



PIONEER™

The New Way of Process

(ISO - 9001:2008 Company)

Manufacturer's of industrial laundry Equipments



— INTRODUCTION —

Established in the year 1991, at New Delhi, India, we “Pioneer Udyog,” have gained recognition as the noteworthy manufacturer and supplier of an assorted range of Laundry Equipment, Garment dry processing machines and garment finishing machines. The national and international standards are followed throughout the engineering processes for fabricating machinery (an iso 9001:2008 certified company). Our highly qualified professionals make optimum utilization of premium grade raw material with the aid of advanced tools and cutting-edge technology to manufacture this range. Optimum functionality, high efficiency, corrosion resistance and longer service life are some of the remarkable features of our machines & equipment ,we are known for heavy duty machinery and top notch after sales services.

With the support of our modern product development activities, we also offer customized machinery in various technical specifications, to meet client’s individual application requirements. Our state-of-the-art infrastructural base spreads over a large area of land encompassing various functional sub-units like engineering,manufacturing, quality-control, warehousing & packaging, etc. These departments are installed with the most-modern tools and advanced technology that empowers us to fulfill the bulk requirements of customers within assured time schedules of delivery. The allied processes of these departments are smoothly and systematically carried out under the management of our adroit workforce that holds immense knowledge in this

domain.

We have recruited a squad of highly skilled and dedicated professionals, who utilize their experience to provide the highest level of satisfaction to the clients. They proficiently handle and control the installed equipment at our production unit, which results in bringing forth an immaculate product array. We are also backed by an adept team of quality analysts, who stringently test our entire amut at all levels of production in order to ensure that it is free from all kinds of defects and discrepancies. “Sailing through success by tilting towards client satisfaction”, our organization has achieved tremendous business growth in the industry.

With efficient logistics system, fast transportation facilities and wide distribution network, we are promptly delivering the ordered products at the client’s end across any part of the nation. Under the visionary guidance and leadership of our mentor, Mr. Joginder Mahajan, we have witnessed the acme of success in the industry. His strong business insight and rich industry experience enables us to garner a huge base of contented clients across the nation.

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Pioneer Washer Extractor

Washer extractor is a very efficient combination of conventional washing machine and hydro extractor.

Salient Features -

- Keeps washing area dry and clean.
- Variable speed drive with high speed extraction is suitable for all kinds of washing.
- Machine is PLC controlled which helps to control different programs of wash cycles, hence minimizing human supervision.
- This machine has open pocket cylinder and is self balancing.
- Extremely versatile machine that can be used in commercial laundries, hotels, hospitals and dry cleaning shops.-



Pioneer's washer extractor is a very successful machine designed for both high and low speed extraction.



Pioneer Wash Extractor Specification:

Model	PWE-18	PWE-25	PWE-50	PWE-80	PWE-100	PWE-120
Capacity (kg)	18	25	50	80	100	120
Basket Size (mm)	670 x 515	750 x 530	955 x 600	1120 x 810	1220 x 850	1300 x 900
Wash Speed (rpm)	47	42	42	40	38	36
Spin Speed (rpm)	600	630	800	720	700	680
Motor Power (kw)	1.5	2.2	5.5	11	11	15
Water Inlet (inch)	1	1	1.5	2	2	2.5
Electric Consumption(kw/h)	0.6	0.7	1.2	1.3	1.5	1.6
Steam Consumption (kg)	16.2	20	40	70	90	100
Width (mm)	780	1010	1460	1680	1780	1880
Depth (mm)	1030	1230	1700	1930	2020	2090
Height (mm)	1230	1390	1735	1860	1930	2020
Weight (kg)	320	550	1600	2500	3200	3500

Pioneer Front Load Washing Machine

Front load washing machines are technically efficient for all kinds of laundry washing and dyeing process.

Salient Features -

- Low liquor ratio.
- Very Low consumption of water and chemicals.
- Machine has automatic panel with features like auto reverse ,auto forward ,automatic digital temp. indicator , auto stop.
- The body and inner basket is fabricated out of high grade stainless steel grade 304/316.
- Fitted with variable frequency drive , and is PLC & Tilting (Optional)
- Sturdy and solid fabrication.



