



V-TECHCANAAN

你的全方位精密機械伙伴
YOUR ULTIMATE SOLUTION IN MACHINERY

亞特迦南集團
V-TECH CANAAN GROUP

/ MACHINES / MACHINE ACCESSORIES / TOOLINGS / CUTTING TOOLS / MEASURING INSTRUMENTS /



Corporate Mission

- Provide business solutions and value-added services
- Explore new technology and lead with product innovations
- Deepen associate engagement via continuous professional development programs
- Streamline internal operations and accelerate long-term growth
- Expand into new industrial and geographical segments

Company Background

Since its incorporation in 1994, V-Tech has expanded into a market leader in the field of machinery and tools for industrial use. In 2010, the company has expanded and merged with Canaan and formed VTECH CANAAN GROUP, which is also a joint-venture with multi-national corporations from throughout the region and managed by an Executive Board with members based in Taiwan, Singapore and Malaysia. The division of The Executive Board is responsible for strategy, portfolio policy, human resource management and the monitoring of the execution of company policies among other processes.

Products And Services

Over the years, VTECH CANAAN has become an established name in the machinery tool business. Some of the most well-known and trusted brands in the industry, e.g. ARD, TWINHORN, JESSEY, KENT, YANGCNC, GENTIGER, VTECH EURO, COLCHESTER HARRISON, T-JAW, VERTEX, MITSUI SEIKI, CGM, WINMAC, RONG FU, HBS, NKO and METROLOGY are marketed by the company.

In addition to the wide range of products and services, our team of specialised engineers and sales personnel put us in an extremely good position to meet the demands of today's fast-moving businesses and to provide expert analysis and fact-based advice to our clients.

At VTECH CANAAN, we are committed to provide clients with actionable recommendations and solutions to their business needs. Our well-organised storage system also ensures sufficient spare parts in order to provide excellence after-sales service to our clients.

企業使命

- 致力提供商業方案及增值服務
- 開拓嶄新科技及領先推介創新產品
- 通過研究開發計劃以鞏固業務伙伴的聯繫
- 提昇公司內部營運效率及加速長期成長率
- 進軍全新的業界領域及地理環境以擴充業務

公司背景

自從於1994年創業以來，亞特精密機械有限公司不斷茁壯成長，迄今已擴展成為工業機械及工具領域中的市場主導。於2010年，亞特與迦南聯合，組成亞特迦南集團，並是一家偕同台灣及新加坡跨國機械工具企業所組成的合資公司，以及由台灣、新加坡及馬來西亞成員組成的執行董事局攜手管理。執行董事局負責的職務包括策略、盈利資產政策、人力資源分配與其他程序，以及監管和執行亞特迦南的政策。

產品與服務

經過歷年努力，亞特迦南如今在機械工具業已然成為家喻戶曉的穩健品牌。機械業界中深受信賴的諸多著名品牌由亞特負責行銷，其中包括 ARD, TWINHORN, JESSEY, KENT, YANGCNC, GENTIGER, VTECH EURO, COLCHESTER HARRISON, T-JAW, VERTEX, MITSUI SEIKI, CGM, WINMAC, RONG FU, HBS, NKO 以及 METROLOGY 等等。

我們備有眾多的專業工程師與營銷專員，以及系列廣泛的優質產品和卓越服務，因此我們具備極度理想的條件，以迎合節奏急速的當代商業環境的各種需求。亞特迦南具備充分能力為我們的客戶提供專家分析以及實據建議。

身為亞特迦南的成員，我們承諾致力為客戶提供適合實踐的建議及方案以迎合他們的業務需求。我們備有組織完善的貯存系統以確保各種零件存貨充足，為我們的客戶提供優越周全的售後服務。

EDM DRILL MASTER

VtechEuro



MODEL	VSD 300	VSD 350	VSD 400	VSD 450	VSD 550	VSD 600	VSD 755	VSD 640 CNC
WORK TABLE (mm)	460 X 210	600 X 300	600 X 300	600 X 300	800 X 450	800 X 450	1100 X 600	800 X 500
X AXIS TRAVEL (mm)	300	350	400	450	550	600	750	600
Y AXIS TRAVEL (mm)	200	300	300	350	400	400	500	400

EDM MASTER

ARD



MODEL	NE30	NE50	NE50L	NE75	NE100	M50CA	M60CA	M80CA	M100CA
TABLE DIMENSION(mm)	460 x 280	600 x 360	600 x 360	800 x 500	1000 x 600	600 x 360	600 x 400	1000 x 600	1600 x 800
TABLE TRAVEL(mm)	250 x 200 x 250	300 x 200 x 250	400 x 200 x 250	450 x 300 x 300	600 x 450 x 400	300 x 250 x 300	300 x 400 x 300	600 x 400 x 400	1000 x 500 x 500



