



# 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	600 / 300 rpm
Motor @ 1750 rpm	2000 / 1000 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
Closed Barrel Heat Zone	22.5 kW Aluminum	34.5 kW Bronze

### 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

