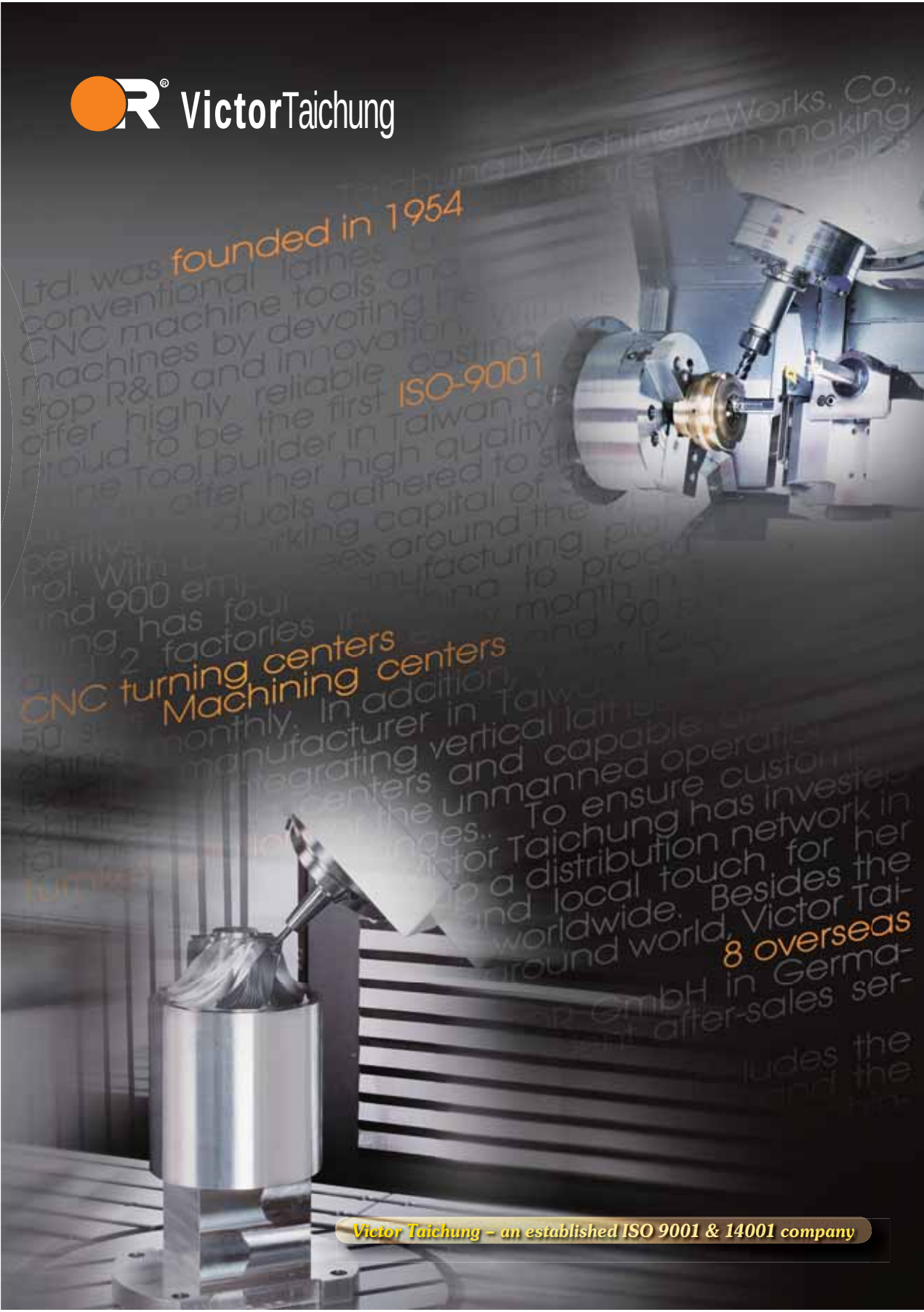
VictorTaichung

founded in 1954

ISO-9001

CNC turning centers
Machining centers

8 overseas



Victor Taichung – an established ISO 9001 & 14001 company

EVOLUTION

Founded in 1954

Released in 1955

Released in 1975

Victor

VICTOR

Released in 1976

FACILITIES

R&D

Foundry

Machining

Sheet metal machining

Victor's own foundry

In-house production

CMM measurement

Precision Machining

Spindle assembling

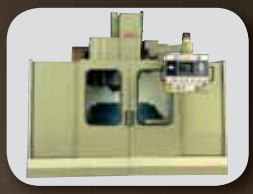
Lathe assembling

M/C assem

www.Victor-cnc.com :

