



5 AXIS MACHINING CENTERS
GENERAL CATALOGUE



SWIVEL HEAD & TABLE



SWIVEL HEAD



SWIVEL HEAD & TABLE + MULTI - TASKING



SWIVEL TABLE

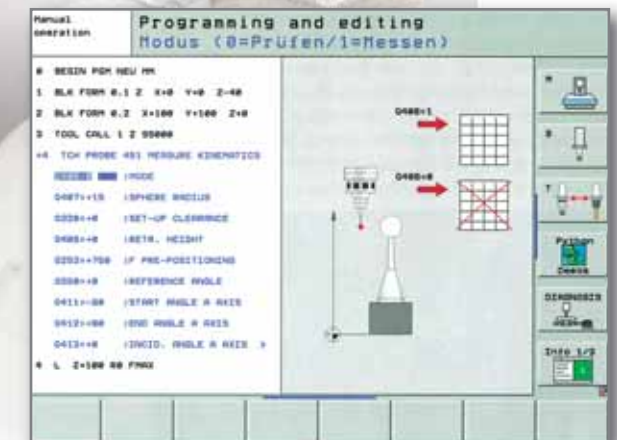


5 AXIS

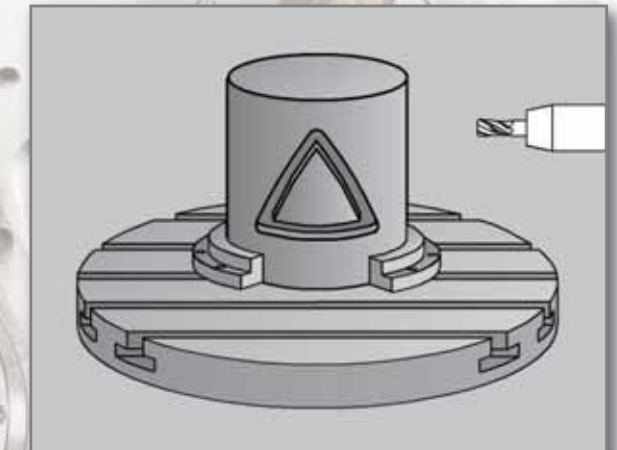
EMC / CE / ISO CERTIFIED

A PROFESSIONAL CNC MACHINES MANUFACTURER

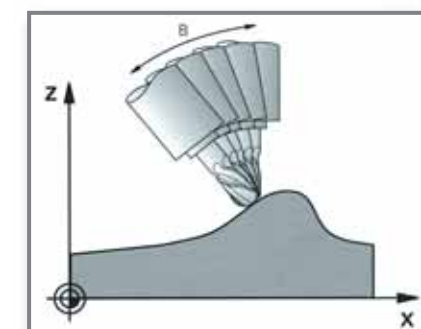
DIGITAL CNC CONTROL-HEIDENHAIN iTNC-530



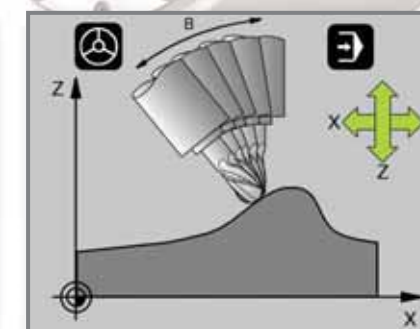
Inspecting and optimizing machine accuracy
by calibrating rotary axes with kinematics



