

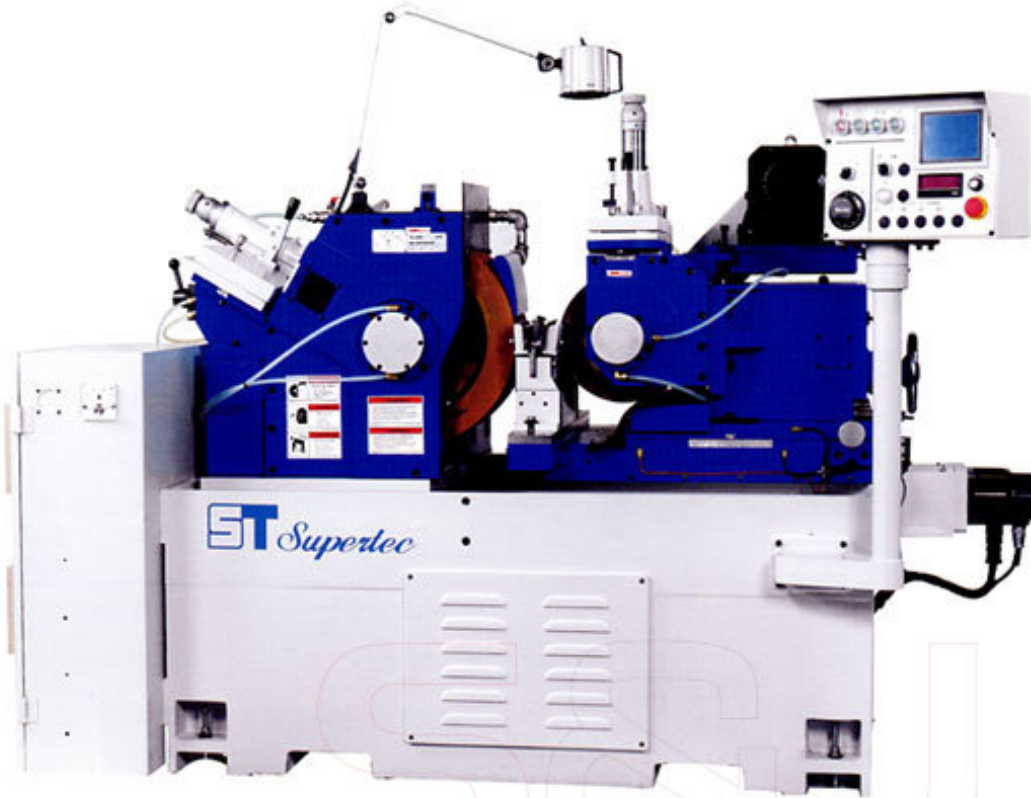
THE FINEST SOLUTION

PS&J  
Supertec

**Precision  
Grinding Machine**



# CENTERLESS GRINDER



**STC-1808NC**



**STC-2010CNC**

Unit:mm (inch)

DESCRIPTION / MODEL		STC-12S/NC	STC-18S/NC/CNC	STC-20S/NC/CNC	STC-24S/NC/CNC
General capacity	Work diameter (with standard workrest)	Ø1 ~ 50 (0.04" ~ 1.18")	Ø1 ~ 60 (0.04" ~ 2.3")	Ø1 ~ 60 (0.04" ~ 2.3")	Ø1 ~ 80 (0.04" ~ 3.15")
	Work diameter (with special workrest)	Ø30 ~ 50 (1.18" ~ 2")	Ø60 ~ 100 (2.3" ~ 4")	Ø60 ~ 120 (3.15" ~ 2.3")	Ø80 ~ 150 (3.15" ~ 6")
	Auto infeed increment (NC model)	0.001 ~ 9.99			
Grinding wheel	Spindle speeds	1900 rpm	1520 rpm	1350 rpm	1050 rpm
	Dressing increment	Per graduation Per revolution	0.02 (0.0005") 2 (0.05")	0.01 (0.0005") 2 (0.0625")	
Regulating wheel	Spindle speeds (infinitely variable)	15 ~ 310 rpm	15 ~ 308 rpm		10 ~ 250 rpm
	Handwheel	Per graduation Per revolution	0.04 (0.002") 4 (0.2")	0.05 (0.002") 3.5 (0.2")	
		Swivelling angle	±5°		
	Inclining angle	+5° ~ -3°			
	Dressing increment	Per graduation Per revolution	0.02 (0.0005") 2 (0.05")	0.01 (0.0005") 2 (0.00625")	
		Rapid feeding of saddle handwheel	Per graduation Per revolution	0.02 (0.00125") 7 (0.25")	0.05 (0.002") 9 (0.25")
	Micro feeding of saddle handwheel		Per graduation Per revolution	0.001 (0.00005") 0.2 (0.005")	0.001 (0.00005") 0.2 (0.00625")
		Motor	Grinding wheel motor	7.5 HP / 10 HP	15 HP / 20 HP
Hydraulic motor	2 HP				
Infeed servo motor (NC model)	1 KW		1.5 KW		3 KW
Machine	Net Weight	1800 kgs (3960 lbs)	3000 kgs (6600 lbs)	3400 kgs (7480 lbs)	5800 kgs (12760 lbs)
	Gross Weight	2200 kgs (4840 lbs)	3500 kgs (7700 lbs)	3700 kgs (8140 lbs)	7100 kgs (15620 lbs)
	Packing dimension (L x W x H)	2250 x 1670 x 1850 (89" x 66" x 73")	2730 x 2240 x 2060 (107" x 88" x 81")	2730 x 2250 x 2060 (107" x 89" x 81")	3070 x 2250 x 2160 (121" x 89" x 85")

MODEL	STC-1206	STC-1808	STC-1810	STC-1812	STC-2008	STC-2010	STC-2012	STC-2408	STC-2410	STC-2412
Grinding Wheel (dia. x width x bore)	305 x 150 x 120 (12' x 6' x 5')	455 x 205 x 228.6 (18' x 8' x 9')	455 x 255 x 228.6 (18' x 10' x 9')	455 x 305 x 228.6 (18' x 12' x 9')	508 x 205 x 255 (20' x 8' x 10')	508 x 255 x 255 (20' x 10' x 10')	508 x 305 x 255 (20' x 12' x 10')	610 x 205 x 305 (24' x 8' x 12')	610 x 255 x 305 (24' x 10' x 12')	610 x 305 x 305 (24' x 12' x 12')
Regulating wheel (dia. x width x bore)	205 x 150 x 90 (8' x 6' x 3.5')	255 x 205 x 111.2 (10' x 8' x 4-3/8')	255 x 255 x 111.2 (10' x 10' x 4-3/8')	255 x 305 x 111.2 (10' x 12' x 4-3/8')	305 x 205 x 127 (12' x 8' x 5')	305 x 255 x 127 (12' x 10' x 5')	305 x 305 x 127 (12' x 12' x 5')	305 x 205 x 152.4 (12' x 8' x 5')	355 x 255 x 152.4 (12' x 10' x 5')	355 x 305 x 152.4 (12' x 12' x 5')



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