## **625XDT - Drill-Tap Spindle Series**



Just fit the new, patented, double turbine 625XDT Series spindles to your Drill-Tap machine magazine for automatic tool changing and increase production.

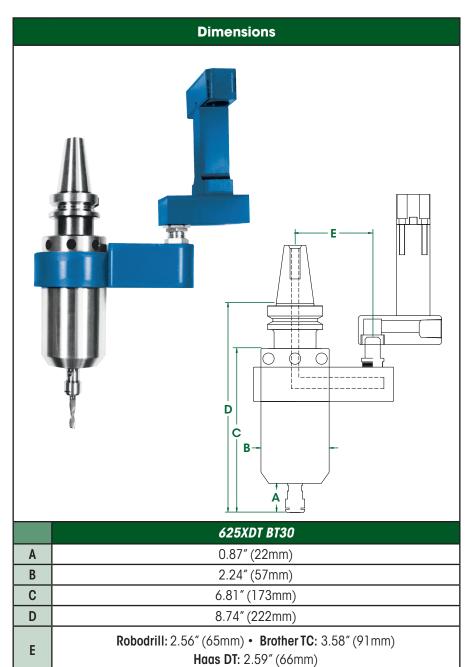
Air Turbine Spindles® Air Supply Adaptor manifold block connects to the machine spindle housing, via the automatic tool change, to supply air at 90 psi (6.2 bar) to the powerful, direct drive turbine motor.

Increase milling and drilling feed rates resulting in higher productivity with no duty cycle for true 24/7 unattended production – 30,000, 40,000 or 50,000 rpm up to 0.78 hp (0.58 kW).

For automatic loading from the Drill-Tap magazine, install the spindle mounted manifold block and align the nozzle to block connector, which supplies the spindle air to a clean, dry 90 psi (6.2 bar) air supply.

**For manual loading** installation of the spindle the side NPT adaptor simply connects to a 8mm ID.

See Next Page for Part Numbers.



General Specifications	625XDT	
Speed RPM	30,000 / 40,000 / 50,000	
Power Rating hp (kW) 0.72 (0.54) / 0.74 (0.55) / 0.76 (0.54)		
Inlet Air Pressure	90 PSI (6,2 Bar)	
Air Consumption Idle cfm (I/s)         19 (8.97) / 20 (9.44) / 20 (9.44)		
Air Consumption Working Flow cfm (I/s)	22 (10.38) - 30 (14.16)	
Sound Level	vel Less Than 78 dBA	
Max Shank Capacity	ER11 - 1/4" (6mm)	
Spindle Weight	96 oz (2.72 kg)	

## Standard Equipment

Spindle, combo filter extractor (p/n #30008), collet, wrenches, hose and fittings, plug (for alternate air inlet not in use) and carrying case. ER 11 collet system (1/4" or 6mm collet standard - other sizes optional).

Oil free 90 psi / 6.2 bar, clean, dry air supply required.



Drill-Tap - 625XDT Series				
Governed Speed	30,000	40,000	50,000	
Model	P/N	P/N	P/N	
625XDTBT30 RoboDrill 1/4"	64630	64632	64634	
625XDTBT30 RoboDrill 6mm	64631	64633	64635	
625XDTBT30 Brother TC 1/4"	64636	64638	64640	
625XDTBT30 Brother TC 6mm	64637	64639	64641	
625XDTBT30 Haas DT-1 * * 1/4"	64642	64644	64646	
625XDTBT30 Haas DT-1 * * 6mm	64643	64645	64647	
Spindle Only				
625XBT30 1/4"	64214	64216	64380	
625XBT30 6mm	64215	64217	64381	

TMA (Block + Collar)			
625XDT - RoboDrill	36302		
625XDT - Brother TC	36303		
625DT - Haas DT-1 * *	36305		
Block Assembly Only			
625XDT - RoboDrill	36314		
625XDT - Brother TC	36315		
625DT - Haas DT-1 * *	36316		
Collar Assembly Only			
625XDT - RoboDrill	36318		
625XDT - Brother TC	36320		
625DT - Haas DT-1 * *	36324		

<sup>\*\*</sup>Single Turbine 625 Version is used in the Haas DT and certain other machine types.

Mounting Blocks for other CNC Machines available.

View Set Up Information and User Notes online at www.airturbinetools.com