On-line sales and service supports

First CNC in 1979



First VMC in 1981

FORTUNE

Released in 1989

First robot in 1993

Quality guarantee

National Quality Award 1994

Released in 1998

VictorTaichung

Released in 2007

Technology Upgrade

First multi-tasking in 2009

bling

Open house

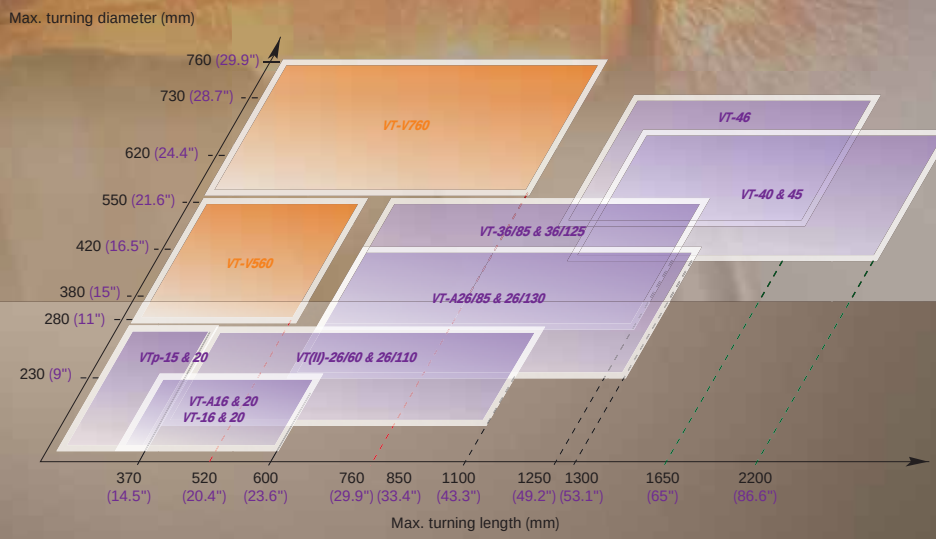
Taipei show (TIMTOS)

IMTS show

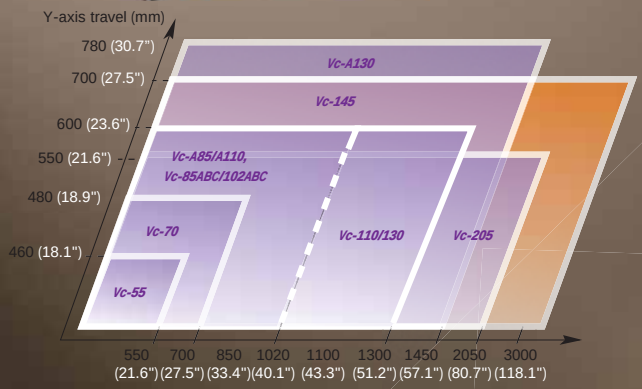
EMO show

CNC LINE UP

Turning : VTL & HTL



Milling : VMC & HMC



HMC

Wheel machining

X Series

4X/5X Multi-tasking

Vturn-X200

Vcenter-X300

A Series

Advanced Direct Drive Technology

Vcenter-A72/85/110/130

Vturn-A16/20/26

R

Essential Series

VTL

VMC

HTL

Vturn-X200

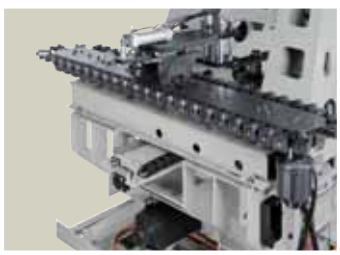
- Multi-tasking lathe with twin built-in spindles
- 4-axis machining in one set-up
- Roller geared swivel tool spindle
- ATC and 40-tooll magazine

Specification		Vturn-X200
Chuck size (twin chucks)	inch	8 + 8
Max. turning diameter	mm	540
Max. part diameter from 1st to 2nd spindle	mm	230
X1-axis travel (upper tool spindle)	mm	600
Z1-axis travel (upper tool spindle)	mm	1100
Y-axis travel (upper tool spindle only)	mm	160 (±80)
B-axis (swivel head)	deg	225 (+100 ~ -110)
E-axis travel (2nd spindle)	mm	1050
X1/Z1/Y axis feed (upper tool spindle)	m/min	36 / 36 / 18
X1/Z1/Y/B axis motor power	kW	5.5 / 7 / 4 / 3
Twin spindle speed	rpm	4200
Twin spindle motor power	kW	15 / 22
Bar capacity	mm	52
Turret type (tool spindle)	rpm	Milling head with ATC
Positioning indexing resolution:	deg.	5 (by coupling)
Continuous indexing resolution:	deg.	0.001 (by roller gear)
Max. speed	rpm	12000
Milling motor power	kW	11 / 15
Tool specification	-	HSK-T63 (opt. KM-63UT)
Max. tool diameter	mm	90
Max. tool length	mm	280
Max. tool weight	kg	8
Tool capacity	-	40
Tool exchange time	sec	1.8 (T-T), 11 (C-C)
Tank capacity	L.	560
Controller		Fanuc 31i
Power requirement	KVA	85
Floor requirement	mm	5500 x 3400 x 2600
Net weight	kg	12000

