

A dynamic background image featuring a large, energetic splash of water at the top and bottom, with a central burst of water droplets and bubbles. The water is a deep blue color, contrasting with the white background.

PIONEERTM

The New Way of Process

Manufacturers 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 output 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.

Pioneer Ozone machine

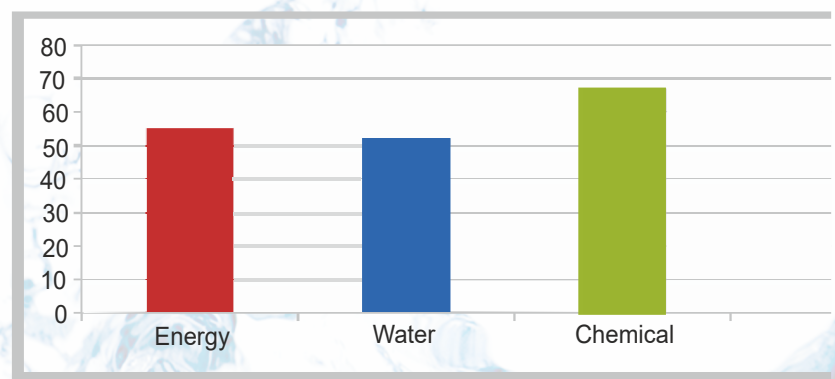
Salient Features -

- Removes Back staining
- Ageing For true vintage looks
- Cleaning
- Bleaching without bleach
- Removal of indigo stain
- Shade matching.
- Eliminate need of PP spray.
- Pigment look without pigments.
- Black and greys fade naturally without turning brown.



Savings-

- 1) 55% Savings on energy.
- 2) 52% Savings on water.
- 3) 67% Savings on chemicals.



Save How?

- Ageing effect, vintage look on garments without water & chemicals.
- Remove backstaining without chemical's and water.
- Bleaching without bleaching agent and minimum water.

Pioneer Front Load Washing Machine

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



Salient Features -

- Equipped with Pioneer's *Drizzle* water circulation system that ensures reduction of liquor ratio (upto 1:3) without use of any additional electrical pump.
- First time in india, **Beltless drive system** for improved efficiency and longer service life.
- Very low consumption of water, chemicals and energy.
- Specially designed for towel wash, processing 100 pieces / hour.
- The outer drum and inner basket fabricated out of high grade stainless steel 304/316 L.
- Fitted with variable frequency drive, fully automatic water and steam inlet / outlet as standard.
- Equipped with tilting feature for easy unloading of garments, automatic flow control, jet spray system and microprocessor controller as add-ons.



