TECHNICAL SPECIFICATIONS

Model	TE80-33	TE100-33	TE125-33	TE160-33
Barrel Bore Diameter (mm)	80	100	125	160
Total L/D	33:1	33:1	33:1	33:1
L/D of Each Barrel Segment	5:1 or 2.5:1	5:1 or 2.5:1	5:1 or 2.5:1	5:1 or 2.5:1
Barrel Heating	Electric	Electric	Electric	Electric
Barrel Cooling (Closed Loop Unit)	Water	Water	Water	Water
HP (kW)	100 (75)	200 (150)	400 (300)	800 (600)
Motor Type	AC	AC	AC	AC
Screw Speed Range (RPM)	0 - 200	0 - 200	0 - 200	0 - 200
Screw Rotation	Co-Rotating	Co-Rotating	Co-Rotating	Co-Rotating
Screw Design/Shaft	Segmented/Spline	Segmented/Spline	Segmented/Spline	Segmented/Spline
Maximum Screw Back Pressure - PSI (Bar)	2000 (138)	2000 (138)	2000 (138)	2000 (138)
Feeding Device	Volumetric	Volumetric	Volumetric	Volumetric
Vacuum Vent w/ Twin Screw Vent Stuffer	Yes	Yes	Yes	Yes
Vacuum Pump HP (kW)	10 (7.5)	15 (11)	20 (15)	40 (30)
Electrical Requirements	460V/3Ph/60Hz	460V/3Ph/60Hz	460V/3Ph/60Hz	460V/3Ph/60Hz
Mains Electrical Supply (Amps)	300	600	1000	1800
Plant Water Requirements	60 GPM @ 68°F	65 GPM @ 68°F	100 GPM @ 68°F	120 GPM @ 68°F
Discharge Arrangement	Direct Extrusion	Direct Extrusion	Direct Extrusion	Direct Extrusion
Extruder Centerline Height (mm)	1100	1100	1100	1100
Nominal Throughput (Deck Board) lbs/h	up to 1000	up to 2000	up to 4000	up to 8000

Note: Throughput Rates are formulation, process and die design dependent.

CINCINNATI MILACRON
Extrusion Systems

B&P PROCESS EQUIPMENT