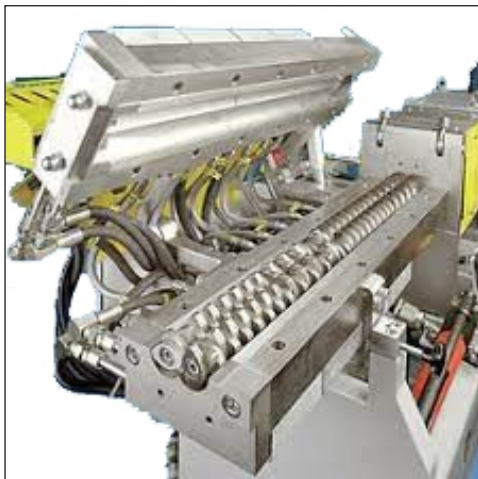




COROTATING TWIN SCREW EXTRUDERS

(For Plastics compounding & powder coatings)



All our TSE are fitted with hardened ground Twin screws on case hardened spline shafts. Electric heated & water cooled Barrels standard.

MEGA-40 Short L/D for powder coatings with clamshell barrel. Flat sheet die with Cooling Belt & Pulling Rollers can be supplied optionally.



High Torque Gear Box
& Square Barrel segment



Manufacturers:

MALIK ENGINEERS

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COROTATING TWIN SCREW EXTRUDERS

MALIK'S are renowned makers of various Twin Screw Extruders for Plastics & Food processing industry. We offer MEGA series machines in Plastics Industry mainly for polymer compounding & mixing tasks for Nylon, PC, PE, PP, ABS and other engineering polymers as well as for more recent Biodegradable granules used in Shopping Bags. Suitable Downstream items for producing pellets like Water trough, Air Knife and Pelletiser cutter can be supply as optional extra.

The MEGA TSE use precision machined Twin screws and Barrel segment on Numerically controlled machines for accuracy and long life. The materials are hardened tool steel for both and screw shafts use case hardened steel. The screw segments consisting of Conveying, Kneading, Venting & pump elements are assembled on central splined shaft and processing geometry can be easily changed on the shafts to suit special processing task and shear requirements. Barrel segments usually have Electric heaters and water cooling holes for proper temperature control on PID controllers & water flow controllers. Hopper has volumetric screw feeder through variable speed motor and feeds over the screws. Corotating screws are powered by Ac motor & high torque Gear box with torque limiting coupling as standard accessory to avoid damage to the screws



Tool steel or Stainless steel 440C
screw segments