

## MIYANO ABX-51THY

**Kind : CNC lathe**  
**Manufacturer : MIYANO**  
**Model : ABX-51THY**  
**Year : 2009**  
**Serial : CE510005**  
**Stock : 10542**



### TECHNICAL DETAILS

- Number of spindles	: 2
- Number of axes	: 12
- Number of turrets	: 3
MAIN SPINDLE	
- Spindle power	: 15 [kW]
- Spindle speeds	: 50 - 5000 [rpm]
- Max. bar diameter	: 51 [mm]
- Max. machining length	: 125 [mm]
- Max. chuck diameter	: 165 [mm]
- C axis indexing precision	: 0,001 [°]
COUNTER-SPINDLE	
- Spindle power	: 7,5 [kW]
- Spindle speeds	: 50 - 5000 [rpm]
- Max. bar diameter	: 51 [mm]
- Max. machining length	: 125
- Max. turning diameter	: 165 [mm]
- C axis indexing precision	: 0,001 [°]
UPPER LEFT TURRET	
- Number of positions	: 12
- Number of motorized positions	: 12
- X/Z stroke	: 190 x 270 [mm]
- Y stroke	: +/- 40 [mm]
- Live tools speed	: 6000 [rpm]
- Live tools power	: 4.5 [kW]
UPPER RIGHT TURRET	

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- Number of positions : 12  
- Number of motorized positions : 12  
- X/Z stroke : 190 x 270 [mm]  
- Y stroke : +/- 40 [mm]  
- Live tools speed : 6000 [rpm]  
- Live tools power : 4.5 [kW]

**LOWER LEFT TURRET**

- Number of positions : 12  
- Number of motorized positions : 12  
- X/Z stroke : 190 x 550 [mm]  
- Live tools speed : 6000 [rpm]  
- Live tools power : 4.5 [kW]

**POWER SUPPLY**

- Supply voltage : 220 [V]  
- Total installed power : 64 [kVA]

**WEIGHT & DIMENSIONS**

- Machine floor space : 3.290 x 2.204 [mm]  
- Machine height : 2.222 [mm]  
- Machine weight : 11.100 [kg]

**MACHINE HOURS**

- Number of working hours : 42151 [h]

**EQUIPMENT**

- CNC : Fanuc 31i-Model A  
- Tool probe : RENISHAW  
- Electronic handwheel  
- 3 colors status lamp  
- Coolant tank  
\* with high-pressure pump  
- Chips conveyor : Droite LNS  
- Parts catcher  
- Parts conveying strip  
- Bar loader : TOP AUTOMAZIONI FU 350  
- Electric transformer  
- Collets set