

Menzel Textile Wet Processing Range

For Woven Fabrics:

Singeing Desizing Range
Continuous Scouring & Bleaching Range
Chainless Mercerising Range
Chain Mercerising Range
Combi Mercerising Range
Continuous Dyeing Range Type H - Control (Moisture Control)
Continuous Pad Steam Dyeing Range
Cold Pad Batch Dyeing Range
Continuous Washing Range for After Dye / Print Washing
Loop Steamer
Hydraulic / Electronic Jigger
Rope Washing Range

For Knitted Fabrics:

Continuous Open Width Bleaching Range
Continuous Open Width Washing Range for After Dye / Print Washing
Continuous Open Width Cum Rope Washing Range for After Dye / Print Washing
Loop Steamer
Rope Bleaching Range
Rope Washing Range

New Products launched during INDIA ITME 2022 .

Megalax Retention
Fully Automatic Hydraulic Jigger
Pulsation Jigger
OptiPulse
OptiWash DL Genie Washer
Opti Dip Chemical Applicator
H-Control Continuous Dyeing
Compact Flow = Twin Washing Compartment



Chainless Mercerising Range



Bleaching Range



Combi Mercerising Range



Bleaching Range for knitted fabrics



Washing Range



H-Control Pad Dry Continuous Dyeing



Pad Steam Dyeing Range



Scouring Range



Bleaching Range



Rope Washer



An ISO 9001 - 2015 & 14001 - 2015 Certified Company



MENZEL Engineering India Pvt. Ltd. A German Joint Venture Company

Regd. Office & Works: Agarwal Udyog Nagar, Gala No. 9, Bldg. No. 2 Extn., Waliv, Vasai (East), Pin-401208. Dist. Palghar, Maharashtra, India.

E: sales@menzelindia.net (M) +91 90222 22000, (M) +91 97025 65555

GST: 27AAECM7733R1ZP | CIN: U29219MH2006PTC164015

Ahmedabad Works: Plot No. 96, Road No. 7, Kathwada GIDC, Odhav, Ahmedabad 382430 Gujarat, India.

E: menzel.amd@menzelindia.net GST: 24AAECM7733R1ZV

Bhilad Works: Plot No. 3, 4, 8 & 9, Daga Udyog Nagar, N.H. No. 48, Bhilad-396105. Dist. Valsad, Gujarat, India.

Setting standards in Textile Wet Processing Machinery Industry



GAS SINGEING MACHINE FOR WOVEN FABRICS

The equipment is mainly on the surface quality of repair function, remove the surface too long hair, make the surface more smooth, beautiful. As the textile raw material prices, resulting in many yarn quality decrease, decline the body now the surface of the fabric down too much, quality, and customer requirements in cloth villi increasingly picky, so the dyeing and finishing plant in the treatment of villus, is quite a headache, the general dyeing factory in ground treatment, this approach costs are relatively large, but also on the surface and produce another problem - - bursting force difference, great loss. If the processing of singeing machine, not only can improve the quality of cloth of a grade, and the use of raw material cost is reduced greatly, reduce the corrosion process and reduce the hair dyeing, dyeing cost, but also does not cause adverse effects on the cloth.

Equipment = both side singeing of fabrics, drive in the left or Right

Device width = 1800 to 3600 mm

Equipment heat source = liquefied petroleum gas, natural gas, gasoline.

The energy consumption of the equipment = to use liquefied petroleum gas, type 2400 width as an example energy about 18Kg/hr

Equipment speed = 0 meter to 100 meter /min

Electric control = Ac frequency conversion

Methods = to burn protruding fiber

Adjust the spacing between = Burner and water cool guide roll gap adjustment between 10 mm to 30 mm

Breakpoint processing = automatic steering crater

Fire = steam & water

Burning cloth grade = 34

To burn fabric backing cold roller singeing, blocking singeing flame, effectively penetrate fabric singeing, medium intensity, and singeing burner and the fabric into a 90 degree angle singeing, effectively prevent dust.

Application: Natural fiber fabrics, woven fabric grams of recycled fiber or other fiber weight more than 250 grams square meters thick fabrics

Burn through = flame at right angles to the fabric surface fabric singeing, this position can get the strongest flame, obtain the best singeing effect and singeing burner and the fabric into a 90 degree angle singeing, effectively prevent dust singeing process of flying plug burner.

Aluminum Alloy Burner:

The physical structure of aluminum alloy forming an independent processing, high strength, light weight, energy saving, cooling water. Main Body and the nozzle cooling fire effectively, ensure the burner body without deformation.

Flame properties of high flame temperature strong penetrating power the first goods. After many tines of mixed gas compression through point and then become an uninterrupted fire after high temperature refractory bricks guide jet out so that the flame with high heat and the flame stability not drift not shot so that the heart of the flame is not lost so as to improve the effect.

Efficient normal fabric singeing, only needs to crater ensuring a clean fabric singeing at the same time greatly reduce the defect rate. High efficiency and energy saving compared to the old burner of singeing machine energy consumption can be reduced by half with 2 burner width 2000 mm type singeing machine as an example natural gas liquefied petroleum gas of about 14kg/h to about 16-18m3/h.

