

5-AXIS "T"-TYPE COLUMN MACHINING CENTER SACHMAN TRT 314 HS WITH PALLET CHANGER



Immagine da catalogo a titolo illustrativo.

TECHNICAL DATA

YEAR OF MANUFACTURE: 2003

CNC: SELCA 4045PD

AXES TRAVELS

X-axis longitudinal travel:	mm 2500
Y-axis transverse travel:	mm 1400
Z-axis vertical travel:	mm 1500

TABLE

Table size:	mm 1200X1200
Load capacity:	kg 5000
Number of divisions:	360.000
T-slots:	No. 7 - pitch mm 127
Table axis motor power:	kw 6

KOSMO 5 AUTOMATIC BI-ROTARY HEAD

Continuous power:	kW 28
KOSMO head spindle speed:	giri/min 4.000
Plane positioning with HIRTH serration	
Rear plane rotation:	2,5°
Front plane rotation:	3°
Tool taper:	DIN 69871-A50
Drawbar:	DIN 69872-28 (50)

PALLET CHANGER: DCN 100 CP

The pallet changing system is fully automatic and directly controlled by the machine control according to a pre-set sequence.

The pallet support base is made of FE42 electro-welded steel and features a large containment tank for chip and coolant collection.

The pallet handling system operates in two stages with the aid of a hydraulic cylinder and a ball screw connected to a brushless servomotor.

The pallet slides on linear guides with size 45 ball-bearing runners of standard precision. The pallet is made of treated, machined, and ground G30 cast iron. The working surface is equipped with T-slots for clamping.

The lower section is fitted with sliding guides and centering cones, all case-hardened and ground.

MACHINE COMPLETE WITH

- **Electronic handwheel**
- **Electronic thermal expansion compensation device for the head**
- **High-pressure through-spindle coolant**
- **Chip conveyor: Double front and rear chip conveyor**
- **Sidesalpa tool machine - 40 positions**
- **Full enclosure**
- **Instruction manuals**
- **CE declaration of conformity**