Vcenter-X300

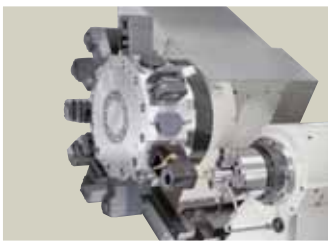
- Full 5-axis machining on big part up to Ø1100mm (43.3")
- 4-axis machining on long part up to 3000mm (118.1")
- Swivel head with built-in spindle 12000rpm / 26kW (34.8HP)
- Off-center direct-drive rotary table
- Pendulum machining

Specification		Vcenter-X300
X axis travel	mm	3000
Y axis travel	mm	700
Z axis travel	mm	800 (vertical milling)
Rapid feed rate - X/Y/Z	m/min	30 / 30 / 30
Axis feed motor - X/Y/Z	kW	9.6 / 9.6 / 9.6 (Heidenhain), 9 / 6 / 9 (Fanuc)
Table work area	mm	3500 x 700
Max. table load	kg	3000
Spindle taper		BT-40 (opt. HSK-A63)
Spindle motor	kW	26 (Heidenhain), 22 (Fanuc)
Spindle speed	rpm	12000
Swivel angle (B-axis)	deg	±110
Positioning indexing resolution	deg	1 (by coupling)
Continuous indexing resolution	deg	0.001 (by roller gear)
Diameter of rotary table taper	mm	630
Max. table load	kg	800
Indexing resolution	deg	0.001
Max. tool diameter (w/t adj. tools)	mm	75 (125)
Max. tool length	mm	300
Max. tool weight	kg	7
Magazine capacity		48
Tool exchange time	sec.	5 (T-T), 15 (C-C)
Coolant tank capacity	L.	770
Std. NC controller		Heidenhain iTNC-530 (opt. Fanuc 31i)
Power requirement (with CTS)	KVA	105 (Heidenhain), 95 (Fanuc)
Floor space requirement	mm	7690 x 4955 x 3700
Machine weight	kg	24000



Vturn-A16/A20/A26

- High Cpk value
- DDS built-in spindle
- Victor's own servo turret
- Minimal chip build-up
- Front removal coolant tank



Specifications		Vturn-A16/60 (SV) Vturn-A20/60 (SV)	Vturn-A16/60CV (SCV) Vturn-A20/60CV (SCV)	Vturn-A26/85 (SV) Vturn-A26/130 (SV)	Vturn-A26/85CV (SCV) Vturn-A26/130CV (SCV)
Chuck size	inch	6 8	6 8	10 (opt. 12)	10 (opt. 12)
Maximum turning diameter	mm	390	330	420 (381)	351 (381)
Bar capacity	mm	40 52	40 52	75	75
X axis travel	mm	195+25 (165+35)	135+115 (165+35)	210+50 (190.5+69.5)	142.5+117.5 (190.5+69.5)
Z axis travel	mm	600	600	850 1300	850 1300
Y axis travel	mm	-	±45	-	±55
Rapid feed rate - X/Z	m/min	X / Z:24 / 24 (B: 15)	X / Z:24 / 24 (B:15)	X / Z:24 / 24 (B:15)	X / Z:24 / 24 (B:15)
Rapid feed rate - Y	m/min	-	7	-	7
Feed motor - X/Z (B)	kW	X:3 Z:3 (B:3)	X:3, Z:3 (B:3)	X:3, Z:4 (B:3)	X:3, Z:4 (B:3)
Feed motor - Y	kW	-	4	-	4
Spindle motor	kW	αB160Mi-5.5 / 7.5 αB180Mi-11 / 15	αB160Mi-5.5 / 7.5 αB180Mi-11 / 15	αB200Mi-15 / 22	αB200Mi-15 / 22
Spindle speed	rpm	6000 5000	6000 5000	3500	3500
Sub-spindle motor	kW	αB112Mi-10 / 15	αB112Mi-10 / 15	αB160M-5.5 / 7.5	αB160M-5.5 / 7.5
Tool station	no.	12	12 (12 live)	12	12 (12 live)
Tool shank	mm	20	20 (VDI-30)	25	25 (VDI-40)
Milling speed	rpm	-	3000 (5000)	-	3000 (5000)
Milling motor	kW	-	4.5	-	4 (4.5)
Coolant tank capacity	L.	290	290	360 410	360 410
Fanuc controller		0i-TD	0i-TD	0i-TD	0i-TD
Power requirement	KVA	40 (62.5)	46 (67.5)	50 (63.6)	56.5 (70)
Machine dimension (L x W x H)	mm	2930 x 1750 x 1850	2950 x 1740 x 1850	3425 x 2100 x 1935 4100 x 2100 x 1935	3425 x 2100 x 1935 (2325) 4100 x 2100 x 1935 (2325)
Net weight	kg	5700 (5900) 5800 (6000)	5700 (5900) 5800 (6000)	7600 (7800) 9000 (9200)	7600 (7800) 9000 (9200)