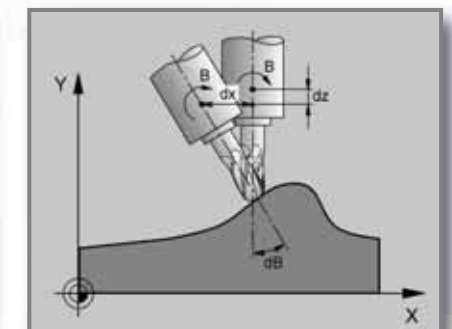
Cylindrical surface interpolation



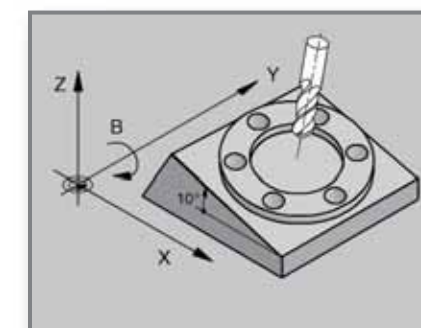
Tool center point management



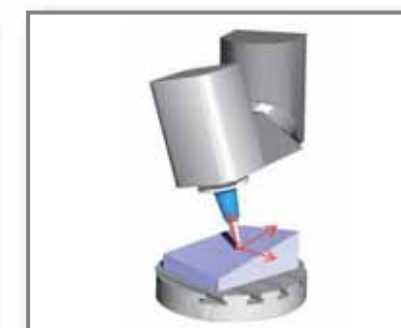
Hand wheel super imposition



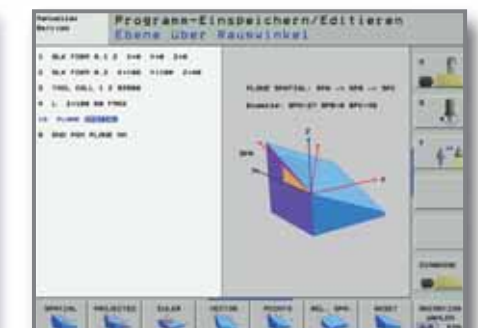
3D tool length compensation



Tilting working plane



Coordinate transformation by using PLANE function



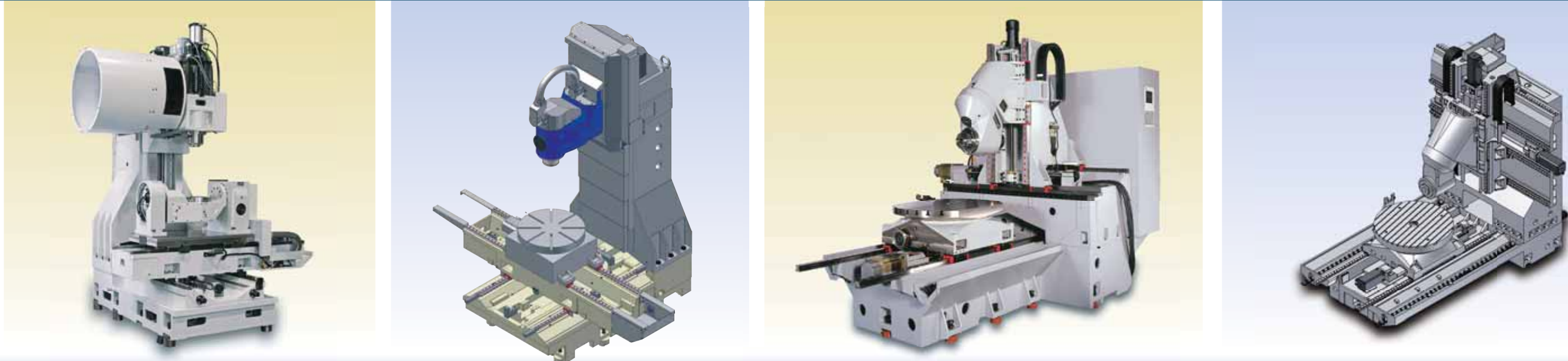
THE MOST COMPLETE LINE MANUFACTURER OF 5 AXIS MACHINING CENTER IN TAIWAN, CHOICES

