



# ENTEK



## 133MM Extruder

Masterbatch compounding; 1250 to 2500 HP;  
300 or 600 RPM

Screws	
Diameter	133mm
Rotation	Co-Rotating
Length	28-48 L/D
Screw Center Distance (mm)	110
Screw Do/Di Ratio	1.55
Flight Depth (mm)	23.6
Free Area, 2-Flight (cm <sup>2</sup> )	101.1
Shafts	24 Tooth Involute Spline
Drive System	
Std. Gearbox Ratios	1.75 / 2.92 / 3.8 / 5.8
Screw Speeds	1000 / 600 / 460 / 300 rpm
Motor @ 1750 rpm	4000 / 2500 / 2000 / 1250 hp
Motor Equivalent in Watts	2.98 / 1.86 / 1.49 / 0.93 MW
Voltage Options	380 / 415 / 460 / 575 Volt
Standard Motor Controller	AC

Barrels		
Form	Square, Flanged	
Length	510 mm	
Cooling	Internal Liquid Cooling	
Open Barrel Heat Zone	18.8 kW Aluminum	24.8 kW Bronze/Cast Iron
Closed Barrel Heat Zone	22.5 kW Aluminum	34.5 kW Bronze/Cast Iron
Controls		
Controller	Ethernet PLC with Color Computer Interface	
Heat/Cool Zones	Up to 16 Standard (additional upon request)	
Size & Utilities		
Installed Cooling Capacity (gearbox and barrel)	Consult ENTEK Engineering for Specific Applications	
Typical Cooling	Consult ENTEK Engineering for Specific Applications	
Est. Power Requirements*	Consult ENTEK Engineering for Specific Applications	
Centerline Height	1345 mm [53 in]	
Length, 48D	11785 mm [464 in]	
Width	2185 mm [86 in]	
Height (top of motor)	2030 mm [80 in]	
Weight (approx.)	31000 kg [70000 lb]	

\* - Standard Machine Configuration: 1 Feed Barrel, 9 Solid Barrels (6 Aluminum, 3 Bronze/Cast Iron), 1 Vent Barrel, Gear Box Lube 40mm and Up, Barrel Cooling Pump, Main Motor Blowers 400 hp and Up