Control Station



Main Electrical Panel



Main Door



Variable Frequency Drive



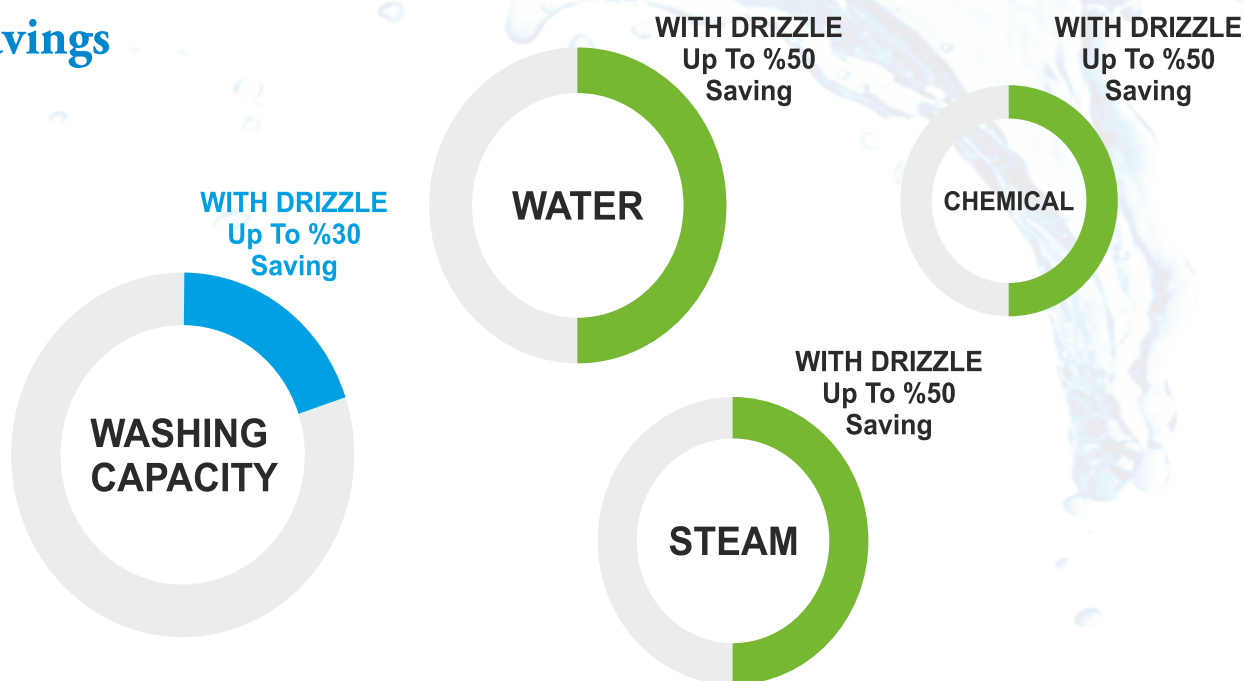
Flow Control Valve



Pneumatic Inlet/Outlet Water/Steam Actuators

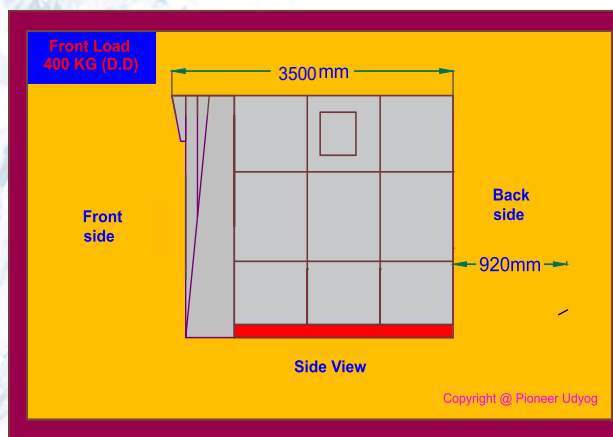
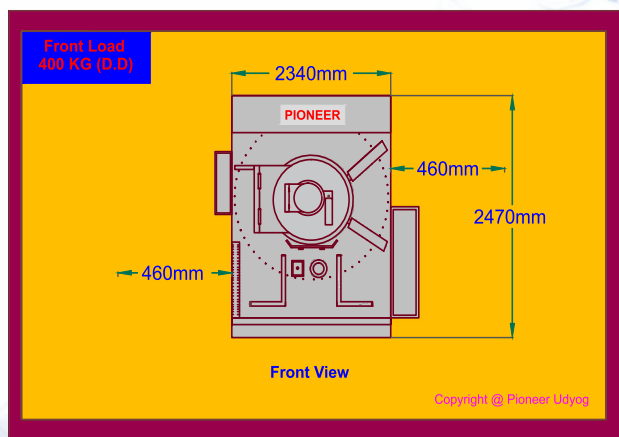
Note:- Specification are subject to change without prior notice.

Net savings



Front Load Washing Machine Specifications-

Model	MAX-120	MAX-200	MAX-320	MAX-400	MAX-520
Capacity (kg)	120	200	380	400	520
Basket Size (mm)	1350 x 980	1570 x 1220	1830 x 1220	1830 x 1524	2032 x 1524
Cylinder Volume (ltr)	1400	1920	3230	4001	5700
Drive Motor (kw)	5.5	7.5	15	15	25
Water Connection	2" BSP x2	2" BSP x2	2" BSP x2	2" BSP x 2"	2" BSP x2
Consumption	480 ltrs./fill	900 ltrs./fill	900 ltrs./fill	900 ltrs./fill	900 ltrs./fill
Drain (inch)	5	6	6	6	4" x 2"
Steam Connection	0.75" BSP	1" BSP x2	1" BSP x2	1" BSP x 2"	2" BSP x 2
Electric (kw)	36	N.A.	N.A.	N.A.	N.A.
Width (mm)	1630	2100	2300	2300	3400
Depth (mm)	2200	2800	3100	3500	3850
Height (mm)	2150	2100	2500	2500	2850
Weight (kg)	1600	3675	5100	5100	5800



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-100	SL-150	SL-175	SL-200	SL-300	SL-400
Capacity (kg)	15	30	100	150	175	200	300	400
Basket Size (dia x depth)(mm)	610x710	750x950	1150x1380	1060x2440	1372x1524	1220x2490	1220x3660	1500x3660
Basket Vol. (ltrs.)	200	420	1435	2150	2625	2850	4275	6465
Loading Doors Opening	520X 300	520X 400	665X 470	665X 470	665X 470	665X 470	665X 470	665X 470
No of Doors	1	1	1	1	1	2	3	3
Drive Motors (kw)	0.37	0.75	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 x2	2" BSP x3	2" BSP x3
Water Consumption/dip (ltrs)	85	210	700	1060	1349	1499	2200	3250
Drain (inch)	3"	3"	4"	4"	6"	6"	8.5"	8.8"
Steam Connection	15mm	15mm	15mm	20mm	20mm	25mm	25mm x2	25mm x2
Diesel Fired (Ltrs.)	1-1.5	1.5-2	5 -6.2	6.5-7.25	7.5-8.75	7-9	N.A.	N.A.
Width (mm)	1790	2050	2770	3425	3600	3950	5400	5600
Depth (mm)	760	965	1400	1350	1400	1470	1730	2040
Height (mm)	1100	1310	1550	1400	1550	1600	1700	2000
Weight (kg)	520	800	1325	1950	2250	2675	4135	5250