MACHINE



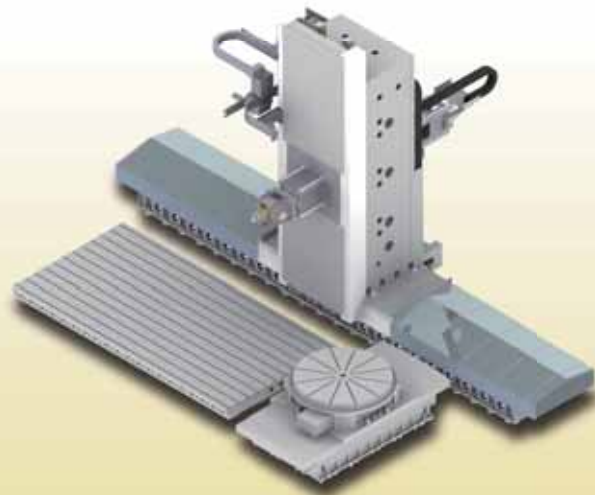
MODEL	HSM-250U	HSM-5XC	UMC-1000	UMC-1600
DESIDN	SWIVEL TABLE	SWIVEL HEAD & ROTARY TABLE	SWIVEL HEAD & ROTARY TABLE	SWIVEL HEAD & ROTARY TABLE
X	610 MM	1100 MM	1000 MM	1620MM
Y	400 MM	610 MM	800 MM	1260MM
Z	510 MM	610 MM	700 MM	1050MM
A/B	-30° ~ +120° / ±360°	±120° / ±360°	±90° / ±360°	±90° / ±360°
TABLE	Ø250 (Ø350) MM	Ø610 MM	1000 MM×800 MM	Ø1320MM
LOAD	100 KG	500 KG	1500 KG	4000KG
TAPER	#40(HSK-A63)	#40(HSK-A63)	#40(HSK-A63)	#50 (HSK-A100)
R.P.M	8000(12000,24000)RPM	14000(24000) RPM	16000(18000) RPM	8000RPM
Kw	11 kw / 15 kw	29.3 kw / 35 kw	17.5 kw / 22 kw	37.4kw/54kw
DESIGN	24 (32)	32 (40)	40 (60,80)	60
WEIGHT	7000 KG	9000 KG	15000 KG	25000KG

FRAME



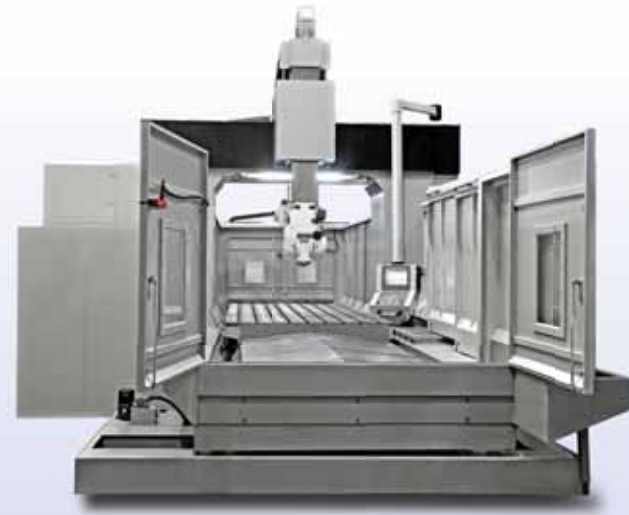
INCLUDING :

- (1) DESIGN : swivel head, swivel table, swivel head & table, swivel head & table & multi-tasking
- (2) TRAVEL : linear 3 axis 600mm/400mm/500mm ~ 5200mm/3600mm/1300mm, rotary 2 axis $\pm 95^{\circ} \sim 120^{\circ} / 360^{\circ}$
- (3) LOAD : from 100kg up to 30000kg



FBM-4020~20040

SWIVEL HEAD & ROTARY TABLE
4000 MM~20000 MM
2000 MM~4000 MM
1300 MM
$\pm 120^{\circ} / \pm 360^{\circ}$
$\varnothing 1650 \sim \varnothing 3000$ MM
5000 KG~30000 KG
HSK-A100
4000 RPM~10000 RPM
34 kw / 42 kw
24 (32,40,60)
35000 KG~100000 KG



