

CNC Milling

Sieg CNC Mill



DIRECTLY CONTROLLED
TS
DESIGN
CONTROL

The Sieg CNC Miller is **DIRECTLY CONTROLLED** by TechSoft Design V3 with CNC Mill Extension

Affordable CNC Metal-Milling Capability

Ideal for Engineering Training

These two machines offer the capacity to machine free-cutting steel and non-ferrous alloys with great accuracy from files generated in TechSoft 2D Design V2. These are entry level machines but both feature sufficient spindle and axis power for impressive performance. The machines are supplied with a coolant system, tooling and an Training Pack to enable you to get started straight away.

Easy Set-up and Control

Our Sieg CNC Milling packages are supplied with a software extension for 2D Design V2 that allows designs to be created and fully set-up for output using the familiar TechSoft dialog boxes. The output file created contains all the geometry, feed and speed information required so is ready to output directly via the machine's own Sieg CNC Milling control software. As a minimum, this software is used to set machine datums and to 'Dry Run' (or simulate) the output. Engineering students can take advantage of the many additional features such as full G&M code part program listing, creation and editing facilities. A robust, interlocked case ensures safety at all times.

Set your 2D Design V2 page to match the Sieg machine.

Create your drawing and use 'Contour' to set colour-coded toolpaths.

Click 'CNC Output' and select 'Tools'

Assign machining parameters for the different colour toolpaths.

Open in Sieg Software, set machine datums, see G-code listing.

Simulate the output for confidence before cutting.

Specifications

Machine:	KX1S	KX3S
Axis Travel:	260 x 110 x 180mm	295 x 150 x 275mm
Table Size:	400 x 145mm	470 x 160mm
Spindle Speed:	100-7000rpm (variable)	100-3500rpm (variable)
Motor:	0.5kW (0.7hp)	1kW (1.4hp)
Interface:	Ethernet (direct connection)	Ethernet (direct connection)
Weight:	178kg	510kg
Dimensions (mm):	1040(W) x 860(D) x 940(H)	1280(W) x 895(D) x 1845(H)
Power Requirements:	240V 0.7kW, 13A Socket	240V 1kW, 13A Socket
Other Requirements:	Computer with Ethernet	Computer with Ethernet

What's Included

Software

Sieg CNC Milling software
 CNC Mill Extension for 2D Design V2.
 N.B. 2D Design V2, see page 12, is not included but is required to run this Extension

Free Education Training Pack

Containing a Machine Guide/Tutorial booklet, a CD with project samples and four blocks of modelling board to carry out the tutorial exercises.

Accessories

Coolant System
 Tooling Pack (Includes Swivel Base Machine Vice; Collet Set with 6 collets, set of 10 End Mills and 10 Slot Drills, Keyless Drill Chuck and Arbor)

Warranty

UK Mainland: 1 Year On-Site
 Elsewhere: 1 Year Return and Collect

Prices £*

*See Pricing Information on page 2

MP-CM-51TS	Sieg CNC Mill KX1S Package Includes machine, software extension for 2D Design V2, coolant system and comprehensive tooling pack	
MP-CM-53TS	Sieg CNC Mill KX3S Package Includes machine with integral stand, software extension for 2D Design V2, coolant system and comprehensive tooling pack	

Recommended Extras

See details of our full range of tools and accessories on page 85

MT-CM-HC51	Hand Control Wheel	
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Recommended Software

TechSoft Design V3 (page 12)