Note:- Specification are subject to change without prior notice.

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 tumble dryers with PLC control.



Pioneer Tumble Dryer Specifications:

Model	PTD -15	PTD -25	PTD -50	PTD -100	PTD -200
Capacity (kg)	15	25	50	100	200
Basket Size (mm)	800 x 600	950 x 850	1250 x 990	1524 x 1270	1830 x 1524
Drive Motor (kw)	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)	500	650	800	1000	1050
Steam Connection	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)	8	12'	18	N.A.	N.A.
Thermic Fluid	0.5" -0.5" BSP	0.5" -0.5" BSP	1.0" -1.0" BSP	1.5" -1.5" BSP	1.5" -1.5" BSP
Diesel Consumption (ltr/hr)	N.A.	1.5 -2	2.5 -3.5	5.5 -6.5	8 -11
Width (mm)	900	1050	1350	1750	2210
Depth (mm)	1170	1460	1690	1900	2750
Height (mm)	1740	1980	2300	2750	3250
Weight (kg)	350	550	950	2150	4150

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 Chemical spray cabin

The construction of chemical application cabinet consists of 304 Cr-Ni stainless steel panels. The water curtain, water tank and filtration tank having a thickness of 2 mm, and the tank on the top area having a thickness of 1.5 mm are all made of 304 Cr-Ni stainless steel. In this system, The air is flushed by the nozzles.

Any chemical or permanganate particles unavoidable by water screen are bound by those flushing nozzles. The nozzles can be cleaned when needed, as they are easily detachable. There are two different separate valve functioning in order to adjust the pressure of the top carriage container and nozzles. There is a double filtration system for the water, which is carried by the pump from the bottom tank to the one located on top of the cabinet. By this double filtration system, the impurity of water is prevented. The water used in the system is discharged by an emptying valve.

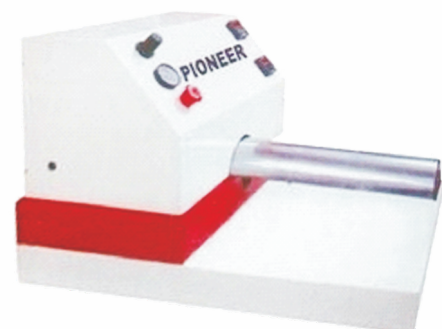


The chemical particles are bound properly by the help of the water screen and air flushing system. There are two fan absorption units at the bottom and centre section of the water screen. By this system, a very effective absorption is achieved and the diffusion of chemical odour through the environment is prevented. The electrical board having the necessary thermal and contactor protections is located on the cabinet. The illumination is provided by fluorescent armatures. The length of the cabinet varies depending on the number of robots.

Pioneer Crinkle Machine

Salient Features-

- Pneumatically Operated
- Automatic Running
- Built with unmatched technology
- Heavy Heater for long time heating
- Auto Timer Auto Control
- 1 minute time for 1 viscose (very fast & very simple)



Pioneer Fixation Mannequin



Pioneer Vertical Scrapping mannequin

Owing to our rich industry experience, we are engaged in manufacturing and supplying a qualitative range of Scrapping mannequin. The offered mannequins are manufactured using high quality raw material and latest technology in conformity with the set industry standards. These mannequins are well-known among clients for their rugged design, high operational fluency, hassle free functioning, easy installation & handling and zero maintenance.



Pioneer Horizontal Scrapping mannequin

We are successfully ranked amongst the top manufacturers and suppliers of a comprehensive range of Horizontal spray mannequin. These dummies are fabricated using top quality raw material and advanced technology in compliance with the international standards. These are highly durable owing to their extended efficiency, easy operation and longer working life.





PIONEER UDYOG

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

Unit- II :- D-431, Main Burari Road, Swaroop Nagar, Delhi-110042

Mob: +91 9711442741, +91 9810004151 Tel: +91 1165953305, Fax: +91 1165953306

E-mail: info@pioneerudyog.com, pioneerudyog@yahoo.com Web. www.pioneerudyog.com



