

## **GCG122H - 78 Specifications and Feature**

### **WORKING CAPACITY**

	<b>METRIC</b>	<b>INCH</b>
Max. distance between centers	300 – 2500	11.81 – 98.4
Max. grinding length with main grinding wheel	2050	80.70
Height of centers over table	350	13.77
Swing over table	695	27.36
Height of centers over slot	1550	61.02
Swing over slot	3100	122.04
Max. weight admitted	1200	2,647 lbs
Max. weight at 150 mm. from spindle nose	150	330 lbs

### **WHEELHEAD LONGITUDINAL MOVEMENT**

Max. automatic traverse	2100	82.67
Min. automatic traverse	10	.393
Translation speed	0 - 4000	0 – 157 ipm
Hand traverse, handwheel per step.	0,1 – 0,01	.0039 - .00039

### **WHEELHEAD TRAVERSAL MOVEMENT**

Working movement	500	19.68
Hand traverse, handwheel per step.	0,01 - 0,001	.00039 - .000039

### **WORKHEAD**

Rotation speed	0 – 200	0 – 200
Spindle hole diameter	44	1.732
Internal center taper	6	MT # 6
External center taper for chuck	A1-8	A1 - 8

### **TAILSTOCK**

Spindle stroke	80	3.14
Spindle diameter	120	4.72
Internal center taper	6	MT # 6

### **WHEELHEAD**

Wheel inclination B-Axis	30	30
Wheel rotation speed	10 - 60	1968 – 11,811 fpm
Wheel dimensions	915 x 305	<del>3602</del> x 12.007
Min.-Max. width of wheel	50 - 100	1.96 – 3.93

### **MOTORS**

Wheelhead	15	20 hp
Workhead	7,5	10 hp
Coolant pump	1,1	1.5 hp
Internal grinding	4	5.3 hp

### **DIMENSIONS AND WEIGHTS**

Workspace required	7000 x 4250 x	276 x 168 x
Net Weight	<del>36500</del>	35,296 lbs