

GPAK Grooved Feed Single Screw Extruder Specifications

Specifications/ Extruder Model	GPAK 45-42	GPAK 60-42	GPAK 75-42	GPAK 90-42
Screw Diameter mm (inches)	45 (1.77)	60 (2.36)	75 (2.95)	90 (3.54)
L/D Ratio	42:1	42:1	42:1	42:1
Standard Screw RPM (Max.)	440	350	285	220
Feed Throat	Grooved	Grooved	Grooved	Grooved
Motor Specification	AC	AC	AC	AC
Main Motor Power HP (kW)	200 (149.1)	300 (223.7)	400 (298.2)	600 (447.4)
Barrel Heating/Cooling	Electric Heat/Air Cooling (Cast Aluminium Finned Heaters and Stainless Steel Shrouds with Heavy Duty Blowers)			
No. of Barrel Heat /Cool Zones	5	5	5	6
No. of Die Zones (Including Adapter)	3	5	5	10
Main Power Drop Voltage	460/3/60 or 380/3/50			
Barrel Zone Voltage	460/3/60 or 380/3/50			
Die Zone Voltage	230/1/60 or 230/1/50			
Control	Mosaic microprocessor control system with 15" (381 mm) Color LCD Touch Screen			
Direction of Operation	Right Hand			
Center Line Height inches (mm)	43.3 (1100)	43.3 (1100)	43.3 (1100)	43.3 (1100)
Throughput Rate Max. lbs/hr (kg/hr):				
HDPE	1100 (500)	1760 (800)	2640 (1200)	3740 (1700)
PP	800 (400)	1430 (650)	1980 (900)	2860 (1300)

Throughput rates are average values and are dependent on the grade of raw material used and the part being produced. Throughput rates shown in this chart do not constitute a performance guarantee.

All specifications reflect average values based on typical machine layouts. Actual figures will vary depending on final machine configuration. If you require more specific data consult a certified installation print for your particular machine.

Performance specifications are based on theoretical data. Shipping weights reflect average values. Due to continual improvements, specifications are subject to change without notice.

