

SURFACE
TREATMENT
SOLUTIONS

 NIPEMA OY

SPRAYING VALVE 1
UPPER
RECIPROCATOR

SPRAYING VALVE 2
UPPER
RECIPROCATOR

LX124
OV
SPRAYING VA
BOTTOM
RECIPROCA



PRESERVATION LINES

Nipema Oy produces industrial coating solutions for corrosion control. The preservation lines are for the painting of unfinished steel products and usually consist of a painting chamber, conveyor and the after dryer unit.

Optional equipments can be added to improve treatments effectiveness. Preservation line is a turn-key project which is suited for customer individual specifications.



PAINTING CHAMBER

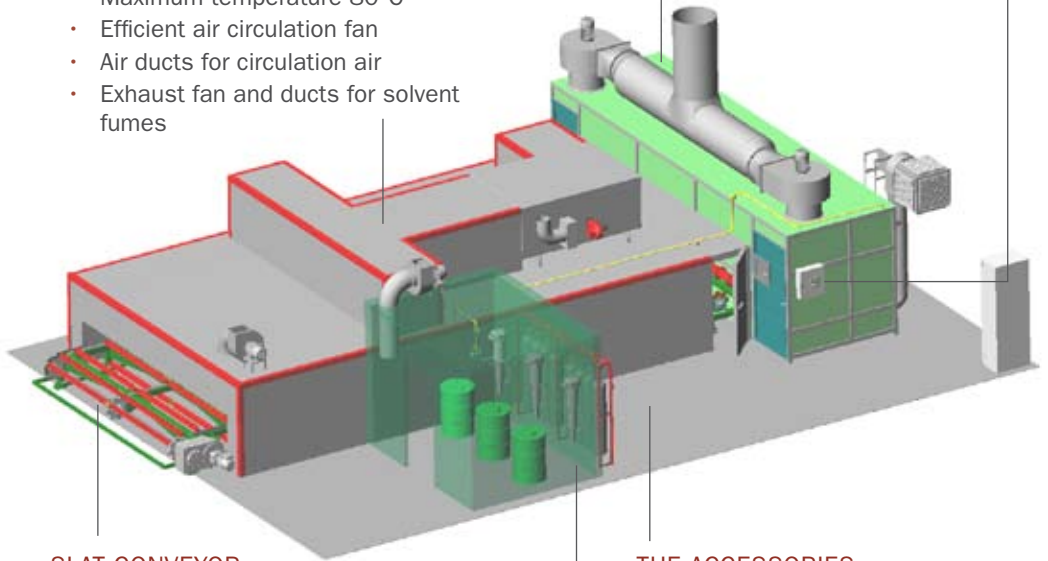
- Two stage dry filtering for exhaust air
- Optional extra filtration unit
- Conveyor rolls through the chamber
- Two reciprocators for both side painting
- Painting object is measured by sensor system

PLC CONTROL UNIT

- Main electric box and control panel
- Frequency converters for reciprocators
- Accurate control for spray guns
- Heating control of after dryer
- Automatic height adjustment for upper spray guns

AFTER DRYER

- Gas or oil burner with heat exchanger
- Maximum temperature 80°C
- Efficient air circulation fan
- Air ducts for circulation air
- Exhaust fan and ducts for solvent fumes



SLAT CONVEYOR

- Line speed usually 1-4 m/min
- Welded t-bars reduces contact points
- Frequency converter for accurate speed control

THE ACCESSORIES

- CO2 -fire extinguishing system
- Room for painting equipments
- Paint storage room
- VOC incineration
- Solvent distillers

PAINTING EQUIPMENTS

- Pumps, agitators, filters, nozzles etc.
- For solvent - and water-based shopprimer paints
- Automatic 2K mixing and dosing equipments

