

Twin Screws

High performance twin extrusion screws for processing and conveying polymeric materials.

Processes:

- Profile Extrusion
- Reclaim Compounding
- Masterbatch
- Film Extrusion
- Pipe Extrusion
- Sheet Extrusion

Materials:

- ABS
- PA
- PC
- PE
- PP
- PS
- PVC



Benefits:

- Improved productivity, through screw design precisely tuned to the specific process to reach desired results
- Consistent melt quality, through excellent, precisely controlled distributive and dispersive mixing action, leading to enhanced end product quality and consistency
- Increased output at reduced shear rates, requiring less stabilizers
- Greater process flexibility with use of wider range of materials and formulations for broader range of end products
- Reduced down time and extended working life through superior resistance to corrosive, abrasive and adhesive wear

Features:

- Precision engineered twin screws, parallel (co-rotating and counter rotating) and conical (counter rotating), intermeshing and non-intermeshing, with superior chemical and physical properties for full range of process environments (conical twin screws for the lower to medium performance areas, parallel twin screws for medium to high performance areas)
- Custom tailored to your processing requirements with kneading blocks, conveying elements, reverse conveying elements and gear mixing elements etc. to achieve desired mixing characteristics.
- Optimum wear solutions with broadest offering of alloys from general purpose to the most complex applications for all resins

Xaloy LLC
375 Victoria Road
Austintown, OH 44515 USA
+1.330.726.4000 **Phone**

Germany
+49.7132.999.35.0 **Phone**

Thailand
+66.38.717.084 **Phone**

China
+86.21.5785.091.8 **Phone**

www.xaloy.com | info@xaloy.com
© 2021 Xaloy
Printed in USA
3/2021

XALOY
Solutions through Innovation.™