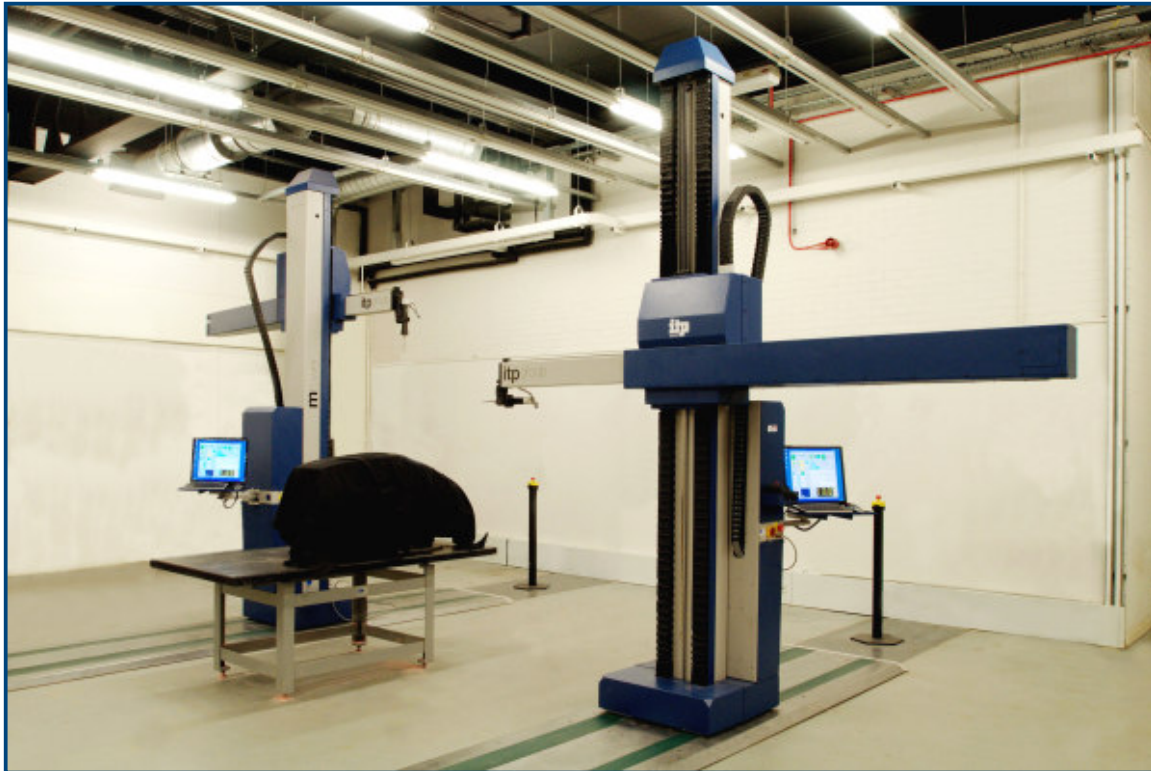


# m tower CNC Milling System

Track Mounted Styling Studio System for CNC Milling, Digitising, Reverse Digitising and Inspection



## Technical Specification

Machine Type	M Tower	Resolution	0.005mm
Typical Measuring Range	6000mm x 3000mm x 2500mm	Bearings	recirculating ball
Construction	fabricated steel	Scaling System	magnetic
Drive	motorised CNC servo	Milling System	450watt 0-10,000rpm + indexable
Counter Balance	mechanical adjustable	Motorised Speed	300mm/s
Accuracy (Typical)	30µm + L/100	Acceleration	400mm/s <sup>2</sup>
Services	electrical 240v single phase	Probing System	Renishaw

Table	tables or captive track suitable for flush or top mounting	PC Workstation	intel dual core 1GB RAM 19" monitor Windows XP Pro
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Recommended Software	Sescoi - WorkNC (Cutter Path Generation) ITP - DevaMC Milling Control Software ITP - Axel Geometric / CAD / Tube Inspection Software		
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[www.itpgroup.co.uk](http://www.itpgroup.co.uk)

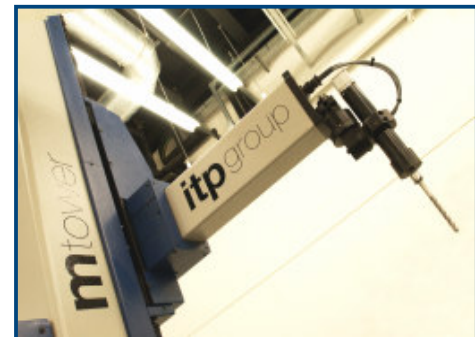
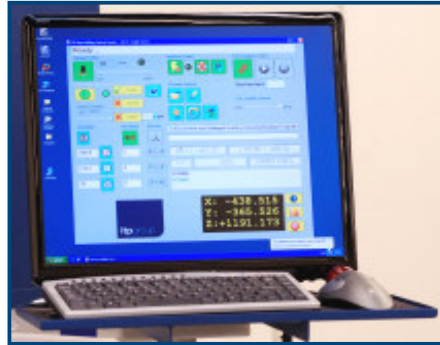
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# mtower CNC System

The complete Studio Styling System  
**Milling – Digitising – Build - Inspection**



## Application Range

Milling	Materials - Clay – Foam – UREAL Spindle Speed - 0 to 10,000rpm Cutting Speed - 300mm/s Tools - XYZ datum / XYZ axis swap / XYZ offset / feed control Utilities - mirror program / drill program / skim program CAD/CAM - Sescoi WorkNC / Delcam / Tebis / AlphaCAM / +..... CAD - IGES / CATIA / STEP / + .....
Digitising	Type - Single Point - touch probe Output - IGES / Text Tools - XYZ datum / XYZ axis swap / XYZ scaling graphical view & delete
Reverse Digitising	Type - Single Point - poker Input - IGES / Text Tools - XYZ datum / XYZ axis swap / XYZ scaling / XYZ zerodown graphical view & point selection
Build	Type - XYZ measurement Tools - XYZ datum / XYZ axis swap / XYZ scaling
Inspection	Type - Geometric / CAD / Tube / CNC / Manual Inspection Input - IGES / CATIA / STEP / + ..... Output - Text / Graphical / CAD / PDF / Excel / HTML / SPC