



Steel Belt Systems

Extrusion & Powder Coating Division

EBVP-SBS 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 standard
- > The thermoregulation system is directly controlled by Siemens PLC system
- > **Proprietary special cooling barrel design**



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	0,5-50	28/1	21	10	1000
EBVP33	220	24/1	33	38	900
EBVP37	250	24/1	37	45	900
	350	28/1		56	1200
EBVP45	600	24/1	45	77	900
	800	28/1		102	1200
EBVP55	1100	24/1	55	140	900
	1250	28/1		185	1200
EBVP65	1700	24/1	65	223	900
	2000	28/1		280	1200

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

Barrels:

- > Modular
- > Openable type
- > Water cooled
- > Heated by cartridge heater
- > Up to 250°C
- > IP55



Model	Barrels	Liners
EBVP21	28 L/D	8 L/D – Vanadis - 20 L/D – K110
EBVP21SL	28 L/D	8 L/D – Vanadis - 20 L/D – K110
EBVP33	24 L/D	8 L/D – Vanadis - 16 L/D – K110
EBVP37	24 L/D	8 L/D – Vanadis - 16 L/D – K110
	28 L/D	8 L/D – Vanadis - 20 L/D – K110
EBVP45	24 L/D	8 L/D – Vanadis - 16 L/D – K110
	28 L/D	8 L/D – Vanadis - 20 L/D – K110
EBVP55	24 L/D	8 L/D – Vanadis - 16 L/D – K110
	28 L/D	8 L/D – Vanadis - 20 L/D – K110
EBVP65	24 L/D	8 L/D – Vanadis - 16 L/D – K110
	28 L/D	8 L/D – Vanadis - 20 L/D – K110

CONTACTS

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