SV: Sub-spindle (B-axis) & VDI turret, CV: C-axis VDI turret, YCV: Y-axis and C-axis VDI turret

Vcenter-A72/A85/ A110/A130

- Z-axis acceleration 0.75G (0.6G for Vcenter-A130)
- High rapid feed:
  - 48/48/48 m/min (1890/1890/1890 IPM) for Vcenter-A72
  - 42/42/42 m/min (1653/1653/1653 IPM) for Vcenter-A85/A110
  - 36/36/36 m/min (1417/1417/1417 IPM) for Vcenter-A130
- Directly-coupled 12000rpm spindle

Specifications		Vcenter-A72	Vcenter-A85	Vcenter-A110	Vcenter-A130
X axis travel	mm	720	850	1100	1300
Y axis travel	mm	480	600	600	780
Z axis travel	mm	660	560	560	700
Rapid feed rate - X/Y/Z	m/min	48 / 48 / 48	42 / 42 / 42	42 / 42 / 42	36 / 36 / 36
Feed motor - X/Y/Z	kW	4.5 / 4.5 / 5.5	4.5 / 4.5 / 5.5	4.5 / 4.5 / 5.5	4.5 / 4.5 / 5.5
Table work area	mm	800 x 460	1100 x 600	1350 x 600	1400 x 700
Max. table load	kg	500	1000	1200	1500
Spindle taper		BT-40	BT-40	BT-40	BT-40
Spindle motor - cont / 30 / 10 min	kW	7.5 / 11 / 15 opt. 15 / 18.5 / -	7.5 / 11 / 15 opt. 15 / 18.5 / -	7.5 / 11 / 15 opt. 15 / 18.5 / -	7.5 / 11 / 15 opt. 15 / 18.5 / -
Spindle speed	rpm	12000 (opt. 15000)	12000 (opt. 15000)	12000 (opt. 15000)	12000 (opt. 15000)
Max. tool diameter (w/t adj. tool)	mm	76 (125)	80 (125)	80 (125)	76 (125)
Max. tool length	mm	300	300	300	300
Max. tool weight	kg	7	7	7	7
Magazine capacity	no.	24 (opt. 32)	24 (opt. 32)	24 (opt. 32)	24 (opt. 32)
Tool exchange time	sec	2.4 (T-T), 5.4 (C-C)	2.4 (T-T), 5.5 (C-C)	2.4 (T-T), 5.5 (C-C)	2.4 (T-T), 5.5 (C-C)
Coolant tank capacity	L.	500	510	550	650
Fanuc controller		0i-MD	0i-MD	0i-MD	0i-MD
Power requirement	KVA	40 (excl. CTS)	40 (excl. CTS)	40 (excl. CTS)	40 (excl. CTS)
Machine dimension (L x W x H)	mm	2261 x 2676 x 2909	2400 x 3505 x 2785	3000 x 3505 x 2785	3202 x 3671 x 3012
Machine weight	kg	5500	7070	7400	11000

VTplus-15 & 20

- LM (Linear motion) slidways
- Right or rear chip disposal
- Economic entry model

Vturn-16/20/26

- Box slideways for heavy cutting
- Belt-driven spindle

Specification		VTplus-15 VTplus-20	Vturn-16 Vturn-20	VturnII-16(CV) VturnII-20(CV)	VturnII-23(CV)
Chuck size	inch	6 8	6 8	6 8	8
Maximum turning diameter	mm	280	230	440 (330)	330 (316)
Bar capacity	mm	40 52 (opt. 66)	40 52	40 52	52
X axis travel	mm	140+20	115+20	220+20 (135+105)	165+50 (143.5+122)
Z axis travel	mm	370	600	510	610
Y-axis travel	mm	N.A	N.A	±45	±55
Rapid feed rate - X/Z	m/min	24 / 24	20 / 24	20 / 24	20 / 24
Feed motor - X/Z (B)	kW	1.6 / 1.6 1.6 / 3	1.6 / 3	1.6 / 3	3 / 4 (B:3)
Feed motor - Y	kW	N.A	N.A	1.6	1.6
Spindle motor - cont / 30 min	kW	5.5 / 7.5	7.5 / 9.0	11 / 15	11 / 15
Spindle speed	rpm	6000 4200	6000 4200	6000 4200	4200
Sub-spindle motor	kW	N.A	N.A	N.A	5.5 / 7.5
Tool station		12 8	12 10 (opt. 8)	12 (12 live) 10 (opt. 8)	8 (12 live)
Tool shank	mm	20 25	20 25	20 (VDI-30) 25 (VDI-30)	25 (VDI-40)
Milling speed	rpm	-	-	3000	3000
Milling motor	kW	-	-	3	3
Coolant tank capacity	L.	110	87	130	160
Fanuc controller		0i-TD	0i-TD	0i-TD	0i-TD
Power requirement	KVA	19	23	23	40
Machine dimension (L x W x H)	m	2.2 x 1.6 x 1.75	3.3 x 1.5 x 1.65	3.2 x 1.7 x 1.7	3.7 x 1.8 x 1.9
Net weight	kg	3800	4000	4200 (4300)	5550

