

Technical Data – Pneumatic & Electric

Self Feed Technical Data	
Air Motor Specifications Electric Motor Temperature Range	Standard unit 300w & 11.6 l/s (25 CFM) consumption. 0.25kw (0.33 HP) -10°C to 65°C
Filtration	40 Micron Max
Lubrication	Air Line Lubrication / Gear train grease Note: It is important to ensure that the tool is properly lubricated. We recommend a lubricator as close to each tool as is practical.
Normal Working Pressure	6 bar (85 psi)
Pressure Range	3 – 7 bar (40-100 psi) for air motor 3 – 7 bar (40-100 psi) for cylinder
Cylinder Air Consumption	0.47 l/s (1 CFM) per 25 strokes
Noise Level	70 dB(A) for electric unit 83 dB(A) for pneumatic unit
Thrust at 6 bar (85 psi)	63.5 kg (140 lbs)
Feed Rate	305mm/sec (12 in/sec) max advance 305mm/sec (12 in/sec) max retract
Stroke Range	8 - 75 mm ($\frac{5}{16}$ " - 3")
Air Connection	1/4 ports on all, except dwell control circuit is 1/8. Head is tapped with BSP threads (Rp). Common line to air motor and cylinder – minimum of 9.5mm I.D. tube. Individual line to air motor – minimum of 8.0mm I.D. tube. Individual line to cylinder – minimum of 8.0mm I.D. tube.