Ø 800	Ø50 (2" BSP) 1200 Ltrs / cycle	Ø75 2 Nos	ECWE 120 Ø25 (1" BSP) 120 Kg / hr	-	1950 x 2050 x 2300	4250 Kg / 4670 Kg 2250 x 2350 x 2600

CONSUMPTION & ELECTRIC LOAD ARE PRIMARILY FOR THE PURPOSE OF DESIGNING UTILITIES. HIGHER 'G FORCE' ON REQUEST.

ALL DIMENSIONS ARE IN MM. STANDARD MACHINES OPERATE ON 415V ±5%, 3 PHASE, 50Hz, AC ELECTRIC SUPPLY. SPECIFICATIONS MENTIONED ABOVE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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Industrial Drying Tumbler

Available in 15, 30, 60, 120 & 200 kg. dry weight per charge capacity. Systems 'Drying Tumbler is especially designed for Hosiery Dyeing Industry, Garment Export Industry, Denim Processing Units, Terry Towel plants, Home Furnishings. All types of Laundry Works for Hotels/Hospitals to get uniform drying, rapidity softness & shrinkage control.

Front loading, Open pocket, Large dia Die pressed, Powder coated door Stainless Steel inner Basket, Outer Body Double walled Glass wool Insulated, Centrifugal High Suction Powerful Blower used, Automatic Control panel for Auto Reverse/Forward Auto Digital Temperature control functions.

Heating system in Electric/Steam/Thermic Heat Transfer Fluids/Indirect Oil/Gas Firing.



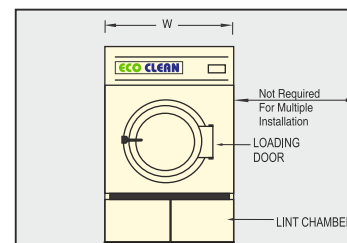
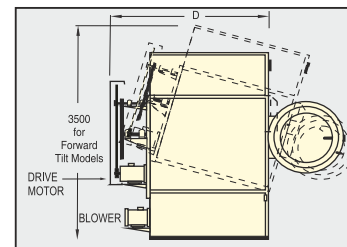
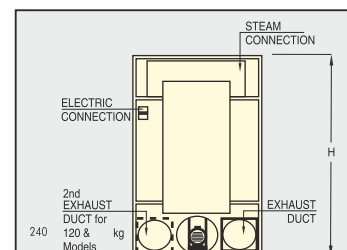
Indirect Diesel Fired Heating System

Specially designed heat exchanger with Automatic imported Diesel/Gas burners, High efficiency, Low cost & easy to install.



Tilt Feature

Available with forward tilt for easy unloading. The forward tilt allows the linen to fall into a trolley, making unloading ergonomically correct, reducing work related injuries, and improving workflow.