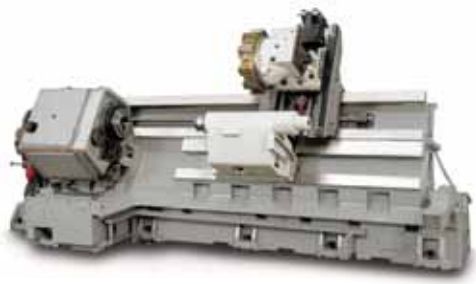
*CV: C-axis with VDI turret

VturnII-16/20/23/26

- Box slideways with higher feed
- Belt-driven spindle
- C-axis avail with built-in spindle
- Sub-spindle available

Vturn-36/40/45/46

- Box slideways
- Gearbox 2-step or 4-step
- C-axis available
- Large spindle bore 160mm available



Vturn-26/60 Vturn-26/110	VturnII-26/60(CV) VturnII-26/110(CV)	Vturn-36/85(CV) Vturn-36/125(CV)	Vturn-40/220 (CV)	Vturn-45/220	Vturn-46 (CV)
10	10	12	15	15	15
380	370 (316)	550 (458)	620 (390)	620	730 (528)
75	75	91 160 for LSB	91	117.5 (160 for LSB)	110
190+50	185+50 (180+15)	275+30 (156+199)	310+30 (107+165)	310+30	365+25 (186+234)
610 1090	610 (490) 1100 (980)	855 1255	2200	2200	1650
N.A	±55	N.A	N.A	N.A	N.A
12 / 15	20 / 24	12 / 15	20 / 20	20 / 20	12 / 15
3 / 3	3 / 4 (B:3)	3 / 4	4 / 7	4 / 7	3 / 4 (opt. 7)
N.A	1.6	N.A	N.A	N.A	N.A
15 / 18.5 (opt. 18.5 / 22)	15 / 18.5 (opt. 18.5 / 22)	22 / 26 with gearbox (37 / 45 built-in for CV)	30 / 37 with gearbox (37 / 45 built-in for CV)	30 / 37 with gearbox	30 / 37 with gearbox
3500 (2500 for LSB)	3500 (2500 for LSB)	2500 (1300 for LSB)	2500	2000 (1300 for LSB)	1500
N.A.	5.5 / 7.5	N.A	N.A	N.A	N.A
10	10 (12 live)	10 (6+6 6 live)	10 (12, 6+6 live)	10 (opt. 12)	10 (6+6 live)
25	25 (VDI-40)	32 (VDI-50)	32 (VDI-50)	32	32 (VDI-50)
-	3000	2500	2500	-	2500
-	4	7	7	N.A.	7
100 130	160	130 150	450	450	250
0i-TD	0i-TD	0i-TD	0i-TD	0i-TD	0i-TD
34	40	41 (52 for CV)	70 (80 for CV)	70	64
3.8 x 1.7 x 2 4.4 x 1.7 x 2	3.8 x 1.8 x 1.9 4.4 x 1.8 x 2	4.7 x 2 x 2.2 5.2 x 2 x 2.2	6.7 x 2.1 x 2.2	6.7 x 2.5 x 2.2	6.2 x 3 x 2.4
5400 6000	5600 (5800) 6200 (6400)	8000 9100	14000	14000	13500

Vturn-V560

- Box slideways
- Heavy cutting
- C-axis available

Vturn-V760

- Box slideways
- 2-step gearbox
- C-axis availabe

Specifications		Vturn-V560 (CV)	Vturn-V760 (CV)
Chuck size	inch	12 (opt. 10, 15, 18)	18 (opt. 21, 24, 28, 32)
Maximum turning diameter	mm	560	760
X axis travel	mm	280+130	380+40 (380+30)
Z axis travel	mm	540	780
Rapid feed rate - X/Z	m/min	15 / 24	20 / 20
Feed motor - X/Z	kW	4 / 4	4 / 7
Spindle motor	kW	15 / 18.5 (αP30i) opt. 18.5 / 22 (αP40i)	18.5 / 22 (opt. 30 / 37) with ZF gearbox
Spindle speed	rpm	2500 (opt. 3500)	2000 (opt. 660)
Tool station	no.	8 (8 live)	12 (12 live)
Tool shank	mm	32 (VDI-40)	32 (VDI-50)
Milling speed	rpm	3000	2500
Milling motor	kW	4	7
Coolant tank capacity	L.	280	300
Fanuc controller		0i-TD	0i-TD
Power requirement	KVA	40 (45 for CV)	72 (88 for CV)
Machine dimension (L x W x H)	m	1.56 x 2.6 x 2.91	2.03 x 2.65 x 3.4
Net weight	kg	6000	10000

