

## **MAKINO V56-5XB + 3R System Workmaster robot cell**

### **Technical specifications**

X: 900 mm

Y: 550 mm

Z: 450 mm

A-axis swivel range: -20° / +110°

C-axis rotation range: 360°

Weight on A-C axis: 30 kg

Table size / pallet size: 358 x 358 mm

Spindle: 30000 rpm

Power: 13kW/Cont.

Spindle torque: 16,9Nm/Cont.

Tool Changer, ATC: 60 positions

Cone Tool holders: HSK-F63

Max weight on the table: 800 kg

Machine weight: 10300 kg

CNC Control: Fanuc 310i – PRO5

### **Including the following options:**

ATC-60 HSK-F63

Touch probe L-Tools Marposs

Work piece probe Renishaw MP60

Mist extraction devise

Co<sup>2</sup> Fire protection installation

Cooler coolant

Liquid column machine

Scales X,Y,Z

Air dryer system

Chip conveyor

Prepared for 3R System automation - interface – Automatic door

3R System work master robot

3R System Magnum, A-C axe

3R System Delphin 358 x 358mm

Tool holders MST

CE – Certificate