Extruder Processing

ZV series High speed/High torque models utilize special twin screw geometry depending upon product, flow rate and types of material.

- Engineering polymers & Thermo plastics
- Polymer blends and alloying
- Masterbatches & Toner
- Filler compounding
- Food and Pharma

The ZV series design incorporates the industry standard 1.55 Do/Di ratio allowing customers to take advantage of the value proposition without shouldering the high costs of qualifying new process section geometry.

The 1.55 Do/Di ratio is optimized for torque and free volume. This design feature provides maximum capacity for those applications limited by available horsepower and/or free volume (i.e. those applications feeding low bulk density powder) for a given screw diameter.

For High Dispersion for masterbatches & filled compounds, Homogeneous mixing & optimum low shear for engineering polymer used variety of Screw Elements.

- Super conveying undercut elements
- Starve feeding elements
- Single flight conveying elements
- Compression elements
- Kneading element right 45º
- Kneading element left
- Kneading element natural
- Kneading element right 30º
- Reverse pumping left