Micro Computer Control

For automatic Drying and Cool down time with digital temperature control



MODEL	CAPACITY Dry weight per charge (1:20)	CYLINDER SIZE VOLUME	DRIVE MOTOR BLOWER MOTOR	LOADING DOOR OPENING	EXHAUST DUCT SIZE	STEAM CONNECTION CONSUMPTION	ELECTRIC LOAD	HEATING THERMIC FLUID CONNECTION CONSUMPTION	DIESEL CONN. CONSUMP.	GAS CONN. CONSUMP.	DIMENSIONS W x D x H	NET WT / CRATED WT CRATED SIZE (WxDxH) CRATED VOLUME
ECTD 15	15 Kg	Ø 800 x 600 301 Ltrs	0.37 KW 0.37 KW	Ø 500	180 x 180	ECTD 15 Ø15 (0.5" BSP) 15 Kg / hr	9 / 13.5 KW	Ø15 (0.5" BSP) 8000 KCal / hr	Ø6 (0.25" BSP) 1.8 Ltrs / hr	Ø6 (0.25" BSP) 1 Kg / hr	900 x 1200 x 1780	410 Kg / 490 Kg 1200 x 1500 x 2080
ECTD 30	30 Kg	Ø 950 x 850 602 Ltrs	0.75 KW 0.75 KW	Ø 650	210 x 210	ECTD 30 Ø15 (0.5" BSP) 30 Kg / hr	18 / 24 KW	Ø15 (0.5" BSP) 16000 KCal / hr	Ø6 (0.25" BSP) 2.5 Ltrs / hr	Ø6 (0.25" BSP) 2 Kg / hr	1050 x 1500 x 1980	570 Kg / 690 Kg 1350 x 1800 x 2280
ECTD 60	60 Kg	Ø 1280 x 950 1221 Ltrs	1.5 KW 1.5 KW	Ø 800	300 x 300	ECTD 60 Ø15 (0.5" BSP) 60 Kg / hr	36 / 48 KW	Ø20 (0.75" BSP) 32000 KCal / hr	Ø15 (0.5" BSP) 4 Ltrs / hr	Ø15 (0.5" BSP) 4 Kg / hr	1380 x 1700 x 2340	920 Kg / 1090 Kg 1680 x 2000 x 2640
ECTD 120	120 Kg	Ø 1600 x 1200 2411 Ltrs	2.25 KW 1.5 KW 2 Nos	Ø 1000	300 x 300 2 Nos	ECTD 120 Ø25 (1" BSP) 120 Kg / hr	—	Ø25 (1" BSP) 64000 KCal / hr	Ø15 (0.5" BSP) 7.5 Ltrs / hr	Ø15 (0.5" BSP) 8 Kg / hr	1760 x 2100 x 2900	1720 Kg / 1950 Kg 2060 x 2400 x 3200
Forward Tilt Models ECTD 200	200 Kg	Ø 1800 x 1600 4069 Ltrs	3.75 KW 2.2 KW 2 Nos	Ø 1200	400 x 280 2 Nos	ECTD 200 Ø25 (1" BSP) 200 Kg / hr	—	Ø25 (1" BSP) 110000 KCal / hr	Ø15 (0.5" BSP) 11 Ltrs / hr	Ø15 (0.5" BSP) 12 Kg / hr	1970 x 2600 x 3250	2680 Kg / 3030 Kg 2270 x 2900 x 3550

CONSUMPTION & ELECTRIC LOAD ARE PRIMARILY FOR THE PURPOSE OF DESIGNING UTILITIES. 200 KG FORWARD TILT MACHINE REQUIRES AN AIR CONNECTION OF Ø12 WITH CONSUMPTION OF 80 LTRS / MINUTE. ALL DIMENSIONS ARE IN MM. STANDARD MACHINES OPERATE ON 415V ±5%, 3 PHASE, 50Hz, AC ELECTRIC SUPPLY. SPECIFICATIONS MENTIONED ABOVE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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Flatwork Drying Ironers. Chest Heated.

Variable Frequency Drive



Single Motor with VFD provides precision speeds for roller. All digital controls. Auto cut for false feeding and finger safety guard. **Operator's safety & convenience.**

Roller & Padding



Roller is precision machined with drilled perforations. Axial moisture exhaust. Gear driven. Padded with galvanized springs & polyester padding. **Long roller & padding life.**

Ironing Chest



Precision machined & polished. Slides on pneumatic cylinders. Adjustable & uniform ironing pressure across the entire roll. **Finest drying & ironing.**