Front Load Washing Machine Specifications-

Model	FL -15	FL -30	FL -60	FL -120	FL -200
Capacity (kg)	15	30	60	120	200
Basket Size (mm)	850 x 375	850 x 600	1220 x 600	1350 x 980	1780 x1220
Basket Volume (ltr)	213	340	700	1400	3880
Drive Motor (kw)	0.35	0.75	2.2	5.5	12.5
Main Door Opening (mm)	500	500	665	800	1000
Water Connection	1.5" BSP	1.5" BSP	2" BSP	2" BSP x2	2" BSP x2
Consumption	60 ltrs./fill	120 ltrs./fill	240 ltrs./fill	480 ltrs./fill	900 ltrs./fill
Drain (inch)	3	3	4	5	6
Steam Connection	0.5" BSP	0.5" BSP	0.5" BSP	0.75" BSP	1" BSP x2
Consumption	15 kg	25 kg	100 kg	100 kg	200 kg
Electric (kw)	6-10	10- 20	18- 22	36	N.A.
Width (mm)	1050	1050	1475	1630	2920
Depth (mm)	1000	1200	1550	2200	3350
Height (mm)	1600	1600	1800	2150	2530
Weight (kg)	440	650	950	1600	3675

Pioneer Side Load Washing Machine

Side load washing machine is suitable for washing of garments , denim/enzyme wash, garment dyeing , dyeing of knitted garments , washing of cotton fabrics.

Salient Features -

- Machine has automatic panel with features like auto reverse ,auto forward ,automatic digital temp. indicator , auto timed.
- Auto digital temperature control and auto stop features with gear box drive.
- The body of machine is fabricated out of stainless steel grade 304/316.
- The inner drum basket is made of perforated stainless steel of 304 grade , having a single smooth joint.

Pioneer's side load washing machine is designed for minimum liquor ratio ,hence saving water and chemical usage , and provides with better quality fabric.



Pioneer Side Load Washing Machine

Model	SL-15	SL-30	SL-65	SL-85	SL-100	SL-150	SL-175	SL-200	SL-300	SL-400
Capacity (kg)	15	30	65	85	100	150	175	200	300	400
Basket Size (dia x depth)(mm)	610x710	750x950	975x1270	1060x1270	1150x1380	1060x2440	1372x1524	1220x2490	1220x3660	1500x3660
Basket Vol. (ltrs.)	200	420	900	1120	1435	2150	2625	2850	4275	6465
Loading Doors Opening	520X 300	520X 400	665X 450	665X 450	665X 470	665X 470	665X 470	665X 470	665X 470	665X 470
No of Doors	1	1	1	1	1	1	1	2	3	3
Drive Motors (kw)	0.37	0.75	2.25	3.75	5.60	7.50	7.5	15	15	18.75
Water Connection	1" BSP	1.5" BSP	2" BSP	2" BSP	2" BSP	2" BSP	2" BSP	2" BSP x2	2" BSP x3	2" BSP x3
Water Consumption/dip (ltrs)	85	210	450	540	700	1060	1349	1499	2200	3250
Drain (inch)	3"	3"	4"	4"	4"	5"	6"	6"	8.5"	8.8"
Steam Connection	15mm	15mm	15mm	15mm	15mm	20mm x2	20mm x2	20mm x2	20mm x3	20mm x3
Steam Consumption	8-10 kg/hr	15-20 kg/hr	30-40 kg/hr	50-60 kg/hr	60-70 kg/hr	100-120 kg/hr	130-150 kg/hr	160-180 kg/hr	200-225 kg/hr	300-350 kg/hr
Diesel Fired (Ltrs.)	1-1.5	1.5-2	3-4	4-5	5 -6.2	6.5-7.25	7.5-8.75	7-9	N.A.	N.A.
Width (mm)	1790	2050	2460	2600	2770	3425	3600	3950	5400	5600
Depth (mm)	760	965	1200	1310	1400	1350	1400	1470	1730	2040
Height (mm)	1100	1310	1325	1400	1550	1400	1550	1600	1700	2000
Weight (kg)	520	800	1000	1100	1325	1950	2250	2675	4135	5250

Pioneer Hydro Extractor

Hydro Extractor is also known as centrifugal machine , The wet material is placed in the extractor, which has a wall of perforated metal, stainless steel , the internal drum rotates at high speed thus throwing out the water contained in it.

