



ENTEK



QC³® 33mm Extruder

Quick-change, Quick-clean, Quality Control
- ideal for some lab applications - as well as
small to medium lots

Screws

Diameter	33mm
Rotation	Co-Rotating
Length	40-52 L/D
Screw Center Distance (mm)	58.5
Screw Do/Di Ratio	1.61
Flight Depth (mm)	13.5
Free Area, 2-Flight (cm ²)	31.7
Shafts	36 Tooth Involute Spline

Drive System

Std. Gearbox Ratios	1.52 / 3.06
Screw Speeds	1200 / 600 rpm
Motor @ 1750 rpm	100 / 50 hp
Motor Equivalent in Watts	895 / 447 kW
Voltage Options	415 / 460 / 575 Volt
Standard Motor Controller	AC

Barrels

Form	Square, Flanged
Length	288 mm
Cooling	Internal Liquid Cooling
Open Barrel Heat Zone	7.5 kW Bronze
Closed Barrel Heat Zone	9.5 kW Bronze

Controls

Controller	Ethernet IP PLC with touchscreen HMI Interface
Heat/Cool Zones	Up to 15 Standard (additional upon request)

Size & Utilities

Installed Cooling Capacity (gearbox and barrel)	109 tons (382 kW)
Typical Cooling	26 tons (91kW)
Est. Power Requirements*	1340A @480VAC
Centerline Height	1120 mm [44 in]
Length, 48D	7115 mm [280 in]
Width	1575 mm [62 in]
Height (top of motor)	1524 mm [60 in]
Weight (approx.)	9500 kg [21000 lb]

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

