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SKY MASTER



Offer date:2017-02-08
Quotation No.VM2000FMF20170208A

Stock Machine
Double Column Machining Center VM2000
With FANUC 0i MF
All three axis use linear guide way
Stock Machine



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- A.) General Machine Description**

The column and the beam were intergraded together to provide the best dynamic rigidity and precision stability.

The worktable's length wise is parallel to the beam, create the most suitable length-width ratio.

The spindle was driven by dual gear box from Europe, make sure it has the quickest response

Stand February 17

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time and the lowest vibration.

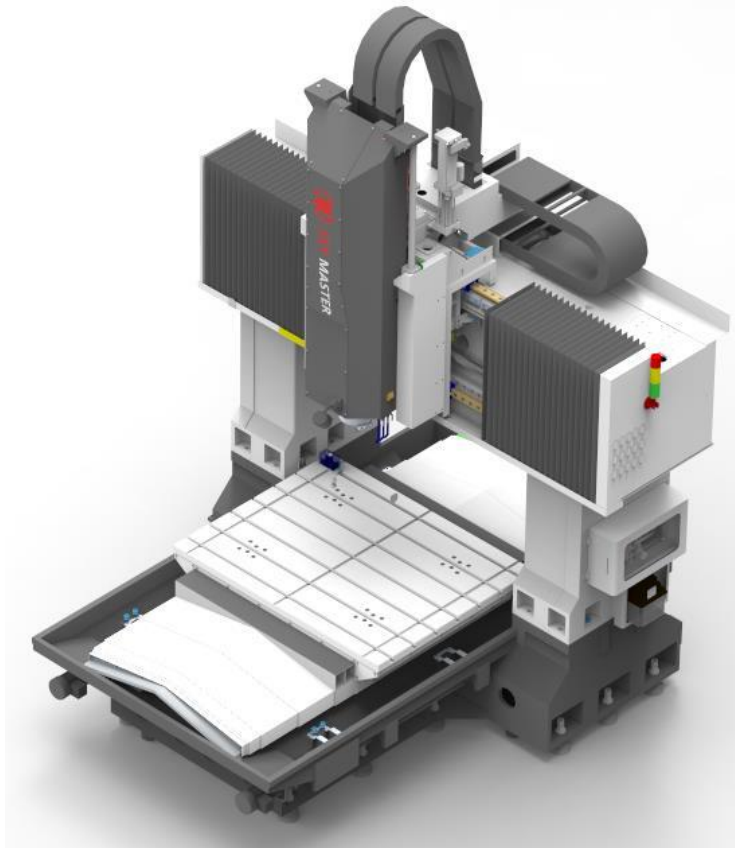
Extra long X axis travel, easy for customer to add attachment head , extend the working range.

Unique opposite angle two door design with foot rest aside of the worktable makes load and unload the work piece much easier.

German made hanging type operation box with protecting door on the right side, easy for operation and tool change.

Equipped with fully automatic coil type and chain type chip conveyer. Chip collecting point is located at the back of the machine. Efficient, environmental friendly and clean.

The machine is operated via an operator's panel, designed by Sky Master and made in Taiwan.



B.) Technical Parameter and Equipment for VM2000, standard

Item		Unit	VM2000
CNC system			FANUC 0i MF
Travel	X Travel	mm	1900
	Y Travel	mm	1300
	Z Travel	mm	800
	Distance from spindle nose to center of table	mm	180-980
	Distance between two column	mm	1840
	Distance from table to floor	mm	880
Table	Table size	mm	1650×1300
	Max. load on table	kg	4000
	T slot size(quantity/width/distance)	mm	22×180×7
Spindle	Spindle taper		BT50
	Max. spindle speed	rpm	6000
	Spindle motor power (continual working /30 mins)	kW	15/18.5
	Max spindle torque	N.m	526
X/Y/Z	Rapid travel on (X/Y/Z)	mm/min	20000/20000/15000
	Cutting federate (X/Y/Z)	mm/min	1~10000
ATC (Option)	ATC type		ARM type ATC
	Tool capacity	PCS	24
	Max. tool diameter	mm	φ110/φ220
	Max. tool length	mm	350
	Max. tool weight	kg	15
Air pressure		MPa	0.6~0.8
Supply voltage & frequency		V/Hz	AC 3φ 380/50
Power requirement		kVA	60
Machine size (L×W×H)		mm	4900×4160×4339
Machine weight		kg	18000


Standard:

FANUC 0IMF	Ethernet DNC machining
absolute system+ AICCI Fine mold package	Rigid tapping
Full enclosure guard	BF gear box direct driven spindle 6000rpm BT50
Spindle air sealing	Machining air blowing device
Heat exchanger for electric cabinet	Portable MPG
Coolant system	Lubrication system/pneumatic system
Adjustable level bolts and foundation blocks	Coil chip conveyor and chain chip conveyor
Spindle chiller	Air gun/water gun with flushing function
Automatically power off	Transformer

Standard Machine Price with Fanuc for agent as above FOBNINGBO: upon request USD

VM2000 package size 5800x3500x3650mm, Gross weight 20t

D.) Documentation

2 sets of documentation in English:

- Mechanical and pneumatic part manual (with accuracy and quality control sheets)
- Electric part manual including schematic drawings
- Machine operation and NC error message manual
- Original manuals from OEM suppliers (FANUC, auxiliary equipment)
- Documentation for FANUC in English language
- Foundation construction standards

E.) Machine painting

According Sky Master standard RAL grey light 7035 and dark grey 7011 (refer to catalogue)

F.) Acceptance, Training, Installation

Machine acceptance in manufacturers workshop before installation with following content:

- Inspection and presentation of machine
- Functional test of machine (basic function)
- Optional additional testing work-piece, provided by customer
- Checking of geometric accuracy according to Sky Master accuracy charts

The final acceptance will be signed by parties of Sky Master and customer.

Training for customers will be performed at SKY MASTER's factory. Transportation and accommodation has to be born by the buyer. (contents and duration to be specified)

Installation will be performed by **GK**

SKY MASTER CAN ASSIGN ENGINEER TO Germany FOR INSTALLATION,THE TRAVELLING/ACCOMMODATION COST WILL BE BORNE BY THE END-USER

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G.) Payment, Delivery and Warranty Conditions

Payment conditions: 30% in advance by T/T, 70% before shipment by T/T or 100% by L/C, hereof 30% down payment, 70% against shipping documents.

Delivery time is Stock Machine

Warranty is 12 month from the date of final acceptance for CNC system, for mechanical parts 12 month, but not longer than 14 months from the date of shipment.

Mechanical parts during warranty will be replaced free of charge and have to be returned to Sky Master.

Wearing parts are excluded from warranty.

Warranty performance on customer side will be performed by GK

Validity of offer: 3 month

Best regards,

Nils Rückert

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