

CNC Drilling machine alpha 01-51

KLG, Alpha 51 / Typ Alpha 01, # 6695/26895, startup 12/1995

- Granite plate on steel support, electrical and pneumatic components built in Precision air bearings on all axes (X,Y,Z).
- CNC controller Mania X30, 16 MB main memory, 400 MB hard disk, floppy drives 5,25" and 3,5" compatible to all common formats (Excellon, Sieb&Meyer, Wessel, etc.)
- 9" b/w Monitor, keyboard, floppy drives on a lateral console.
- Linear measuring systems in X- and Y-axis, resolver in Z-axis
- Brushless AC-motors and lead screws in all axes (max. 25m/min)
- Ringless tool change for up to 318 different tools, max. diam. 6,3 mm
- Laser station to check tool length, diameter and run out
- Tool cleaning station
- High frequency spindle Precise SC 53 H (20.000 – 80.000 rpm)
- Spindle cooling system integrated in the machine
- Machine table with pneumatic clamping system (prism and bar) and lateral clamps
- Working area:

with loader	X 508mm x Y 610mm
without loader:	X 512mm x Y 625mm
- Fully automatic loading and unloading system for up to 20 different panels
 panel size: min. 200 x 300 mm and max. 508 x 610mm
- Machine dimensions:

L: 1630mm with loader 2675mm
W: 1440mm
H: 1550mm
- Machine weight 1500kg, loader 500kg
- Electrical connection: 400 volts, 50Hz, 3,0 kVa
- Pneumatic connection: min. 6 bars, 250 l/min – 350 l/min