AUTOMATIC ROTARY SPRAYING MACHINE

THE MACHINE, IS MANUFACTURED WITH LATEST TECHNOLOGY BY DEMAKSAN, REPRESENTS THE BEST TECHNICAL SOLUTION IN THE FIELD OF SPRAY PAINTING.

SPRAYING CABIN

1 UNIT - ROTARY DEVICE FOR PAINTING ON AUTOMATIC BOOTHs
MODEL SP 100

Perfectly fits any type of painting machinery, composed of:

- Motor reducer equipped with inverter for changing the carousel speed.
- Adjustable carousel speed from 1 to 25 rpm.
- 12-arm model construction.
- Painting unit; available to apply up to 3 guns for each arm.
1 UNIT - CENTRAL SHAFT FOR AUTOMATIC SPRAY BOOTH MODEL RINT-10

With 3 separated ways of air and 4 independent ways for the finishing compounds, with DEVICE FOR GASKETS AUTOMATIC PRESSURE included.

1 UNIT - LIFTING / LOWERING SYSTEM

For rotary device SP100 with motor reducer for changing the carousel height. Maximum height changing 150mm. The distance between the guns and the skins can be seen on the digital screen.

AUTOMATIC SPRAY GUNS –

The new HVLP (low pressure) automatic gun model KA-300 enriches Spraytech already rich product range. Designed to achieve the highest spraying quality with the lowest possible air pressure, this gun allows to work at an atomization pressure of 0.2 – 0.8 bar. This result allows to achieve noticeable chemicals saving. Moreover, the accurately processed components of the gun allow to obtain a considerable spraying quality. The gun is available with nozzles of different sizes and various types of head.
2 UNITS - FLOW RATE REGULATORS MODEL DTR-S

With 24 regulators model DTR-N for each plant, to regulate the amount of the sprayed finishing compound on all the spray guns at the same time, complete with all accessories for the installations (tube, connections, manometers, regulators, etc)

2 UNITS - COMPLETE PUMP

With reverse – stream washing technology this automated cleaning system makes you able to pass from one colour to another in a few minutes and no blockage or dirt remains in the pipes. Also the remaining chemicals in the pipes of the distribution system (about 5-10 liters) is earned back so this system, while decreasing the cost of the chemicals, also reduces the pollution caused by the waste chemicals from the spraying plant. (compression ratio = 1:1)

1 UNIT - ELECTRONIC SYSTEM FOR THE CONTROL OF THE SPRAYING MODEL E.P.S. LEONARDO

composed of;
- 2 command boxes
- control box
- bar for reading
- rotative double collector with encoder
- encoder for control belt
- electric feeder
- set connection caves
E.P.S. LEONARDO is a special electronics system that enables controlling 64 spray guns at the same time separately to give each one different commands. The shape and position of the leather on the conveyor, daily sums, working-cleaning times, the quantity of the sprayed skins, the percentage between the real area and the sprayed area of the skins, etc... information can be observed from the screen.

1 UNIT - ELECTRONIC CONTROL PANEL – MODEL SUPER-G

For the control of all parameters of the machine. The adjustment of the height of the guns from the skins, adjustment of the speed of the carousel and conveyor, adjustment of spraying pressure, air and clour flow rates, etc...
DRYING TUNNEL TECHNOLOGY:

The new empowered air circulation fans maintain real homogeneous distribution of heat all along the drying tunnel for maximizing the standardisation of production.

Sensitive humidity control system improves the efficiency of the drying process by discharging the moist air from the base of the drying tunnel while letting the same amount of heated fresh air into the drying tunnel.

The special over-flow air circulation system, only uses the air from the top part of the tunnel, to avoid from any contamination of dust or other particals which may accumulate at the bottom part, serving the quality of finishing particularly but considerably.

Strong isolation do not let the inside temperature of the drying tunnel to disturb the working environment while preventing the System from any heat loss and passively but greatly effects the economization of the drying process.

Upwards and downwards movement of the side doors make it very easy to clean the tunnel saving time and labour. To secure the workers the movement of the doors are alerted by siren and light.

A cooling unit is included with the drying tunnel to achieve the best fixation of the finishing compounds in processing cow skins.
* The rollers at the entrance and exit of the machine are grooved per 15mm to set the lines in order. The changing of the lines are very easy.

** The exit roller has a specially designed cover which avoids skins from falling and capture.

*** pneumatic perlon cleaning system is included.

**Technical features:**

**Installed power**

1 conveyor motor 1,5 kw 41 rpm output

Speed control by electronic inverter
4 air circulation fans 4 kw 1000 rpm
1 cooling unit fan 1,1 kw 900 rpm

**Isolation**

Poliurethane 36 density (kg/m3) 40 mm

* Some dimensions can vary according to customer requirements.