DVM-2021~5035-5X

SWIVEL HEAD
2200 MM ~ 5200 MM
2200 MM ~ 3600 MM
700 (900,1100,1300) MM
$\pm 105^{\circ} / \pm 360^{\circ}$
2000 MM $\times$ 1700 MM ~ 5000 MM $\times$ 3100 MM
6000 KG~30000 KG
HSK-A63
#50
18000 RPM
21 kw
22 kw / 30 kw
4000 RPM
24 (32,40,60)
22000 KG ~ 50000 KG



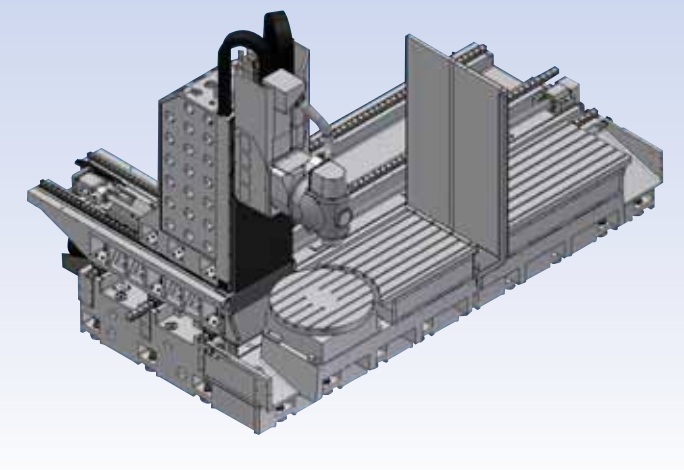
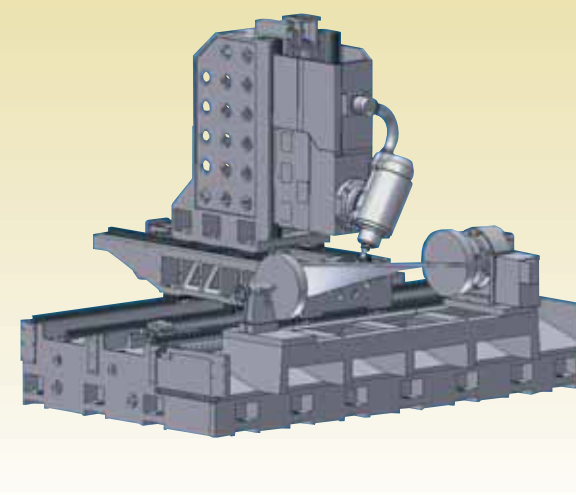
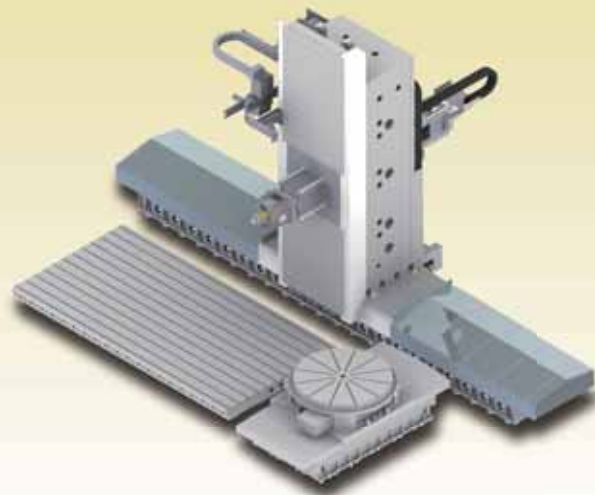
TVMC-5XA

SWIVEL HEAD & ROTARY TABLE
2320 MM,3320 MM,4320 MM,5320 MM
770 MM
770 MM
$\pm 120^{\circ} / \pm 360^{\circ}$
$\varnothing 400 \sim 630$ MM + tailstock
500KG
#40(HSK-A63)
14000 (24000) RPM
29.3 kw / 35 kw
24 (32,40)
21000 KG ~ 32000 KG



