

Machine Name : Tool grinders

Brand : Anca

Machine Model : GX7

Stock No. : 489809

Ex-factory Date : 2014



Main Technical Parameters:

Rotary Worktable (C-axis) Rotation Range: $\pm 307^\circ$

Three-axis Travel:

X-axis (Longitudinal Travel): 439 mm

Y-axis (Vertical Travel): 464 mm

Z-axis (Transverse Travel): 274 mm

Workpiece Diameter: 240 mm

Maximum Workpiece Length: 370 mm

Maximum Grinding Wheel Diameter: 200 mm

Maximum Power: 9 kW

Grinding Spindle Speed: 0-8500 rpm





Z-axis	0.001 mm (0.000039")
C-axis	0.001 deg
A-axis	0.001 deg

Software axes (patented)

B, V, U, W

Work piece

Maximum tool diam. Ø220 mm (8.66")

Maximum tool weight 20 kg (44 lbs)

Drive system

ANCA Digital (SERCOS standard) / Linear axes direct-drive ballscrew / Rotary axes direct drive

Machine data

Grinding spindle	Bi-directional direct drive 4.2 kW/5.6 HP (constant power-S1) 9.5 kW/12.7 HP (peak power) 10,000 RPM
Spindle taper	HSK40F or ISO 30
Grinding wheel	Max. Ø203 mm (8")
Wheel bore	Ø31.75 mm (1¼"), Ø32 mm (1.3"), Ø30 mm (0.8")