

# ENTEK YOUR EXTRUSION SOLUTION

## QC<sup>3</sup><sup>®</sup> 33mm Co-rotating Twin-Screw Extruder

Quick-change, Quick-clean, Quality Control -  
Perfect for small to medium lot size production



### Screws

Diameter	33mm
Rotation	Co-Rotating
Length	40-52 L/D
Screw Center Distance (mm)	26.9
Screw Do/Di Ratio	1.62
Flight Depth (mm)	6.2
Free Area, 2-Flight (cm <sup>2</sup> )	6.6
Shafts	32 Tooth Involute Spline

### Drive System

Std. Gearbox Ratios	1.25 / 2.5
Screw Speeds	1200 rpm
Motor @ 1750 rpm	200 hp
Motor Equivalent in Watts	75 kW
Voltage Options	380 / 415 / 460 / 575 Volt
Standard Motor Controller	AC

### Barrels

Form	Square, Flanged
Length	135 mm
Cooling	Internal Liquid Cooling
Open Barrel Heat Zone	1.85 kW Bronze
Closed Barrel Heat Zone	2.2 kW Bronze

### Controls

Controller	Ethernet IP PLC with touchscreen HMI Interface
Heat/Cool Zones	Up to 16 Standard (additional upon request)

### Size & Utilities

Installed Cooling Capacity (gearbox and barrel)	12 tons (42 kW)
Typical Cooling	5 tons (10 kW)
Est. Power Requirements*	134A Power, Minimum Breaker 200 Amps
Centerline Height	1042 mm [41 in]
Length, 48D	4217 mm [166 in]
Width	1004 mm [39.5 in]
Height (top of motor)	1385 mm [54.5 in]
Weight (approx.)	3856 kg [8500 lb]

\* - Standard Machine Configuration: 1 Feed Barrel, 8 Solid Barrels, 1 Vent Barrel, Gear Box Lube, Barrel Cooling Pump, 9 Bronze Cast Heater Zones

