



CYLINDRICAL GRINDER

CNC TRAVERSE WHEELHEAD SERIES WITH FANUC Oi-TC CONTROL



SPECIFICATIONS

Unit:mm (inch)

DESCRIPTION / MODEL		G38TH-50CNC	G38TH-100CNC	G38TH-200CNC	G38TH-300CNC	G38TH-400CNC
General capacity	Max. grinding diameter	300 (12")				
	Max. grinding length	500 (20")	1000 (40")	2000 (80")	3000 (120")	4000 (160")
	Swing over table	380 (15")				
	Max. load held between centers	192 kgs (422 lbs)		650 kgs (1430 lbs)		
Grinding wheel	Diameter x width x bore	Ø510 x 50 x Ø152.4 (20" x 2" x 6")				
	Wheel speed	1250 rpm				
	Max. peripheral speed	33 M / sec				
Wheelhead	X axis	Sliding angle		90°		
		Automatic rapid traverse		6 M		
		Min. increment infeed		0.0001 (0.00004")		
	Z axis	Infeed travel		225 (8.9")		
		Rapid feedrate		0 - 150		
		Min. increment feed		0.0001 (0.00004")		
Workhead	Spindle speed		50 ~ 350 rpm			
	Center taper		MT 4		MT 6	
Tailstock	Quill travel		25 (1")		50 (2")	
	Center taper		MT 4		MT 5	
Motor	Wheel spindle motor		5.5 KW (opt. 7.5 KW)			
	Workhead spindle motor		1.2 KW			
	Hydraulic pump		0.75 KW			
	Coolant pump		0.18 KW			
	Wheel motor (Xaxis)		1.2 KW			
	Wheel motor (Zaxis)		1.2 KW		1.8 KW	
Machine	Packing dimension (L x W x H)	3930 x 2250 x 2450 (155" x 89" x 96")	5280 x 2280 x 2250 (208" x 90" x 89")	6360 x 2280 x 2250 (250" x 90" x 89")	6640 x 2280 x 2250 (261" x 90" x 89")	6980 x 2280 x 2360 (275" x 90" x 93")

G38TH-300CNC