Easyway Robot

- Articulated robot
- Installed inside machine
- High efficiency

Gantry robot

- Easy Linking
- Cost effective
- High flexibility

Robot model		EWR-03	GRplus-05 GR-05	GR-05	GR-10 GR-15	GR-10L GR-15L	GR-30	GRplus-V05 GRplus-V10 GRplus-V15
Suitable lathe		VTplus-15 & 20 VturnII-16 & 20	VTplus-15 & 20	Vturn-16 & 20 VturnII-16 & 20 Vturn-A16 & 20	Vturn-26 VturnII-23 & 26 Vturn-A26/85	Vturn-26/110 VturnII-26/110 Vturn-A26/130	Vturn-36	Vturn-V560
X-axis travel	mm	N.A.	2800	2800	3400	3900	4420	1500
Y-axis travel	mm	N.A.	650	650	1050	1050	1200	300
X-axis rapid feed	m/min	N.A.	120	120	90	90	75	60
Y-axis rapid feed	m/min	N.A.	90	90	60	60	60	30
Max. FLANGE Dia. x length	mm	D.120 x L.100	D.150 x L.110 D.150 x L.140	D.150 x L.140	D.200 x L.175 D.250 x L.175	D.200 x L.175 D.250 x L.175	D.300 x L.180	D.120 x L.100 D.150 x L.110 D.150 x L.140
Max. BAR Dia. x length	mm	N.A.	N.A. D.40 x L.450	D.40 x L.450	D.45 x L.400 D.80 x L.400	D.45 x L.700 D.80 x L.700	D.130 x L.700	D.40 x L.450
Maximum part weight	kg	3	3	5	10 15	10 15	30	5 10 15
Power requirement	KVA	4	4	4	4 5	4 5	5	5

Vcenter-55 / 70

- Wide range αP motor for low speed cutting at 750rpm
- APC for high production

Vcenter-85 / 102 ABC

- LM guides and boxways both available
- Y-axis travel 600mm (23.6")
- αP motor for low speed cutting
- BT-40 or BT-50 tooling

Vcenter-110 / 130

- Boxways on Z-axis column
- 3 LM guides for Y-axis travel 600mm (23.6")
- αP motor for low speed cutting
- BT-40 or BT-50

Specification		Vcenter-55 Vcenter-55APC	Vcenter-70 Vcenter-70APC	Vcenter-85A Vcenter-85B Vcenter-85C
X axis travel	mm	550	700	850
Y axis travel	mm	460 430	480 430	520 (opt. 600)
Z axis travel	mm	460	510	560
Rapid feed rate - X/Y/Z	m/min	30 / 30 / 24	30 / 30 / 24	24 / 24 / 20 (A) 20 / 20 / 18 (B) 24 / 24 / 18 (C)
Feed motor - X/Y/Z	kW	1.8 / 1.8 / 3	1.8 / 1.8 / 3	3 / 3 / 3
Table work area	mm	800 x 460	800 x 460	1100 x 510
Max. table load	kg	500	500	750 (A / C) 1000 (B)
Spindle taper		BT-40	BT-40	BT-40
Spindle motor - cont / 30 / 10 min	kW	5.5 / 7.5	5.5 / 7.5	5.5 / 7.5
Spindle speed	rpm	8000	8000	8000 6000 (B / C)
Max. tool diameter (w/t adj. tool)	mm	80 (125)	80 (125)	80 (125)
Max. tool length	mm	300	300	300
Max. tool weight	kg	8	8	8
Magazine capacity	no.	24	24	24
Tool exchange time	sec	1.5 (T-T), 4.9 (C-C)	1.5 (T-T), 4.9 (C-C)	1.5 (T-T), 5.9 (C-C)
Coolant tank capacity	L.	225	240	265
Fanuc controller		0i-MD	0i-MD	0i-MD
Power requirement	KVA	23	23	23
Machine dimension (L x W x H)	mm	1955 x 2350 x 2500	2123 x 2350 x 2550	2450 x 2400 x 2640
Machine weight	kg	4000	4100	5700

Vcenter-145

- Boxways for all axes
- 4 boxways for Y-axis travel 700mm (27.5")
- BT-50 with 2 step gearbox

Vcenter-205 (Moving column)

