

## Travelling column milling machine

Stock number:	1124-030419a
Type of machinery:	Travelling column milling machine
Manufacturer:	KRAFT
Type:	TCM-344
Year:	Fabrikneu
Control unit:	CNC
Maker of control unit:	Fanuc 0iMF
Country of origin:	Taiwan
Item location:	manufacturing place
Delivery time:	shortly
Freight basis:	FOB Taiwan



### Seller



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### Technical specs

x-travel:	3000 mm
y-travel:	400 mm
z-travel:	400 mm
table-size:	400 x 3000 mm
distance spindle nose and table:	110-710 mm
table load:	3 t
spindle taper:	40 (50 opt.) BT/SK
spindle speeds:	60 - 8000 1/min
spindle drive:	11/15 kW
rapid speed:	24 m/min
feed range:	1 - 10000 mm/min
tool piece magazine with:	24 Stk.
diameter of tools max.:	150 mm (24 Werkzeuge) mm
workpiece length:	300 mm
weight of the machine ca.:	22 t
weight of tools max.:	7 kg
positioning accuracy:	± 0.005 mm
repeatability:	± 0.005 mm
tool changing time:	2,5 sec
coolant capacity:	550 l
machine weight:	16500 kg

### Accerories

ATC:	24 pos fach
CNC controller:	Fanuc 0iMF
Automatically power off:	
automatic lubrication system:	
rigid tapping:	
tools:	

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chip conveyor - auger:	auf der Rückseite des Tisches, mit Wagen
leveling elements:	
CE-design:	optional
Machine semi-cover:	oben offen
complete cooling system:	
working area light:	
alarm stack light:	
technical documentation in German language:	
electric 400V, 50 Hz, 3 phases:	
sea freight packing :	aus Metall

### Description

Brand new travelling column milling machine with CNC control Fanuc 0iMF, 24-fold tool changer, chip conveyor, rigid tapping and much more.

Characteristics:

- The axes are moved via high-precision ball screws:
- o TCM-344 :
  - X-axis with 63mm diameter ball screw,
  - Y / Z axis with diameter 40mm ball screw drive
- The guideways are equipped with roller-shaped, high-precision linear guides.
- All guideways are covered:
- FANUC controls and motors
- Smaller footprint than a conventional bed milling machine: saves space and costs (lower costs for foundation or installation)
- The machine bed is made of high-quality cast iron, stress-free annealed and start ribbed for high stiffness even with heavy machining.
- High dead weight of the machine ensures a high degree of stability
- The guideways are hardened and ground
- User-friendly Fanuc oi MF CNC control with cycle support Manual Guide

Further technical data and accessories, according to attachment.

Warranty: 12 months on the machine and 24 months on the controller

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