

Surfex®

TRUSTED QUALITY SINCE 1977



AIR OPERATED SHOT BLASTING MACHINE



Roll Etching Machine (Shot Blasting Machine for Rolls)



SURFEX® designs and manufactures the Air Operated Roll Etching (or Roll Blasting / Roll Texturing) for a Rolls used in Rolling Mills.

The machine will be based on Pressure Principle. It will consist of blast cabinet, job support and rotating station with work car, horizontal nozzle reciprocating arrangement, reclaiming unit, storage tank, blast generator and dust collector system.

The Roll will rotate on its axis and the blast nozzle will move forward & backward (with the help of nozzle reciprocation arrangement) and clean the Roll uniformly from outer periphery.

Indexing Table Type Shot Blasting Machine



SURFEX® designs and manufactures the Air Operated Indexing Table Type Shot Blasting Machine for a wide range of components (Components of Automobile Industry / Components of Aerospace Industry / Castings / Forgings / etc.).

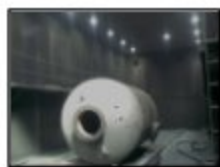
The machine will be based on either Suction Principle or Pressure Principle. In this machine, Main Turn table having suitable number of Satellite Stations (4 / 6 / 8 / 12 or as suitable) will be provided. The components that are to be shot blasted are loaded on these satellite stations at loading/ unloading side.



Manual Blast Room System

SURFEX® designs and manufactures the Blast Room with Media Recovery System (Screw Conveyor Type / Scrapper Type / Mini Hopper Type) for Manual Blasting a wide range of components (Castings / Fabricated / Forgings / Structural Cleaning / etc.).

SURFEX® equipment includes a fully automatic Dust Collection System to remove dust and fines from the blast room.



Paint Spray Booth System



SURFEX® designs and manufactures the Paint Spray Booth for Manual / Automatic Painting. The paint spray booth is suitable for any type of Airless and Electrostatic Painting.

Type of Paint Spray Booth System:

1. Semi-Down Draft Type Paint Spray Booth
2. Down Draft Type Paint Spray Booth
3. Water Curtain Type Paint Spray Booth

Baking Oven (Curing Oven)

SURFEX® designs and manufactures the Curing Oven (or Baking Oven) for Primer / Paint / Top Coat Baking.

The oven works on the theory of the thermal radiation, i.e. when Diesel / LPG / PNG fired burners / Electrical Heaters fires, the heat exchanger become red hot, and air passing over the heat exchanger becomes hot due to the radiation energy of red hot heat exchanger. After re-circulating repeatedly, the air inside the oven becomes hot, and the reverse process happens to cure the coated components.

Tyre Mould / Mould Cleaning Shot Blasting Machine

SURFEX® designs and manufactures the Air Operated Tyre Mould / Mould Cleaning Machine.

The machine will be based on Induction Suction Blasting Principle. The machine consists of Blast Cabinet with Motorized Rotary Turn Table, Track Extension with Trolley (Trolley operated by Motorized Winching Arrangement), Suitable number of Suction Blast Guns, Manual Nozzle Reciprocation Arrangement, Manual Hydraulic Hand Pump for Turn Table Tilting, Abrasive Recovery Unit, and Dust Collector Unit.



Automatic Wet Blasting / Vapour Honing Shot Blasting Maching

SURFEX® designs and manufactures the Air Operated Automatic Wet Blasting / Vapour Honing Machine for a wide range of components (Mould Cleaning of Pharma Industry / Components of Automobile & Aerospace Industry / Parts of Gas Turbine / Aluminum Alloy Wheels / etc.).

The slurry of abrasive media (Glass Bead / Alumina Oxide) and water is pumped to the wet blasting gun.

The machine consists of Blast Cabinet, Motorized Turn Table mounted on work car (provided if required), Motorized Nozzle Reciprocation Arrangement for Auto Blasting, Suitable No. of Wet Blasting Guns, Abrasive Recovery Unit with Storage Hopper, Pneumatic Agitator, Slurry Pump, Mist Collector/Mist Separator, and Control System, etc.



Conveyor Type Shot Blasting Machine

SURFEX® designs and manufactures the Air Operated Conveyor Type Shot Blasting Machine (Continuous Type) for a wide range of components (Castings / Components of Automobile Industry / Aluminum Profiles / Bake Shoe / Clutch Plates / Ceramic Components / etc.).

The machine consists of Blast Cabinet Conveyor Arrangement, Suitable No. of Blast Nozzles (or Suction Blast Guns), Nozzle Reciprocation Arrangement (Single or Dual- as required), Abrasive Recovery Unit and Dust Collector Unit.



Manual Dry Blast Cabinet Type Shot Blasting Machine

BEFORE

AFTER

Reverse Pulse Jet Horizontal Cartridge Type Dust Collector

SURFEX® designs and manufactures the Air Operated Dry Blast Cabinet Type Machine for Manual Blasting . The machine will be based on either Suction Principle or Pressure Principle.

Our Esteemed Clients**SURFACE FINISHING EQUIPMENT COMPANY**

E-100, M.I.A, PHASE-II BASNI, JODHPUR-342005(RAJ.) INDIA
 Mob:- +91- 9829022624, TEL:- +91-291-2740128,+91-291-2740259
 Website :- www.sfecindia.net , E-mail:- info@surfexindia.com