TVMC-5XC

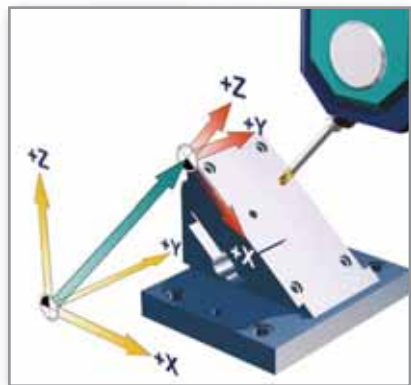
SWIVEL HEAD & ROTARY TABLE
2320 MM,3320 MM,4320 MM,5320 MM
770 MM
770 MM
$\pm 120^{\circ} / \pm 360^{\circ}$
$\varnothing 630 \sim \varnothing 800$ MM + plain fixed table
630 KG~800 KG + 3000KG on fixed table
#40(HSK-A63)
14000 (24000) RPM
29.3 kw / 35 kw
24 (32,40)
21000 KG ~ 32000 KG



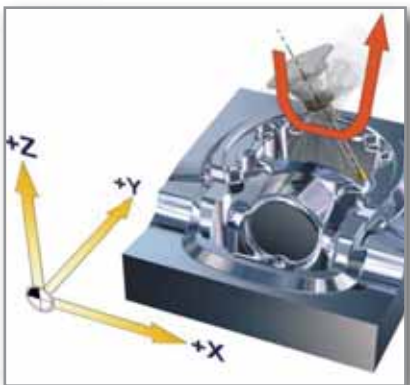
DIGITAL CNC CONTROL - SIEMENS 840D



MEASURING 3 SPHERE



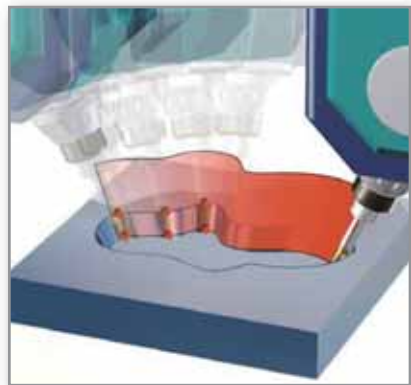
Swivel (CYCLE 800)



TRAORI



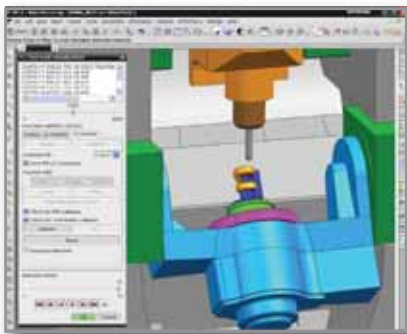
Transforming coordinate systems - FRAMES



Spline curve interpolation (ORI CURVE)



High speed setting (CYCLE 832)



Virtual machine - VNCK



WORLDWIDE SALES

EUMACH FAMILIES



• VMC-2150
Vertical machine center
400MM ~ 3200MM X axis travel



• TVMC-2000 / 3000
Moving column machine center
2320MM & 3320MM X axis travel



• LBM-1000
High speed bridge type machine center
1100MM ~ 2200MM X axis travel



• MH-500
Horizontal machine center
720MM x 650MM x 650MM travel



• EBM-2150
5 Face machine center
1400MM ~ 3200MM X axis travel



• MB-1500
Moving column horizontal machine center
1100MM ~ 2200MM X axis travel



• DVM-4025
5 Face & double column machine center



• FBE-1500
Universal milling machine
1500MM ~ 4000MM X axis travel



• FBM SERIES
Floor type boring machining center

Eumach Co.,LTD.
★Specifications subject to change without notice.
Catalogue No.A0020205

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