VG32/43



VG53/64

MODEL	VG32F/S	VG43F/S	VG53F/S	VG64F/S
X, Y AXIS (mm)	360 x 250	400 x 300	500 x 300	600 x 400
U, V, Z AXIS (mm)	60 x 60 x 220	60 x 60 x 220	60 x 60 x 220	100 x 100 x 300
MAX. WORKING PIECE (mm)	725 x 560 x 215	725 x 600 x 215	825 x 600 x 215	910 x 700 x 295
MAX. WORKING PIECE (kgw)	300	500 / 350	550 / 400	600 / 450



RX1063F



RX1065S



RX1283S

MODEL	RX853F/S	RX1063F/S	RX1065F/S	RX1283F/S
X, Y AXIS (mm)	800 x 500	1000 x 600	1000 x 600	1200 x 800
U, V, Z AXIS (mm)	150 x 150 x 300	150 x 150 x 300	160 x 160 x 500	120 x 120 x 300
MAX. WORKING PIECE (mm)	1210 x 800 x 295	1450 x 900 x 295	1450 x 900 x 495	1550 x 1100 x 295
MAX. WORKING PIECE (kgw)	2000 / 1000	3000 / 1500	5000 / 3000	600 / 450

EDM WIRE CUT MACHINE FAST & MEDIUM WIRE DRIVE SERIES

WITMAC



DK 7720 - DK 7755B



H-Type



DK 7763 - DK 77120



C-Type / V-Type Guideway
or Linear Guideway

MODEL	DK 7720	DK 7728	DK 7735	DK 7735B	DK 7745	DK 7745B	DK 7755	DK 7755B
WORKTABLE DIMENSION (mm)	380x520	450x600	500x720	500x830	560x820	560x940	700x980	700x1150
WORKTABLE TRAVEL (mm)	230x280	380x350	350x450	350x550	450x550	450x650	550x650	550x800
MAXIMUM CUTTING THICKNESS (mm)	400	500	600	600	650	650	800	800
MAXIMUM LOAD (KG)	300	400	600	600	1000	1000	1500	1500

MODEL	DK 7763	DK 7763B	DK 7763C	DK 7770	DK 7770B	DK 7780	DK 7780B	DK 77100
WORKTABLE DIMENSION (mm)	800x1160	845x1360	845x1560	900x1560	900x1660	1000x1560	1000x1760	1200*1760
WORKTABLE TRAVEL (mm)	630x800	630x1000	630x1200	700x1200	700x1300	800x1200	800x1400	1000*1400
MAXIMUM CUTTING THICKNESS (mm)	1000	1000	1000	1000	1000	1000	1000	1100
MAXIMUM LOAD (KG)	2500	2500	2500	2700	2700	3000	4000	4000

VERTICAL HIGH SPEED MACHINING CENTER



VA 500 L3



VF 500 / VF700



MODEL	VA 500 L3	VF 500	VF 700
X AXIS (mm)	500	500	700
Y AXIS (mm)	400	380	400
Z AXIS (mm)	450	400	400
RAPID FEED RATE X,Y,Z	48000 mm/min		
TABLE SIZE (mm)	700 x 400	650 x 380	850 x 400



H SERIES

MODEL	VH 650	VH 850	VH 1010	VH 650L/L3	VH 850L/L3
X AXIS (mm)	650	850	1010	650	850
Y AXIS (mm)	500	500	500	500	500
Z AXIS (mm)	520	520	520	520	520
TABLE SIZE (mm)	800 x 450	1000 x 450	1200 x 450	800 x 450	1000 x 450

VERTICAL HIGH SPEED TAPPING CENTER

MODEL	VTT 340	VTT 540	VTT 740
X AXIS (mm)	300	500	700
Y AXIS (mm)	400	400	400
Z AXIS (mm)	330	330	330
RAPID TRAVEL SPEED	48000 mm/min		
TABLE SIZE (mm)	450 x 400	650 x 400	850 x 400



VTT 340 / 540 / 740

VERTICAL HIGH SPEED MACHINING CENTER AND FIVE AXIS MACHINING CENTER



VTJ 1480
VTJ 1680
VTJ 1880

MODEL	VTJ 1480	VTJ 1680	VTJ 1880
X AXIS (mm)	1400	1600	1800
Y AXIS (mm)	800	800	800
Z AXIS (mm)	800	800	800
TABLE SIZE (mm)	1500 x 800	1700 x 800	2000 x 800