- Long fixed table
- BT-40 tooling
- Pendulum machining
- High versatility

Vcenter-102A Vcenter-102B Vcenter-102C	Vcenter-110	Vcenter-130	Vcenter-145	Vcenter-205
1020	1100	1300	1450	2050
520 (opt. 600)	600	600	700	550
560	560	610	700	560
24 / 24 / 20 (A) 20 / 20 / 18 (B) 24 / 24 / 18 (C)	24 / 24 / 18	24 / 24 / 18	18 / 18 / 15	30 / 30 / 30
3 / 3 / 3	3 / 3 / 3	3 / 3 / 3	4 / 4 / 4	4 / 3 / 4
1100 x 510	1400 x 550	1400 x 550	1600 x 650	2500 x 550
750 (A / C) 1000 (B)	800	900	2200	1200
BT-40	BT-40	BT-40	BT-50	BT-40
7.5 / 9	7.5 / 9	7.5 / 9	11 / 15 (opt. 15 / 18.5)	7.5 / 11 / 15 (opt. 15 / 18.5 / -)
8000 6000 (B / C)	6000	6000	6000	12000
80 (125)	80 (125)	80 (125)	110 (200)	80 (127)
300	300	300	400	230
8	8	8	15	8
24	24	24	24 (opt. 30, 40)	24 (opt. 32, 40)
1.5 (T-T), 6.2 (C-C)	1.5 (T-T), 6.4 (C-C)	1.5 (T-T), 6.8 (C-C)	4.9 (T-T), 11 (C-C)	2.9 (T-T), 7.2 (C-C)
280	340	350	600 (2 x 300)	600
0i-MD	0i-MD	0i-MD	0i-MD	0i-MD
23	23	23	30	40
2750 x 2400 x 2640	3200 x 2625 x 2895	3500 x 2625 x 2920	3800 x 3765 x 3029	5300 x 3180 x 3045
6100	7500	7800	13200	9050

Vcenter-H400

- BBT-40/14000rpm (built-in)
- Rapid feed 48/48/48 m/min (1890/1890/1890 IPM)
- Rotary APC (400kg, 880lbs)

Vcenter-H500HS

- BT-40/14000rpm (built-in)
- Rapid feed 30/30/24 m/min (1181/1181/945 IPM)
- Rotary APC (800kg, 1760lbs)

Specification		Vcenter-H400	Vcenter-H500HS
X axis travel	mm	500	720
Y axis travel	mm	600	650
Z axis travel	mm	500	720
Rapid feed rate - X/Y/Z	m/min	48 / 48 / 48	30 / 30 / 24
Feed motor - X/Y/Z	kW	4.5 / 5.5 / 4.5	4 / 7 / 4
Table work area	mm	400 x 400	500 x 500
Max. table load	kg	400	800
Pallet exchange time (chip-chip)	sec	12.3	11
Spindle taper		BBT-40	BT-40
Spindle motor - cont / 30 / 10 min	kW	18.5 / 22 (high winding)	18.5 / 22 (high winding)
Spindle speed	rpm	14000 (built-in)	14000 (built-in)
Max. tool diameter (w/t adj. tool)	mm	80 (110)	80 (200)
Max. tool length	mm	300	400
Max. tool weight	kg	7	7
Magazine capacity	no.	40 (opt. 60, 90)	40 (opt. 60, 90)
Tool exchange time	sec	4.1 (T-T), 7.6 (C-C)	4.1 (T-T), 8.5 (C-C)
Coolant tank capacity	L.	550	400
Fanuc controller		0i-MD	0i-MD
Power requirement	KVA	44 (54 with CTS)	50 (60 with CTS)
Machine dimension (L x W x H)	mm	2580 x 5320 x 2571	4393 x 5393 x 2937
Machine weight	kg	9000	12500

Vcenter-H500 Vcenter-H630 Vcenter-H1000

- BT-50/6000rpm (built-in)
- Rapid feed 24/24/24 m/min (945/945/945 IPM)
- Rotary APC (800kg, 1760lbs)

- BT-50/4500rpm (geared)
- Rapid feed 20/20/15 m/min (787/787/590 IPM)
- Linear APC (1000kg, 2200lbs)

- BT-50/4500rpm (geared)
- Rapid feed 15/15/15 m/min (590/590/590 IPM)
- Linear APC (2000kg, 2400lbs)

Vcenter-H500	Vcenter-H630	Vcenter-H1000
720	900	1350
650	800	1050
720	710	1050
24 / 24 / 24	20 / 20 / 15	15 / 15 / 15 (opt. 20 / 20 / 15)
4 / 7 / 4	4 / 7 / 4	9 / 9 / 9
500 x 500	630 x 630	1000 x 1000
800	1000	2000
11	30	45
BT-50	BT-50	BT-50
11 / 15	15 / 18.5 (opt. 18.5 / 22)	18.5 / 22 (opt. 22 / 26)
6000 (built-in)	4500 (opt. 6000)	4500
120 (240)	110 (245)	110 (245)
400	600	600
20	20	20
40 (opt. 60)	60 (opt. 90, 120)	90 (opt. 120)
6.8 (T-T), 10.6 (C-C)	13.8 (T-T), 15.6 (C-C)	13.8 (T-T), 20.5 (C-C)
400	500	600
0i-MD	0i-MD	0i-MD
40 (50 with CTS)	54 (60 with CTS)	54 (60 with CTS)
4393 x 5393 x 2937	3435 x 5255 x 3200	4580 x 8400 x 3950
12500	17000	31420

