

## AMS MCH-500

**Kind :** Horizontal machining center  
**Brand :** AMS  
**Model :** MCH-500  
**Year :** 2013  
**Serial Nr:** M04-013  
**Stock Nr :** 10123



### TECHNICAL DETAILS

- Number of axes	: 4
<b>MILLING SPINDLE</b>	
- Tool holder type	: HSK63
- Spindle power	: 22 / 26 [kW]
- Spindle speeds	: 100 - 10.000 [rpm]
<b>LINEAR AXES</b>	
- Travels on X/Y/Z axes	: 800 x 600 x 800 [mm]
- Rapid traverses rates (X/Y/Z)	: 40 [m/min]
<b>B ROTARY AXIS</b>	
- Travel	: 360 [°]
- Indexing precision	: 0,001 [°]
- Rapid traverse rate	: 13,88 [rpm]
<b>TOOL CHANGER</b>	
- Auto. Tool Changer type	: arm type
- Tool magazine capacity	: 60
- Tool exchange time	: 2,2 [sec]
<b>PALLET CHANGER</b>	
- Pallet changing device type	: Rotopallet
- Pallet size	: 630 x 500 [mm]
- Pallets number	: 2
- Maximum weight upon pallet	: 900 [kg]
- Distance table / spindle axis (min./max.)	: 43 - 643 [mm]
- Distance table center / spindle nose (min./max.)	: 145 - 945 [mm]
- Maximum workpiece diameter	: 740 [mm]

**Kind : Horizontal machining center**

**Brand : AMS**

**Model : MCH-500**

**Year : 2013**

**Serial Nr: M04-013**

**Stock Nr : 10123**

- Maximum workpiece height : 550 [mm]  
POWER SUPPLY  
- Supply voltage : 400 [V]  
- Total installed power : 56 [kVA]  
WEIGHT & DIMENSIONS  
- Machine floor space : 5.244 x 3.305 [mm]  
- Machine height : 3.345 [mm]  
- Machine weight : 10.000 [kg]  
MACHINE HOURS  
- Number of working hours : 9.095 [h]

#### **EQUIPMENT**

- CNC : Fanuc 0i-MD  
- Interface : Ethernet / RS232 / USB / PCMCIA  
- Interactive programming : Manual guide  
- Electronic handwheel  
- Linear scales : X x Y x Z  
- Rigid tapping  
- 3 colors status lamp  
- Coolant tank : 700 [l]  
\* with oil separator  
\* with high-pressure pump : 40 [bars]  
\* Coolant through spindle  
\* with paper filtering unit : 600 [mm]  
\* with washing gun  
\* with cabin washing  
- Parts hydraulic clamping : prepared  
- Hydraulic counter balance : upon Y axis  
- Chips conveyor  
- Spindle cooling unit  
- Tool-holders : 35