

Medical, aviation, and metalworking industries increase productivity dropping the 825CX into Automatic Lathes. These sliding headstock lathes operate 7 days a week under enormous cost and time pressure. Economic production success depends on the speed and reliability of motor drive but the outdated motor technology has restricted productivity and resulted in high costs.

**The 825CX series operates 24/7 at 60,000/80,000 rpm accelerating your production rate.** This powerful patented spindle has a governor which maintains your rated speed in the cut. Air Turbine Live Tools® are low friction direct drives with only 2 moving parts resulting in no heat and great reliability at high speed. Just connect 90 PSI, 6.2 Bar dry clean air supply, and mill on your Automatic.

Dimensions

A	Ø 0.47" (12.0 mm)	C	3.085" (78.36 mm)	E	Ø 0.98" (25mm)
B	0.72" (18.29 mm)	D	2.895" (73.533mm)		

825CX Series

ER11 - 1/8"		ER11 - 3mm	
Speed RPM	Part #	Speed RPM	Part #
60,000	80012	60,000	80016
80,000	80013	80,000	80017

Accessories

Model	Part #
Low Flow Filter / Regulator	30001
Tube 6mm O.D. - 4mm I.D. (order by foot)	16520
Hose & Fitting - 6mm O.D. - 4mm I.D. - 12'	30041

Included Equipment

- Air Turbine Live Tool®
- Low Flow Filter / Regulator (p/n #30001)
- Collet
- Wrenches
- Hose
- Fittings
- Carrying Case

General Specifications	825CX	
Speed RPM	60,000	80,000
Power Rating hp (kW)	0.15 (0.11)	
Inlet Air Pressure	90 psi (6.2 bar)	
Air Consumption Idle cfm (l/s)	3.5	
Air Consumption Working Flow cfm (l/s)	5	
Sound Level	Less Than 78 dBA	
Max Shank Capacity	ER8 - 1/8" (3mm)	
Live Tool Weight	5.6 oz (0.158 kg)	

Standard Equipment
ER 8 UP collet system (1/8" or 3mm collet standard other sizes optional).
Oil-free 90 psi / 6.2 bar clean, dry air supply required.