Gear Box Drive

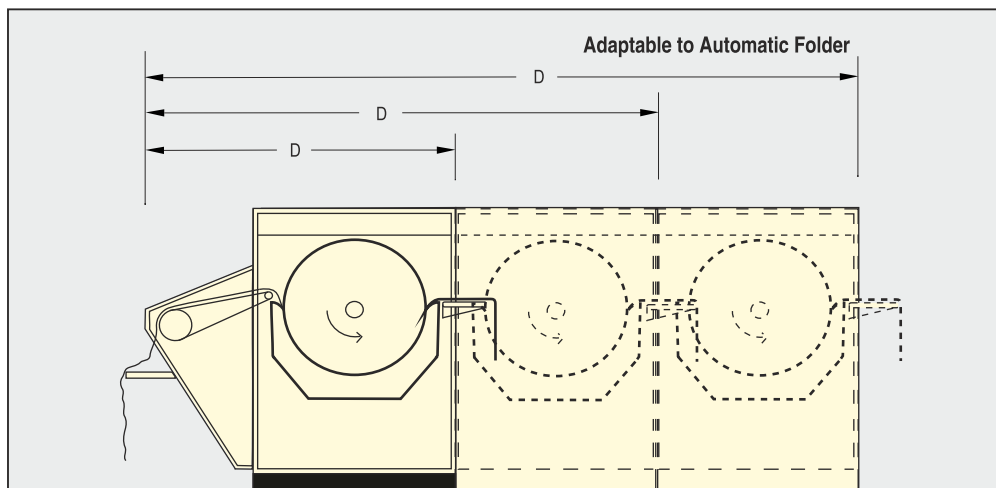
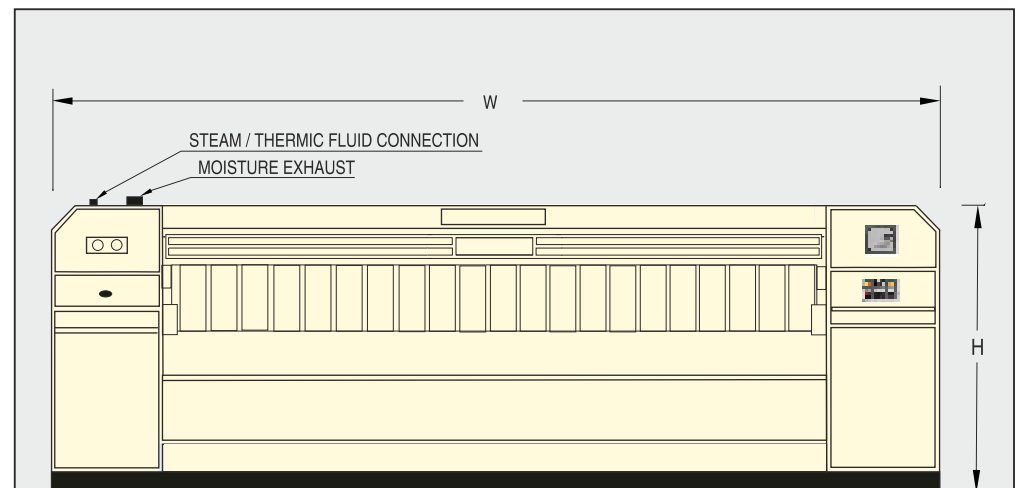


Roller is driven through a reduction gear box unit coupled with an electric motor. Simultaneous drive transmission to the conveyor feed belts. **Silent drive. No speed loss.**

Conveyor Feed Belts



Polyester belts with welded seams are joined with detachable S.S. Combs. The feed roller is chain driven. **Quick belt tensioning with easy replacement. No slippage or speed loss.**



