

DATA SHEET – NEXION IBM



EXTRUDER	130/30 (38 Ton)	160/45 (60 Ton)	250/60 (75 Ton)
Screw Diameter <i>Inch (mm)</i>	1.41 (36)	1.77 (45)	2.04 (52)
L/D	22:1	22:1	22:1
Plastification Rate <i>Grams/Sec.</i>	25/Sec	40/Sec	58/Sec
Extruder Screw <i>Grams/Sec.</i>	10-245	10-235	10-235

CLAMP	130/30	160/45	250/60
Blow Clamp Tonnage <i>US Tons/KN</i>	4.49 (40)	8.7 (78)	8.9 (80)
Injection Clamp Tonnage <i>US Tons/KN</i>	33.7 (300)	50.5 (450)	67.4 (600)
Clamp Open Stroke <i>Inch (mm)</i>	4.7 (120)	4.7 (120)	4.7 (120)
Maximum Die Set Width <i>Inch (mm)</i>	12.5 (320)	18.1 (460)	26.7 (680)
Mold Stack Height <i>Inch (mm)</i>	7.08 (180)	9.4 (240)	11.0 (280)
Maximum Swing Radius <i>Inch (mm)</i>	14.8 (378)	17.9 (456)	22.4 (570)
Trigger Bar Length <i>Inch (mm)</i>	9.4 (240)	15.9 (406)	25.1 (640)
Machine Center of Pressure <i>Inch (mm)</i>	11.8 (300)	13.7 (350)	16.1 (410)
Dry Cycle Rate <i>Sec.</i>	3	3.2	3.5

UTILITIES			
Total Electrical Load <i>KW</i>	24	35.4	46.5
Average Running Load <i>KW</i>	14	21.2	27.9
Hydraulic Reservoir Capacity <i>Gal (L)</i>	86.4 (327)	108.3 (410)	187.5 (710)
Main Motor <i>HP (KW)</i>	20 (15)	30 (22)	40 (30)
Chilled Water Requirement <i>Gal/Min/Deg F</i>	10/50	20/50	25/50
Tower Water <i>Gal/Min/Deg F</i>	15/75	25/75	30/75
Air Pressure Required <i>PSI/SCFM</i>	130/15	130/18	130/30
Machine Dimensions <i>LxWxH Inches</i>	118.5x53.1x87.4	133.8x55.9x85	157.4x58.6x94.4
Machine weight <i>Tons</i>	3.5	5	7.5