

Twin Screw Extruder Specifications	Extruder Size									
	30mm	42mm	50mm	58mm	70mm	80mm	90mm	100mm	120mm	160mm
Nominal Screw Diameter	30mm	42mm	50mm	58mm	70mm	77mm	92mm	100mm	120mm	160mm
Effective Length / Diameter Ratio	24-48	24-48	24-48	24-48	24-48	24-48	24-48	24-48	24-48	24-48
Maximum Rated Pressure	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI	10,000 PSI
Feed Opening Size	55mm	75mm	80mm	100mm	125mm	140mm	165mm	195mm	240mm	320mm
Barrel Adapter Gate	Dual to single diameter flange or screen changer adaptor or as required	Dual to single diameter flange or screen changer adaptor or as required	Dual to single diameter flange or screen changer adaptor or as required	Dual to single diameter flange or screen changer adaptor or as required	Dual to single diameter flange or screen changer adaptor or as required	Dual to single diameter flange or screen changer adaptor or as required	Dual to single diameter flange or screen changer adaptor or as required	Dual to single diameter flange or screen changer adaptor or as required	Dual to single diameter flange or screen changer adaptor or as required	Dual to single diameter flange or screen changer adaptor or as required
Transmission Type	Maxi Torque AGMA 14 Ground gears, co-rotating	Maxi Torque AGMA 14 Ground gears, co-rotating	Maxi Torque AGMA 14 Ground gears, co-rotating	Maxi Torque AGMA 14 Ground gears, co-rotating	Maxi Torque AGMA 14 Ground gears, co-rotating	Maxi Torque AGMA 14 Ground gears, co-rotating	Maxi Torque AGMA 14 Ground gears, co-rotating	Maxi Torque AGMA 14 Ground gears, co-rotating	Maxi Torque AGMA 14 Ground gears, co-rotating	Maxi Torque AGMA 14 Ground gears, co-rotating
Stock Gear Ratios	3:1-5:1	3:1-5:1	3:1-5:1	3:1-5:1	3:1-5:1	3:1-5:1	3:1-5:1	3:1-5:1	3:1-5:1	3:1-5:1
Screw RPM	350; 1200	350; 1200	350; 1200	350; 1200	350; 1200	350; 1200	350; 1200	350; 1200	350; 900	350; 900
Other Ratios Available Between Extremes Listed Above										
Drive Motor Size	15-50 HP	40-150 HP	50-200 HP	100-400 HP	150-750 HP	200-1000 HP	350-1500 HP	600-2000 HP	1000-2500 HP	As required
Heater Type	Cast aluminum or bronze	Cast aluminum or bronze	Cast aluminum or bronze	Cast aluminum or bronze	Cast aluminum or bronze	Cast aluminum or bronze	Cast aluminum or bronze	Cast aluminum or bronze	Cast aluminum or bronze	Cast aluminum or bronze
Number of Zones	8-16 zones	8-16 zones	8-16 zones	12-24 zones	12-24 zones	12-24 zones	12-24 zones	12-24 zones	12-24 zones	12-24 zones
Heater Wattage	As required	As required	As required	As required	As required	As required	As required	As required	As required	As required
Cooling System	Air or liquid	Air or liquid	Air or liquid	Air or liquid	Air or liquid	Air or liquid	Air or liquid	Air or liquid	Air or liquid	Air or liquid
Control Cabinet	Integral or stand alone	Integral or stand alone	Integral or stand alone	Integral or stand alone	Integral or stand alone	Integral or stand alone	Integral or stand alone	Integral or stand alone	Integral or stand alone	Integral or stand alone
Computer / Microprocessor	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard