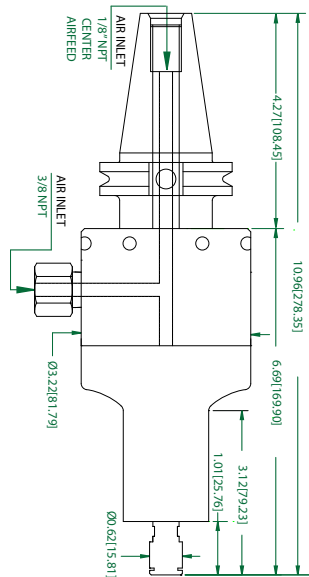


Integration of the popular CAT40 toolholder into the 650 spindle housing delivers constant high speed with ultra low vibration and improves accuracy and rigidity. Rigid steel construction in one piece with the toolholder also cuts the height of the unit. With Air Turbine Spindles™ patented double turbine's extra power the 1.4HP / 1.04 KW motor maintaining stable high speed and torque under load. The 650XCAT40 accelerates feed rates and cuts cycle times as a result of its low friction power unit with few moving parts. Rated governed speeds available are 25,000, 30,000 and 40,000 rpm. Super precision at 0.0002" / 0.00508mm. with H6 Shank Tolerance. Plenty of power to speed up your inches cut per minute. High cutting speeds are maintained at the periphery of your end mill or burr using the the 650's unique governed performance to achieve a faster cycle time, a cleaner finished surface and more production on your CNC.

Model 650XCAT40

1.4 hp
1.04 kW



1/4"		6mm	
Speed	Part #	Speed	Part #
25,000 rpm	64080	25,000 rpm	64081
30,000 rpm	64082	30,000 rpm	64083
40,000 rpm	64084	40,000 rpm	64085

Weight: 118.4oz / 3.34kg

Standard Equipment: Spindle, combo filter extractor, collet, wrenches, plug (for alternate air inlet not in use) and carrying case.

ER11 collet system standard (1/4" or 6mm collet standard - other sizes optional). Oil free 90PSI / 6.2BAR, clean, dry air supply.

General Specifications	650XCAT40 <small>MADE IN THE USA</small>		
	Speed RPM	25,000	30,000
Power Rating HP (KW)	1.2 (.90)	1.3 (.98)	1.4 (1.04)
Inlet Air Pressure	90 PSI (6.2 Bar)		
Air Consumption-Idle cfm (L/s)	16 (7.56)	17 (8.02)	18 (8.49)
Air Consumption-Working cfm (L/s)	19 (8.97) - 30 (14.16)		
TIR Collet Held Shank	Less Than 0.0002" (0.005mm)		
Sound Level	Less than 67 dBa		
Standard Shank Capacity	1/4" (6mm)		

Accessories
High Flow Filter/Regulator/Extractor **Part# 30008**

Hose & Fitting Assemblies
Tube 12mm O.D. - 8mm I.D. **Part# 16509**
(order by the foot)
Hose & Fitting - 6' **30044**
Hose & Fitting - 12' **30045**

TMA Autochanger
Haas **Part# 36220**
Fadal **36223**
Hurco **36272**
Hurco 40 Taper 66MM **36275**
Hurco 50 Taper 64MM **36294**
Universal **36229**