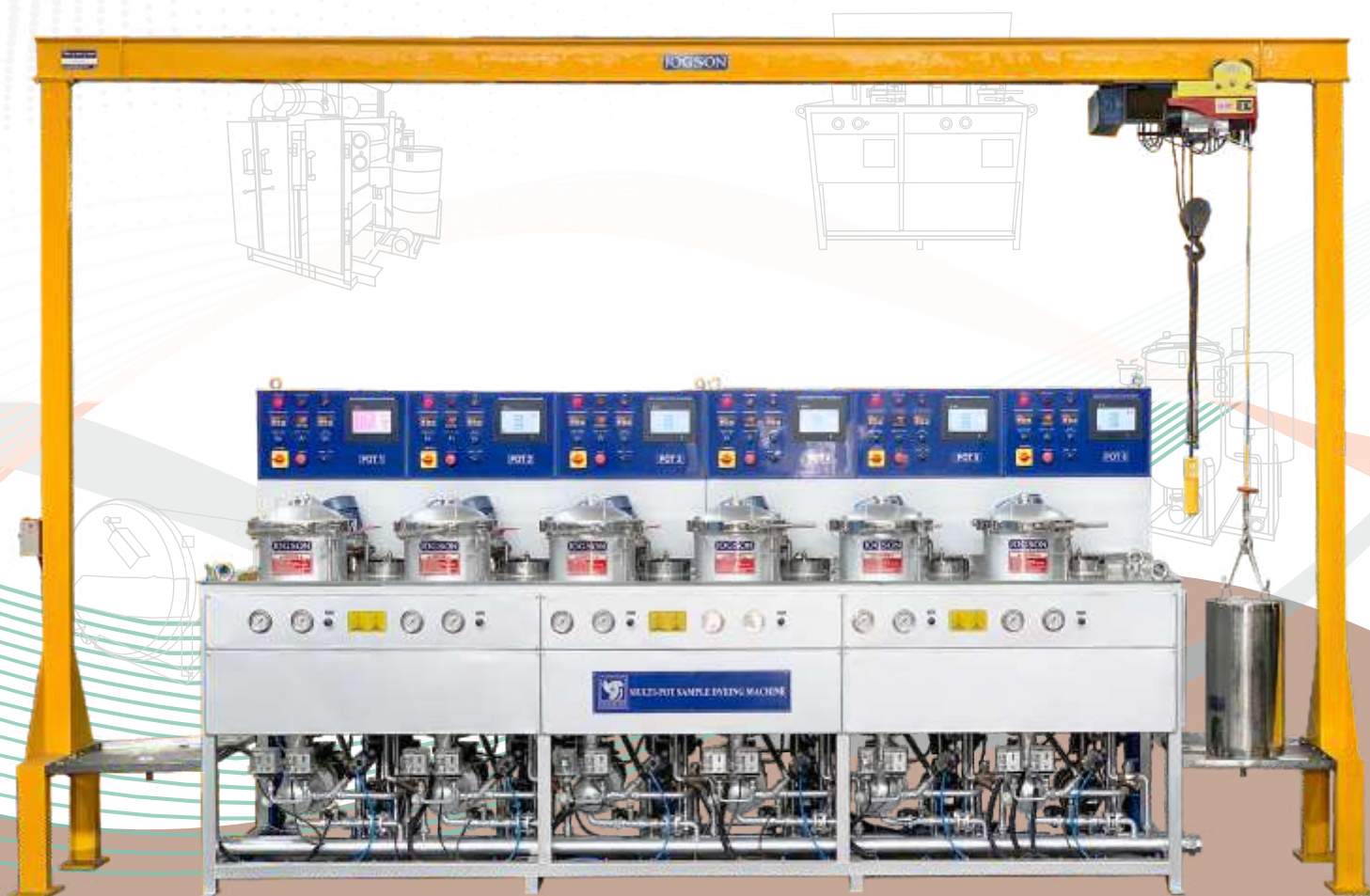




MULTIPOT DYEING MACHINE

Equipped with



SedoTreepoint | Germany
Dyeing Controller



Extended
product lifecycle



Minimised
carbon footprint



Climate-neutral
products



Minimum
uptake



Waste
Prevention



Excellent Dyeing
Result

Yarn dyeing industry needed a versatile sampling machine for their labs and R&D, so with the inputs of world wide dyeing industry leaders, JOGSON developed a unique and innovative concept in its own, Multi Pot Dyeing Machine which is offered from 2 pots to upto 10 pots on a common table either coupled to dye batches of same colour or can run individually to facilitate dyeing batches of different colours simultaneously. This is very useful for standardizing the recipes of dyeing before batches are taken in bulk. This avoids trial and error methods, hence saves time and resources utilized. Each pot can range from 20 grams. to 30 kg. per batch as per the requirement.

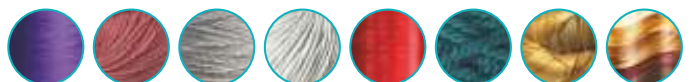
Salient Features //

- All possible Coupling options between pots
- Machine body & all parts coming into contact with the dyeing liquor are made of AISI SS 316Ti/316L, highly corrosion resistant
- Each Pot equipped with Direct mounted Turbo Pump for liquor circulation (In-Out & Out-In) with Inverter drive for varying the speed
- Control panel with choice of semi-auto / auto JOGSON dyeing controller
- MLR ranging from 1:3 to 1:6
- Works on both fully flooded and air pad mode
- Available in semi auto and fully auto models
- Each pot has individual dosing tank with Injection Pump for fast dosing of dye liquor (Optional)
- High efficient internal heat exchanger for indirect heating/cooling which has no energy loss to the ambient
- Electric heating / direct gas burner (optional)
- HT Drain - the machine can be drained at 130° C without colouring
- Pneumatically operated top lid safety locking / unlocking
- Human / Machine safety interlocks
- Plug and play model
- Safety level sensor for turbo pump and heating in each pot
- Overhead Loading / Unloading system (Optional)
- Modular pipeline design to minimise installation cost