Salient Features -

- The inner rotating perforated basket is dynamically balanced.
- Outer drum and inner basket is made of stainless steel grade 304.
- The body structure is made of high grade cast iron provided with heavy duty springs



Pioneer's Hydro Extractor is self balancing type.

Pioneer Hydro Extractor Specifications:

Model	PHE - 15	PHE - 25	PHE - 50
Capacity (kg)	15	25	50
Basket Size (mm)	550 x 300	700 x 300	1000 x 300
Max Extraction (rpm)	1000	1000	750
Motor (kw)	2.20	3.50	7.50
Drain (inch)	2.50" BSP	3.0" BSP	4.0" BSP
Width (mm)	1140	1200	1500
Depth (mm)	1210	1375	2000
Height (mm)	1265	1250	1300
Weight (kg)	350	425	900

Pioneer Tumble Dryer

Tumble dryer is used to remove moisture from a load of clothing and other textiles, generally shortly after they are cleaned in a washing machine , heated air is circulated to evaporate the moisture from the load in a rotating drum.

Salient Features -

- Pioneer's highly efficient drying machine specially designed for hosiery ,dyeing industries , towel plants ,denim processing industries ,hotels and hospitals.
- Machine has automatic panel with features like auto reverse ,auto forward ,automatic digital temp. indicator , auto stop.
- Heating system as desired steam/electric/gas/diesel.
- Basket made of stainless steel 304 grade, outer body double wall insulated with glasswool, fitted with high power blowers for swift drying.

Pioneer also offers self tilting fully automatic tuamble dryers with plc contol.



Pioneer Tumble Dryer Specifications:

Model	PTD -7	PTD -15	PTD -25	PTD -50	PTD -100	PTD -200
Capacity (kg)	7	15	25	50	100	200
Basket Size (mm)	600 x 400	800 x 600	950 x 850	1250 x 990	1600 x 1200	2030 x 1450
Drive Motor (kw)	0.37	0.37	0.75	1.5	2.25	3.75
Blower Motor (kw)		0.37	0.75	1.5	1.5 (2 no.s)	2.75 (2 no.s)
Door Opening (mm)	360	500	650	800	1000	1050
Steam Connection	N.A.	0.5" BSP	0.5" BSP	0.5" BSP	1" BSP	1" BSP
Steam Consumption		20 kg/hr.	40 kg/hr.	80 kg/hr.	150 kg/hr.	200 kg/hr.
Electric (KW)	6	8	12'	18	N.A.	N.A.
Thermic Fluid	N.A.	0.5" -0.5" BSP	0.5" -0.5" BSP	1.0" -1.0" BSP 40000 kcal/hr.	1.5" -1.5" BSP 40000 kcal/hr.	1.5" -1.5" BSP 40000 kcal/hr.
Diesel Consumption (ltr/hr)	N.A.	N.A.	1.5 -2	2.5 -3.5	5.5 -6.5	8 -11
Width (mm)	700	900	1050	1350	1750	2210
Depth (mm)	990	1170	1460	1690	1900	2750
Height (mm)	530	1740	1980	2300	2750	3250
Weight (kg)	125	350	550	950	2150	4150

Pioneer Perc Dry- Cleaning machine

PERC Dry Cleaning Machine gives clean, fresh and lively looks to the clothes. This machine is totally computer controlled with manual override functions. The product is excellent for quality washing at the lowest cost. Our sophisticated machine is extremely useful for all washing processes. PERC Dry Cleaning Machine is eco-friendly and can wash clothes with its highest speed.

Salient Features -

- Fully Automatic , with stainless steel solvent storage and distillation tanks.
- Dual filter system.
- Self cleaning system.
- Fluff collector with nylon storage bags to prevent blockage.
- Main parts are made of 304 grade stainless steel.
- Variable speed options.
- Works in all closed environment , no pollution , no harm to operators , keeps room fresh.
- Saves and recycles solvent upto 80%.