MODEL	NUMBER OF ROLLS	ROLLER DIA (Padded)	ROLLER LENGTH	ROLLER SPEED	MOTORS DRIVE SUCTION	HEATING		AIR CONNECTION AIR CONSUMPTION	DIMENSIONS W x D x H	NET WT / CRATED WT CRATED SIZE (WxDxH) CRATED VOLUME
						STEAM CONNECTION CONSUMPTION	THERMIC FLUID CONNECTION CONSUMPTION			
EC-830-1	1	830	3300	3 to 15 Mtrs / Min (Variable)	<u>3.75 KW</u> 1.5 KW	<u>Ø25 (1"BSP)</u> 180 Kg / hr	<u>Ø25 (1"BSP)</u> 90000 KCal / hr	<u>Ø15 (0.5"BSP)</u> 200 Ltrs / hr	4850 x 1800 x 1700	4650 Kg / 5170 Kg 5150 x 2100 x 2000
EC-830-2	2	830	3300	5 to 25 Mtrs / Min (Variable)	<u>5.5 KW</u> 1.5 KW (2 Nos)	<u>Ø38 (1.5"BSP)</u> 360 Kg / hr	<u>Ø38 (1.5"BSP)</u> 180000 KCal / hr	<u>Ø20 (0.75"BSP)</u> 400 Ltrs / hr	4850 x 2900 x 1700	8720 Kg / 9630 Kg 5150 x 2100 x 2000 (1 No.) 5150 x 1500 x 2000 (1 No.)
EC-830-3	3	830	3300	7 to 35 Mtrs / Min (Variable)	<u>7.5 KW</u> 1.5 KW (3 Nos)	<u>Ø50 (2"BSP)</u> 540 Kg / hr	<u>Ø50 (2"BSP)</u> 270000 KCal / hr	<u>Ø25 (1"BSP)</u> 800 Ltrs / hr	4850 x 4000 x 1700	12790 Kg / 14090 Kg 5150 x 2100 x 2000 (1 No.) 5150 x 1500 x 2000 (2 Nos.)

ALL THE ABOVE MODELS SHALL TAKE LINEN STRAIGHT FROM WASHER EXTRACTOR & DRY & IRON SIMULTANEOUSLY. CONSUMPTION & ELECTRIC LOAD ARE FOR THE PURPOSE OF DESIGNING UTILITIES.

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Vacuum Finishing Table

- More Productive, Sophisticated, Powerful.
- Elegant look and rust-proof powder coated.
- Ensure superior suction through noiseless working atmosphere.
- Washable foam and heat proof cloth ensuring longer life & easy maintenance.
- Detachable System for easy Transportation & Installation.
- Specifically constructed impeller housing & Electronically.
- Controlled operation, guaranteed safety and superior performance
- Powder coated perforation ensure instantaneous extremely powerful moisture extraction with low power consumption.
- No immense of moisture and heat which ensure wrinkle free.



Dress Board

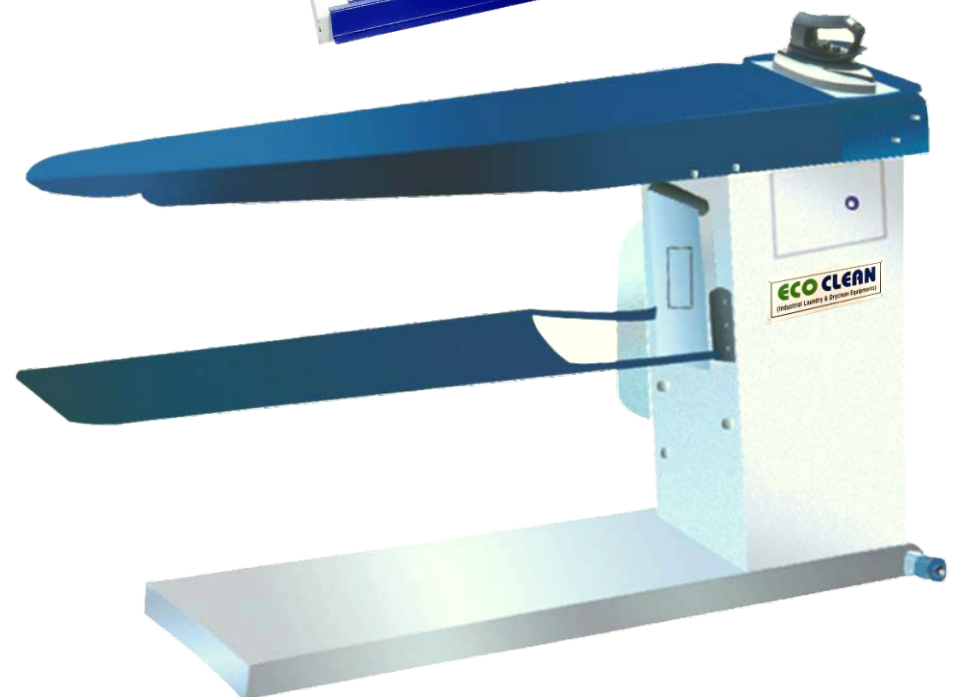


Centrifugal Suction Blower:

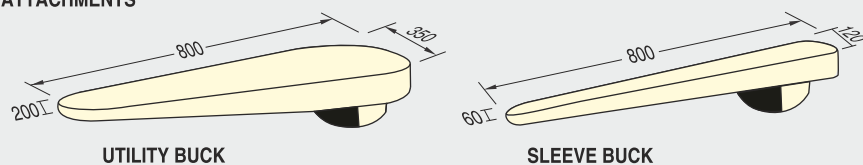
Connected to table top. Mounted on a high torque electric motor for quick start. Activated by spring loaded, full length foot pedal. Low noise & vibration less performance. **Efficient moisture suction. Quick drying of table top & padding.**

Silicon Padding S.S Table Heater:

Perforated top has thermostatically controlled electric heating element underneath. On the top layers of Aluminum wiremesh, Silicon foam & heat resistant top cover form high porosity padding. **Efficient airflow. Padding remains dry at all times.**



ATTACHMENTS



MODEL	No. of Motors	Power	Dimension (LxWxH) inches	Weight (Kgs.)
ECVIT	1	0.75 HP, 1 PH/3PH	50x30x36	80
ECDB	1	0.75 HP, 1 PH/3PH	60x30x60	170



Industrial Laundry & Dryclean Equipments

Body Presses/Form Finisher

TROUSER TOPPER

TECHNICAL SPECIFICATIONS	CENTRAL SUPPLY
Steam Inlet	3/8" (9.5mm)½"(12.7 mm)
Steam Consumption	15 KG/HR
Air Consumption	1FT3 (.03M3)
Fan Motor	1HP (.75 KW)
Net Weight	155 KG
Overall Dimension	838WX1219DX1880H

JEANS / TROUSER FINISHING IN ONE OPERATION.

The perfect tensioning topper to de-wrinkle and finish khakis, pleated pants and jeans. Microprocessor controlled, the Topmaster II-PP incorporates the latest design of movable pleat paddles (90° from fly to pocket) with the innovative air operated "clamp on" pressure system impart a solid crease on a pleat, and automatic leg tensioning.



MULTI FORM FINISHER



Multi Form Finisher designed for finishing of Jackets, Coats, Blouses, Dresses, Raincoats, Sweaters and knits. Multi Form Finisher is a state of the art system with an adjustable high volume fan, automatic timers, foot pedal start, adjustable waist and bust controls, revolving form assembly water spray and condenser, and anti-stretch over-bag system.

OPTIONS : Complete selection of specialized forms-tall, children's knit shirts, skirts and sweaters.

MODEL	BLOWER MOTOR	STEAM CONNECTION	STEAM CONSUMPTION	AIR CONNECTION	AIR CONSUMPTION	DIMENSIONS W x D x H	NET WEIGHT CRATED WEIGHT	CRATED SIZE: WxDxH CRATED VOLUME
ECFF	0.75 KW	Ø15 (0.5" BSP) at 6 Kg/cm²	20 Kg / hr	Ø15 (0.5" BSP) at 6 Kg/cm²	80 Ltrs/Minute	2100 x 1800 x 1600	350 Kg 460 Kg	1050 x 1800 x 1900

CUFF & COLLAR



To achieve highest quality crisp finish Collar / Cuff presses comprise one part of a unique shirt system designed specifically to help you increase productivity while saving your operating (and operator) costs.

Model	Steam consumption	Air Consumption	Net Machine Weight	Shipping Weight
ECCL	25 KG/HR	80 Ltr/ Min	348 KG	400 KG