Advantages //

- Multiple pots on single table suitable for labs/small lots
- Compact arrangement of JOGSON turbo pump, heat exchanger and piping is the main key to low MLR, high efficiency and floor space saving
- Inverter driven turbo pump for variable flow control; saves upto 40% power consumption hence more Energy Efficient
- HT drain at 130°C for oligomers elimination during polyester dyeing process, shortens batch time, effectively removes water from the package
- Excellent dyeing result and levelness, High Right First Time
- Water level, pressure, distinctive temperature multiple safety interlock, ensures operational safety
- Modular construction system up to 8 vessels with upgrading possibility

SUITABLE MATERIALS



Polyester Wool Viscose Cotton Nylon Acrylic Silk Human Hair



Model : JMD 2

Capacity

- For Cones - 3 cones x 2 pots
- For Tape - 5 kg x 2 pots
- For Hanks - 5 kg x 2 pots

Technical Data //

- Maximum design pressure 5 bar
- Maximum design temperature 140°C
- Heating gradient 25°C - 130°C approx at 5°C /min. (Dry saturated steam pressure at 7 bar), approx at 30C/min with electric heaters.
- Cooling gradient 130°C - 85°C approx at 3.5°C/min. (Cold water of 25°C at 3 bar)

SUITABLE FORMS



Cone Zipper Tape Hanks Fiber Tops Muff Narrow Fabrics

JMD - MAX //

- This model is the best choice for taking out the medium size batches with maximum versatility
- It is offered for any combination between 10 to 30 kg in set of 2 to 10 Pots
- By opting for coupling feature, the user can dye the bigger batches
- Capacity of the machine may vary according to the material i.e Polyester, Cotton, Viscose, etc. and forms i.e Cone, Hanks, Tapes, etc.



Model : JMD 2

Capacity

- For Cones - 10 cones + 15 cones
- For Tape - 20 kg + 30 kg
- For Hanks - 20 kg + 30 kg

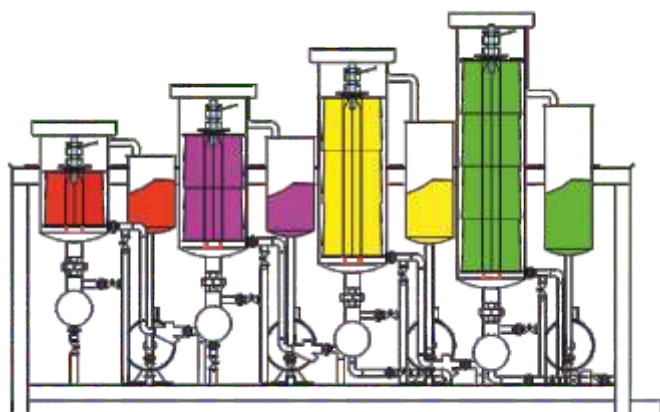


JMD - MIX //

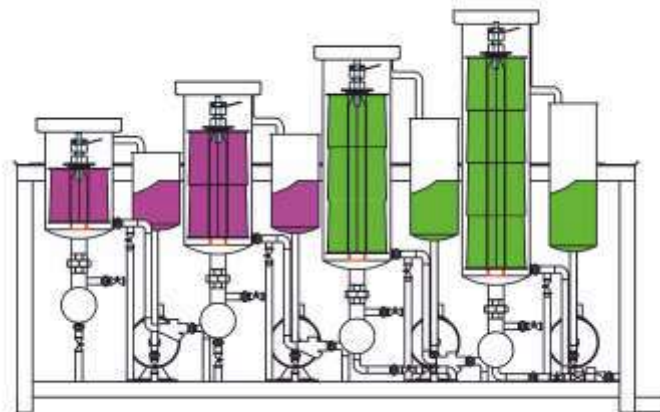
- Most selling model in this category is JMD Mix (1+2+3+4)
- In this model there is benefit that one can dye all ranges between 1 Kg to 10 kg by using the coupling feature
- It is suitable for both; cones & loose material
- Up to 10 pots of capacities ranging between 1 kg to 20 kg can be supplied on common table for ease of usage
- Option of coupling of 2 or more pots enables the dyer to produce bigger batches of same color

JMD - MINI (20-500 GM) //

- JMD Mini - 6 Pots (250 gm/pot) is the model which has become the first choice of dyeing units with regular requirement of sampling
- By getting high RFT this apparatus helps in saving time and resources which results in attaining financial benefits
- Up to 10 pots of capacities ranging between 20 gm to 500 gm can be supplied on common table
- Choice of coupling of 2 or more pots enables the dyer to produce bigger samples of same color



Individual Mode



Coupling Mode

OUR PRODUCT RANGE



**MULTIPOT DYEING
MACHINE**



**VERTICAL TUBULAR DYEING
MACHINE**



**VERTICAL DYEING
MACHINE**



**HORIZONTAL TUBULAR DYEING
MACHINE**



**HORIZONTAL VESSEL DYEING
MACHINE**



**MULTICOLOR SPACE DYEING
MACHINE**



**GLYCERIN BATH BEAKER DYEING
MACHINE**



**YARN CONDITIONING
MACHINE**



HYDRO EXTRACTOR



HOT AIR DRIER



INDUSTRIAL WASHING MACHINE



TUMBLER DRIER



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