



ANCILLARIES & SPARES

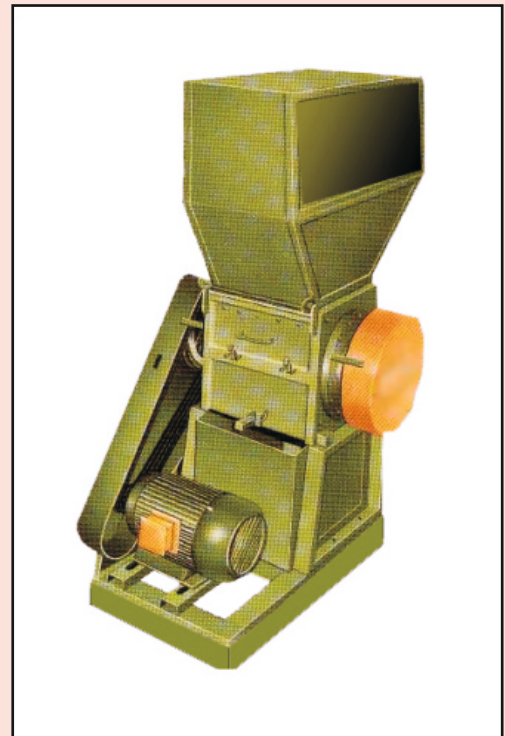
For Plastic Extruders

MALIK'S offer following Ancillaries for Plastic Extruders:

- **Plastic Scrap Grinders from 1 HP to 10 HP.**
- **MIX-O-WELL High speed mixer for PVC Compounding.**
- **Extruder Instrumentation & control panels for temperature, motor speed, pressure measurement and process automation.**
- **Crammer Feeders for feeding light weight materials in Extruder.**
- **Extrusion Dies & Tooling, Static mixers.**



High speed Mixer for PVC Compounding 50/100Kg batch cap Also available in Heater Cooler



Plastic Scrap Grinder 175mm blade, 1 HP motor. Upto 400mm sizes.

SCREWS & BARRELS:

Whether you need to duplicate your existing designs or need our assistance in new designs, we satisfy you fully to solve all your problems!

Our manufacturing range is from 16mm dia. To 150mm dia. In any L/D ratio. Common materials for screws are 4140 steel with Stellite 6 facing, flame hardening or tungsten carbide coating on flight OD. Nitralloy steel duly nitrided also works well for many polymers, while Stainless steel is a choice for food applications and corrosive polymers. Barrels are usually made from D2 steel duly hardened, or from Nitralloy, Hastalloy, Stainless steel, etc.

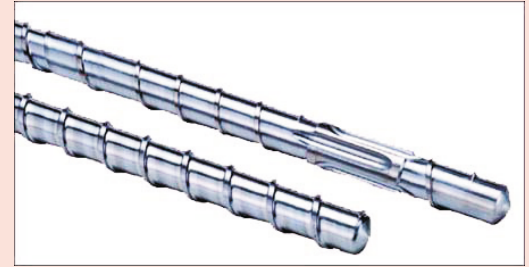
MALIK'S



Screw elements for compounding TSE



Twin Barrel segments for compounding TSE



Single screws in various designs



Barrel for single screw Extruders



Colour blender



Twin screw sets for TSE

STATIC MIXERS:



This device is usually installed between the Barrel and die on Extruder, to improve the polymer homogeneity and provide adequate mixing without inducing any extra shear to the polymer & ingredients.. It serves to control the viscosity of melt & temperature and also promote efficient cooling of melt, e.g in compounding of ingredients which cannot take undue shear, or proper dispersion of blowing agents & viscosity control in foam systems, etc., Eliminating temperature gradients, and ensuring a thermally homogenized material without thermal degradation.

Available in various designs, including single stationery helical blade specially profiled, or several small dia. Tubes through which the melt passes for improving the heat dissipation and cooling.

Manufacturers:

MALIK ENGINEERS

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