Pioneer Perc Dry- cleaning machine Specifications:

Model	PPD - 8	PPD - 10	PPD - 15
Washing Capacity (kg)	8	10	15
Voltage (v)	220 x 380	220 x 380	220 x 380
Drum Capacity (L)	230	250	300
Washing Speed (rpm)	48	48	48
Dehydrating Speed(rpm)	480	480	480
Power (kw)	5	6.5	8
Dimensions (WxDxH)	1480x920x1720	1480x1000x1780	1700x1400x2120
Weight (kg)	800	950	1100

Pioneer Flat Work Ironer

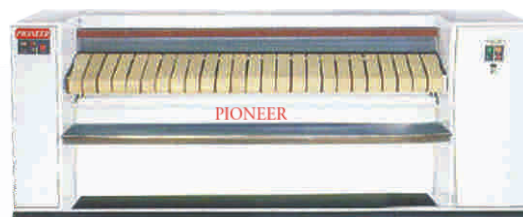
Flat work rotary ironers are used to carry out laundry jobs in hotels , hospitals ,hostels and textile industries for large quantities.

Salient Features -

- Rotational speed controlled by variable frequency drive.
- Maximum output than other ironers.
- Heating system as desired steam/electric/thermic fluid.
- Energy saver.
- Marvellous article finish.

Pioneer Flat Work Ironer Specifications:

Model	PFWI - 3000	PFWI - 2500
Ironing Width (mm)	3000	2500
Roller Diameter (mm)	800	500
Ironing Speed (m/min)	3-17	3- 7
Total Power (kw)	4	3
Electric Consumption (kw/h)	2.6	2.1
Steam Consumption (kg/h)	300	80
Width (mm)	4160	3200
Depth (mm)	2847	1611
Height (mm)	1558	1362
Weight (kg)	3800	1800



Pioneer Flat Bed Press

Flat bed press is generally used for ironing wollen and cotton garments.

Salient Features -

- Flat bed steam injection fast drying.
- Automatic and manual as desired.
- Powerful vacuum.
- Quick steam distribution.
- Fitted with imported silicon padding.
- Fast operation ,dry bed at all times.



Model	PFB - 150
Bed (mm)	1500 x 750
Blower (hp)	0.5
Steam Consumption	40 kg/hr
Steam Connection	0.5"
Electric Consumption (kw/h)	2.6
Steam Consumption (kg/h)	300
Width (mm)	4160
Depth (mm)	2847
Height (mm)	1558
Weight (kg)	3800

Pioneer Vacuum Finishing Table

Vacuum finishing table is required for ironing shirts ,t-shirts ,trousers and other garments with adjustable storage rack.

Salient Features -

- Sturdy and stable base.
- Powerfull suction and imported silicon padding.
- Adjustable ironing pressure.
- Quick steam injection.
- Thermostatically contolled stainless steel table heater.
- Extended exhaust duct.



Pioneer Vacuum Finishing table Specifications:

Model	PVaT -40	PVT -60
Table Size (mm)	1300 x 800	1500 x 1250
Motor (kw)	0.37	0.37(2no.s)
Width (mm)	1219	1524
Depth (mm)	762	1219
Height (mm)	762	762
Weight (kg)	180	350

Pioneer Fully Automatic Electric steam generator

Salient Features -

- More Attractive, Low weight dry steam
- Stainless steel Vessel 304 grade with PUF insulated
- Electrically controlled safely Steam
- Low water indication by buzzer, visual gauge glass
- Day to Day De scaling drainage facility
- Imported Genuine Spare and Presses
- High temp & High pressure to Free Wrinkles
- Rust proof and power coated outer Frame
- Fully Automatic



Pioneer Fully Automatic Diesel fired steam generator

Salient Features -

- Fully automatic steam boiler.
- Electric consumption-300 watt running.
- Built with seamless shell & seamless tube.
- Based on simple shell & tube technology.
- Low fuel consumption (1.0 Lt. to 4.5 Lt. / Hour).
- Work on principle of reverse in air tight chamber.
- In the process result in complete combustion.
- Absolute utilization of energy with output efficiency of 90%.



Pioneer Dirty Garment Trolley



Pioneer Wet Room Trolley



Pioneer Dry Room Trolley



Pioneer Clean Linen Trolley



Pioneer Cloth Stacker



Pioneer Compressor



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Pioneer Udyog

24/11, Street No.6, Libas Pur, New Delhi-110042, India

Mob: +91 9711442741, +91 9810004151

Tel: +91 1165953305, Fax: +91 1165953306

E-mail: info@pioneerudyog.com, Pioneerudyog@yahoo.com

Web: www.pioneerudyog.com

