

Description	ZV20	Description	ZV20
Output Up to Depends on Material	Up to 15 Kg/hr	Specific Torque	12 Nmcm <sup>3</sup>
Specific Energy (Avg.)	0.22 units/kg.	Volumetric / Force Feeding	Twin Screw
Screw Diameter	21.5 mm	Side Feeding	Twin Screw
Channel Depth	4 mm	De-gassing (Vacuum)	Oil Ring Vacuum Pump
Screw Volume (DO-DI Ratio )	1.55	Heating System	Ceramic Heaters
Screw Length	820 mm	Heating & Controlling Zones	03 for Barrels and 01 for Die Head
Screw L/D	40	Total Heating Load	8 Kw
Screw Lobe	Bi lobe	Extruder Motor	3.5/5.5 Kw
Torque Limiter Coupling	Auto Re-engage Type	Drives	AC Inverter
Screw Construction	Segmental	Connected Energy Load	18 Kw Entire Extruder
Barrels Construction	Segmental Liquid close loupe circuit	Melt Pressure Transducer	200 bar
Screw Speed	600 RPM	Melt Temp Transducer	400° Degree C
Max Torque	75 Nm (each shaft)	Control Panel	PLC & HMI

<b>Post Extrusion Equipment</b>	For Engineering Polymers	Dry Strand Pelletizer
	For Fillers & Masterbatch	Water ring Die Face Cutter