



Steel Belt Systems

# Extrusion & Powder Coating Division

## EBVP Twin-Screw Extruder

### Main Characteristics:

- > Complete with single / double screw standard feeding system and hopper
- > Specific energies used to calculate capacities:
  - EP/PE 0.08 kW – hr/kg
  - PE PRIMID 0.09 kW – hr/kg
  - Clear coats 0.1 – 0.12 kW – hr/kg with 500-600 RPM max speed
- > Designed and produced in accordance with CE Standards
- > The thermoregulation system is directly controlled by Siemens PLC system
- > **Proprietary special cooling barrel design**



EBVP65/28

EBVP65/28 1200 rpm

### Main Standard Technical parameters:

Model**	Capacity* (Kg/h)	L/D	Screw diameter (mm)	Main motor power (kW)	Max screw speed (Rpm)
EBVP21	0,5÷25	28/1	21	6	900
EBVP21SL	30÷60	28/1	21	10	1000
EBVP33	150÷220	28/1	33	38	900
EBVP37	250÷350	28/1	37	45	900
EBVP45	500÷700	28/1	45	87	900
	700÷1100	28/1	45	102	1200
EBVP55	900÷1200	28/1	55	140	900
	1500÷1700	28/1	65	223	900
EBVP65	1500÷2000	28/1	65	280	1200



EBVP 45 with top feeder and forced & side feeders

\*referred to white polyester - \*\* all extruders are MV type (mega volume)

### Barrels description:

- > Modular
- > Openable type
- > Water cooled
- > Heated by cartridge heater
- > Up to 250°C
- > IP55
- > Liners:
  - 20/1 L/D K110
  - 8/1 L/D Vanadis

### Screw elements

- 20/1 L/D K110
- 8/1 L/D Vanadis



EBVP21 SL & CR 300x350 mm (Small lots)

EBVP21SL

## 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 Pilot 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