



Steel Belt Systems

# Extrusion & Powder Coating Division

## Chill Roll / Powder Coating Cooling Systems

### Chill Roll scheme

Model	Capacity
C24/16 - 100/80	350÷450 kg/hr.
C24/16 - 100/120	550÷750 kg/hr.
C24/16 - 100/150	800÷1.000 kg/hr.

### Performance - Nominal

- > Product feeding temperature: 140°C
- > Product discharge temperature: 30°C
- > Nominal capacity Kg/ hr.: see above

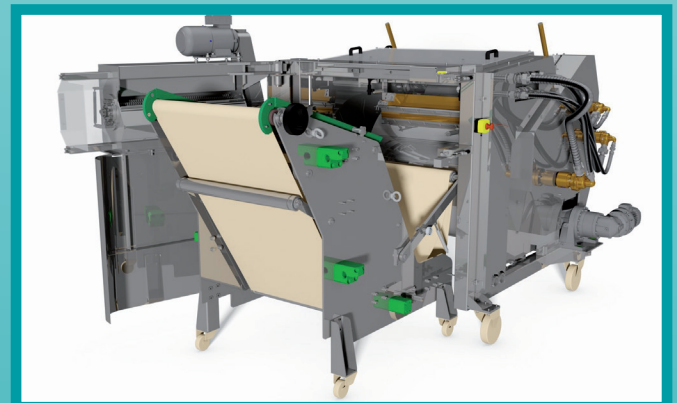
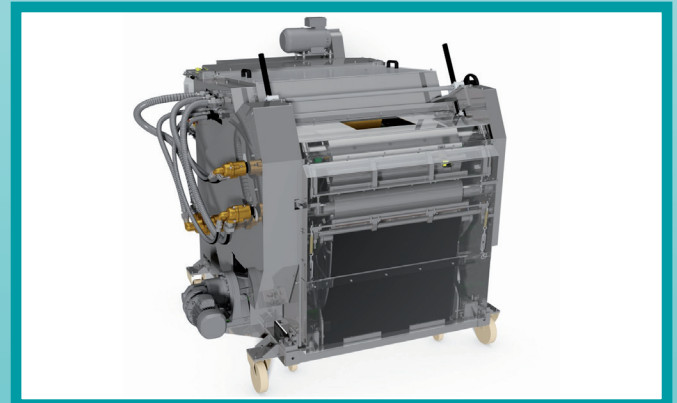
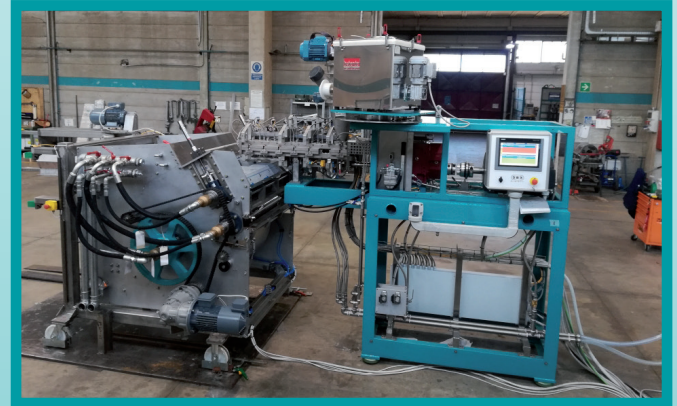
### General characteristics

- > Water consumption m<sup>3</sup>/hr (3 bar pressure): 30/24/14
- > Compressed air supply bar: 6
- > Overall dimensions / weight: see specification

### Composition of the supply

- > First calendaring roll cooled mm: 240
- > Second calendaring roll cooled mm: 160
- > Diameter drum (double type with peripheral water circulation) mm: 1200/1000/1000
- > Belt width in PTFE mm: 1500/1200/800
- > Belt speed m/min: 2-8
- > Extractable cartridge\*
- > Drum motor power kW: 5,5/3,6/3
- > Transmission: Planetary motor gear + chain
- > Nr. 1 Scraping blade
- > Machinery structure in stainless steel with aluminum shoulders
- > Breaker motor power by: 2,5 kW  
Minibreak \*\* type dia. 137mm with n. 1 removable break comb and various accessories.  
Hinged mounted for easy cleaning/maintenance.
- > Pellets thickness approx. 1,2 - 1,8 mm

\*\* the **Minibreak** has the advantage to produce smaller and more calibrated flakes, with better consequent performance of the mills and output capacity



\* the **Extractable cartridge** allows a faster and more efficient cleaning

## CONTACTS

### SBS Steel Belt Systems Srl

#### Headquarters and Factory

Via Enrico Mattei 3 - 21040 Venegono Inferiore (VA) - Italy

Tel. +39 0331 864841 - Fax +39 0331 864959

E-mail: info@steelbeltsystems.it - www.steelbeltsystems.it

**Registered Office:** Via Roncaglia 14 - 20146 Milan - Italy

#### Powder Coating Factory

Viale del Tirreno n° 32 - Former Pirelli Industrial Area

98049 Villafranca Tirrena (ME) - Italy

Tel. +39 090 336462 - Fax +39 090 336529

E-mail: info@sbspolveri.com