



SAFRAN

Robotics & CNC Automation Technologies

MoonCAM 8040-25 TYPE 5 AXIS CNC MILLING MACHINERY TECHNICAL SPECIFICATIONS

Net working area	: 8000*4000*2500 mm (length*width*high)
Rapid speed of axis	: 60 m/min. X-Y axis 30 m/min Z axis
Mechanical Transmission	: 40mm rack and pinion , 45mm liner guideway on the x-y axis : 32*32 ball screw on the Z axis
Working Table	: The plate will be prepare by the customer.
Servo Motor System	: 16 Nm nominal torque Siemens Servo Motor
Machinery body	: Welded stell and preheated stress has been done
Control system	: Siemens Sinumeric 840D 5 Axis control system. : Sinumeric PCU50 system available.
CAD-CAM Software	: Provided by the customer. All our machinery works PowerMILL : UG NX, Catia , AUTON
Spindle	: 15 kw 24 000 rpm hsd spindle motors y the liquid cooled with : HSK63F tool holder. ATC Console on the fixed point as 8 pcs.
C-A Tilt head	: C axis +/- 262 degree ; A axis +/- 118 degree : precision +/- 6 arcsec, repeatability +/- 1 arcmin on the C axis, : +/- 2 arcmin on the A axis
Accuarcy	: On the working part at the total length of machinery +/- 0,2 mm : Positioning accuarcy on the all axis +/- 0,030 mm
Lubrication	: There is one central lubrication system is equipped with an : automatic lubrication an electrical pump.
Safety	: Safety protections accordiring to EC standards on machinery. : Machinery directory : Direction of low tension : Direction of electromagnetic compatibility
Supply Voltage	: 380 V AC +/- 5 % Standard : 50/60 hz : 3PH + N + PE
Electrical Cabinet	: IP 55 degree of the protection : Equipped with an air-conditioning unit.
Souece of the materials	: Control system Siemens – GERMANY : Lineer guideways - THK Japan : Planet Reducer - Alpha Germany : Spindle motor - HSD Italy : 5 axis head – HSD Italy : Servo motors – Siemens Germany

SAFRAN ROBOTİK SİSTEMLER CNC MAKİNE BİLGİSAYAR SANAYİİ ANONİM
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HSD 5 AXIS HEAD



TOOL CHANGER



RACK AND PINION



ON THE BRIDGE INSTALLED COOLING UNIT



VERY STRONG COLUMNS



PLATFORM MADE BY CUSTOMER

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CONTROL SYSTEM



HAND HELD UNIT



TEST INSTALLATION

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INSTALLED IN UAE

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SINGLE SIDE 5 AXIS



HEAVY AND USEFULL BRIDGE



AT CUSTOMER SIDE IN UAE



AT THE CUSTOMER SIDE IN ISTANBUL

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