

Dyeing Machines

- Dyeing machines are fabricated to cover all kinds of dyeing machines to be used in dye houses, textile college & universities.
- These are fully capable of providing efficient dyeing.
- Given in the next slide is the exhaustive range of dyeing machines:

Different dyeing machines used

1. [Beaker Dyeing Machine](#)
2. [Textile Dyeing Machines](#)
3. [Multi Nozzle Soft Flow Economical Dyeing Machine](#)
4. [H. T. H. P. "U" Type Fabric Dyeing Machine / Scouring Machine](#)
5. [IR Beaker Dyeing Machine](#)
6. [HTHP Beaker Dyeing Machine](#)
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10. Winch Machine
11. Hank Dyeing machine
12. Arm Dyeing machine

Beaker Dyeing Machine

Beaker Dyeing Machine Atmospheric Pressure Beaker Dyeing Machine is used for high temperature dyeing of fabric and yarn. This machine is used for sample dyeing of Yarn / fabrics at a max temperature of 98° C. The machine is model. Models are available on request.

- * 12 Beakers X 250ml

- * 6 Beakers X 250ml

- * 6 Beakers X 500ml

- * 10 Beakers X 250ml.

The equipment is basically a doubled walled stainless steel tank. The inside/ outside tank are of SS 304 Grade sheet & jars are of SS 304 Grade. A motor & a cam – assembly are provided to give to & fro movement to SS rods to which yarn or fabric samples are tied

Textile Dyeing machines

Superior functioning dyeing machines of reputed make. These dyeing machines are extensively used for dyeing woven and knits fabric of viscose, silk, light weight cotton, wool, etc. Available at industrial competitive rates, the range is offered in tamper-proof packagings that ensure full-protection against damage.



Multi Nozzle Soft Flow Economical Dyeing Machine

- Multi nozzle soft flow economical dyeing machine(fabric / piece dyeing machine)



H. T. H. P. "U" Type Fabric Dyeing Machine / Scouring Machine

- Machine pressure vessel and major wet parts made of stainless steel AISI 316 / 316 L highly corrosion resistance material.

Heavy duty stainless steel centrifugal pump for optional dye liquor circulation. Highly efficient heat exchanger for fast heating and cooling.

Features :

- * One stainless steel filtering device placed in such a way for easy cleaning.
- * The unique design of jet nozzle can provide high discharge of liquor with subsequent pressure to ensure fast movement of fabric transport up to 300 mtrs/Min and the speed of fabric can be adjusted, required to desire quality
- * A mirror polished fabric transport perforated basket for easy trouble free movement of fabric from back to the front of machine, perforated basket fabricated in such a way that welding part does not come in contact with fabric.
- * For preparing chemical, colour kitchen tank is provided made out of stainless steel 316, with required valves for auto dozing.



IR Beaker Dyeing Machine

IR Breaker Dyeing machine, came with excellent features these dyeing machine is economical. Functioning includes process control at each step of the process.

It measure temperature of solution inside the beakers. It requires very low maintenance. Standard machine includes special dosing systems for chemical addition and have 50 programs with each having 50 steps.

Other features including:

- Loading of all types of beaker in a single carrier
- Test washing fastness with optional beak

HTHP Beaker Dyeing Machine

- HTHP Beaker Dyeing Machine is used for dyeing sample of fabric and yarn at high temperature and high pressure, for all type of synthetic fibres like polyester, viscose, nylon, acrylic and acetate, which is dyed by disperse dye. All these fibres/fabric can easily dye by this Sample Beaker Dyeing Machine. Technical Specification: HTHP Glycerin Bath Beaker Dyeing Machine (Fully SS)
 - * With Digital Temperature Indicator and Controller
 - * Double walled Structure filled with Mineral Glass Wool Insulation
 - * No. of Heater : 3 x 1500 W
 - * Maximum Temperature 1400C
 - * Maximum rate of heating 1.50C
 - * Maximum rate of cooling 1.50C (Water temperature max 250C)
 - * Cooling arrangement Through Copper Tube.
 - * Glycerin medium is used for heating.
 - * Limit Switch is provided for Open Door Safety.
 - * Fully SS Body of SS 304 Grade

U Type Fabric Dyeing Machine

U Type Fabric Dyeing Machine. The specifications are provided as follows:

- * No pilling effects
- * No Abrasion
- * No Foaming problem
- * No Weight Loss
- * No distortion
- * No crease mark & cracking
- * Even Dyeing Effect
- * Complete Reel operated
- * Liquor Ratio 1:3 to 1:5
- * Feel of Fabric is retained



Industrial Basket

- Industrial Baskets that are immensely used in textile dyeing plants.
- These Baskets using high grade raw material to ensure their durability, corrosion resistance and abrasion resistance.
- The range is available in variegated sizes and specifications to suit different application



Maxi Type Jumbo Jigger Machine

- The technical specifications of Maxi Type Jumbo Jigger Machine are geared to offer maximum efficient and high performance. Making the machine a durable product are the following features -
 - * Gradual Start and Gradual Stop.
 - * The equipment is constructed from AISI 316 Stainless Steel.
 - * The door operates pneumatically.
 - * Large inside viewer windows design incorporated.
 - * Special gasket to seal the steam from escape.
 - * Steam coils in the hood absorb condensate drips.
 - * Circuit pumps the dye liquor for better circulation, leavening of the dye as well as controlling the flow from the spray pipes for washing and raising.
 - * A large surface area dye filtering area is attached on the outside of the machine.
 - * Dye and Chemicals have different service tanks.
 - * The machine is controlled through the microprocessor according

Jiggar Dyeing machine

- It encompasses Jiggar Dyeing Machine, a technically superior dyeing machine that is ideal for washing enzymes, denim garments, cotton & woolen clothes.
- This precision engineered device is provided with many advance features and are acknowledged for its durable finish standards, excellent operational life and sturdy construction.



Winch Machine

- The development of Winch Dyeing Machine, which is widely appreciated for its easy operations, application specific design and long lasting service life. This user-friendly device is easy to install and has durable finish standards. The body of the machine is fabricated from premium quality Stainless Steel-304 grade.
- Features:
- Water inlet and out let valve
- Direct steam coil made of perforated pipe
- Machine body made of SS sheets 304 quality
- Complete nipple with electric motor standard company
- Big Roller made of SS or pipe and small roller made of SS pipe

Winch Dyeing Machine

- Winch dyeing machines comes with the lucrative options of low cost design, simplicity in operation and maintenance yet uncompromising features when it comes to versatility. Mostly woollen and silk fabrics are dyed by using Winch Dyeing machine. The dyeing machine derives its name "Winch" as the fabric rope gets circulated in the machine by way of a mechanical action of a horizontal rotor or reel, called as a winch or sometimes wince. The cross-section of the winch rotor may be circular or elliptical.

The winch dyeing machine has a front compartment, a perforated partition separates it from the main dyeing chamber. It is this front compartment where dyestuff and dyeing auxiliary additions are made. Gradually they move to main dyeing vessel from there. The process works like this first a series of fabric ropes are immersed in the dye bath. This fabric ropes must be of equal lengths. A part of each rope is then taken over two reels or over the winch itself. In the subsequent course of dyeing operation a rope of fabric is circulated through the dye bath and the winch. The dyestuff and auxiliaries are dosed manually or automatically according to the recipe method.



Hank Dyeing Machine (Carrier Type)

- Banking on the rich industrial expertise and knowledge, technically superior Hank Dyeing Machine (Carrier Type) has been engineered, which is easy to install, operate and has reliable service life.
- This device is developed after thorough research and is widely appreciated for its optimum performance and trouble free service life.

Hank Dyeing Machine

- The development of Hank Dyeing Machine (Cabinet Type), which is suitable for dyeing Acrylic, Wool, Nylon Jute Cotton. This user friendly is provided with many advance features and is widely acclaimed for its fast dyeing properties, trouble free service life and less maintenance.
- Features : Machine is suitable for 98 c temperature
- Automatic reversal device for the control of the flow direction
- All oxidation outlets are provided with valves and dosing pump
- Machine is suitable for vat dyeing and is provided with dye additional tank



Arm dyeing machine

Arm dyeing machines are made of corrosion resistant and are equipped with a low pressure pump with a variable output. It is suitable for treating delicate yarn such as pure silk, rayon, mercerised and superfine cotton yarn.



Soft Flow Dyeing Machine

Soft Flow Dyeing Machine, which ensures even dyeing with low tension and accurate rinsing system.

Fabricated as per international quality norms, this device is widely appreciated for hosts of outstanding features like trouble free service life, optimum functionality and energy efficiency.