Vturn-V20W / V24W

- Vertical 4-axis lathes
- ACC (Auto Chuck Changer)
- A2-13 spindle (45/55 kW, 60/74 HP) for heavy cutting
- 2 chip conveyors

Vturn-30W / 36W

- Horizontal 2-axis lathes
- 18" / 22" wheel turning
- Cost-effective
- Built-in spindle available

Specification		Vturn-V20W	Vturn-V24W	Vturn-30W	Vturn-36W
Wheel range - turning	inch	20 22 (without ACC)	24 26.5 (without ACC)	18	22
Chuck size	inch	HC-V1310 or HC-V1520	HC-V1522 or HC-V1724	HC-1218	HC-1218 or HC-1520
Maximum turning diameter	mm	560 600 (without ACC)	660 710 (without ACC)	530	580 (opt. 620)
X1, X2 axis travel	mm	420	560	315	320
Z1, Z2 axis travel	mm	420	460	750	815
Rapid feed rate - X/Z	m/min	20 / 20	15 / 15	20 / 20	12 / 15
Feed motor - X/Z	kW	4 / 4	4 / 7	3 / 4	3 / 4
Spindle motor	kW	37 / 45	45 / 55	30 / 37	30 / 37
Spindle speed	rpm	2500	2000	2500	2000
Tool station	no.	6 + 6	6 + 6	10	10 (opt. 12)
Tool shank	mm	VDI-40	VDI-50	32 (VDI-50)	32 (VDI-50)
Coolant tank capacity	L.	1000	1500	360	300
Fanuc controller		0i-TD	0i-TD	0i-TD	0i-TD
Power requirement	KVA	90	100	60	60
Machine dimension (L x W x H)	mm	3200 x 2890 x 3100 (3200 x 2400 x 3100 w/t ACC)	4000 x 3400 x 3350 (4000 x 2500 x 3350 w/t ACC)	4730 x 2000 x 2150	4895 x 2310 x 2350
Net weight	kg	12000 (11500 without ACC)	17000 (16500 without ACC)	6500	8700

Vcenter-85W

- Vertical 3-axis M/C
- Arm-type ATC
- PCD and valve hole drilling up to 22"

Vcenter-H26W

- Horizontal 4-axis M/C
- Even rear boring on PCD & valve holes up to 26"
- Rapid feed 40/40/40 m/min (1575/1575/1575 IPM)

Specification		Vcenter-85W	Vcenter-H26W
Wheel range - PCD & valve hole drilling	inch	20	26
Wheel range - decoration holes drilling	inch	19	26
Axis travel - X/Y/Z	mm	850 / 600 / 560	720 / 620 / 560
Rapid feed rate - X/Y/Z	m/min	24 / 24 / 20	40 / 40 / 40
Feed motor - X/Y/Z	kW	3 / 3 / 3	4.5 / 5.5 / 4.5
Table work area	mm	1100 x 510	HW-1326 fixture
Max. table load	kg	750	N.A.
Spindle taper		BT-40	BT-40
Spindle motor - cont / 30 / 10 min	kW	5.5 / 7.5	15 / 18.5
Spindle speed	rpm	8000 (belt-driven)	8000 (built-in)
Max. tool diameter (w/t adj. tool)	mm	80 (125)	80 (125)
Max. tool length	mm	300	350
Max. tool weight	kg	8	7
Magazine capacity	no.	24	12
Tool exchange time	sec	1.5 (T-T), 5.9 (C-C)	9 (C-C)
Coolant tank capacity	L.	280	550
Fanuc controller		0i-MD	0i-MD
Power requirement	KVA	23	45
Machine dimension (L x W x H)	mm	2450 x 2400 x 2790	3540 x 4560 x 2645
Machine weight	kg	5700	10500

...Orders Repeated

To ensure the return on investment, Victor Taichung has invested considerably in setting up a distribution network in terms of global vision local touch for our sales and service supports worldwide. Besides the qualified exclusive agents around the world, Victor Taichung has 8 overseas subsidiaries to provide our customers efficient after-sales service and technical supports.

Worldwide Subsidiaries

Victor Europe (UK)

Victor France

Victor GmbH (Germany)

Jianrong (Victor Shanghai)

ProCoMeS (Italy)

Perytone (Russia)

Fortune International (USA)

Victor Fortune (South Africa)

Victor Malaysia

Swiss Machinery Import

Gibas Numeriek (Benelux)

HiMAQ (Argentina)

VictorTaichung profile:
Sales turnover: USD 218 mil's (in 2010)*
No. of employees: 1101
*Exchange rate: 1 USD=30 TWD.

THE VICTOR-TAICHUNG COMPANIES

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VictorTaichung was also marketed under the brand names VICTOR (outside North America) and FORTUNE

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