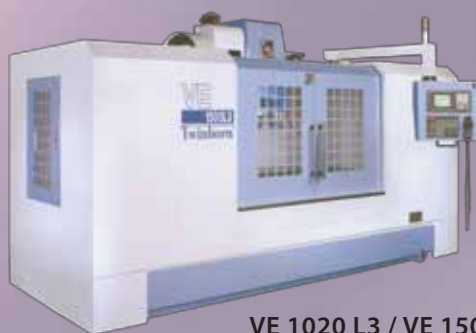


MODEL	VTH 855L3	VTH 1055L3
X AXIS (mm)	850	1020
Y AXIS (mm)	550	550
Z AXIS (mm)	510	510
TABLE SIZE (mm)	1000 x 530	1200 x 530

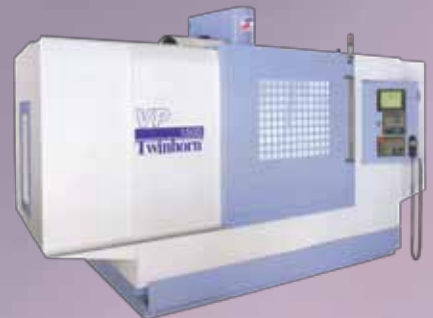
VTH 850L3
VTH 1055L3



VK 1060



VE 1020 L3 / VE 1500 L3 /



VP 1100 / 1500

MODEL	VK 1060	VE 1020 L3	VE 1500 L3	VP 1100	VP 1500
X AXIS (mm)	1020	1020	1500	1100	1500
Y AXIS (mm)	600	510	510	600	600
Z AXIS (mm)	550	510	510	600	600
TABLE SIZE (mm)	1100 x 550	1070 x 500	1570 x 500	1200 x 600	1600 x 600

COLUMN TYPE MACHINING CENTER

Twinhorn®



CNC BRIDGE TYPE MACHINING CENTER FG SERIES

TABLE SIZE FROM (mm): 2000 - 10000
TABLE TRAVEL FROM (mm): 2000 - 10000



HORIZONTAL MACHINING CENTER HT 500A

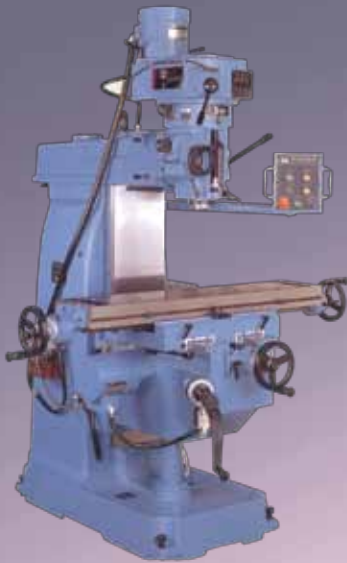
X AXIS TRAVEL (mm) : 800
Y AXIS TRAVEL (mm) : 800
Z AXIS TRAVEL (mm) : 800



GANTRY TYPE MACHINING CENTER VTG 1520

TABLE SIZE (mm) : 1640 x 2140
MA. LOAD ON TABLE (kg) : 4000
X AXIS TRAVEL (mm) : 1500
Y AXIS TRAVEL (mm) : 2000
Z AXIS TRAVEL (mm) : 800

PRECISION MILLING & HIGH SPEED CNC MILLING



VERTICAL MILLING MACHINE

MODEL	SHCM-97A	SHCM-97VS
MAX. SPINDLE SPEED (RPM)	75 - 3600	60 - 3600
TABLE AREA (mm)	1200 x 260	1200 x 260
TABLE TRAVEL (mm)	650 X 350 X 360	



VERTICAL MILLING MACHINE

MODEL	SHCM-S96RA	SHCM-S96RVS
MAX. SPINDLE SPEED (RPM)	75 - 3600	60 - 3600
TABLE AREA (mm)	1200 x 260	1200 x 260
TABLE TRAVEL (mm)	750 X 400 X 440	



HIGH SPEED MACHINING CENTER

MODEL	GT320-5AX
MAX. SPINDLE SPEED (RPM)	15000
DISTANCE FROM SPINDLE CENTRE TO MACHINE FRONT (mm)	700
TRAVEL FOR X, Y, Z-AXES (mm)	1000 x 500 x 400



HIGH SPEED MACHINING CENTER

MODEL	T15	T24B	S36B
MAX. SPINDLE SPEED (RPM)	15000	24000	36000
TABLE AREA (mm)	750 x 500	750 x 500	750 x 500
TRAVEL FOR X, Y, Z-AXES (mm)	720 x 500 x 400		



HIGH SPEED MACHINING CENTER

MODEL	T12	T15	T24B	S24B
MAX. SPINDLE SPEED (RPM)	12000	15000	24000	24000
TABLE AREA (mm)	1100 x 550			
TRAVEL FOR X, Y, Z-AXES (mm)	1000 x 600 x 500			

VERTICAL TURRET MILLING MACHINE

VtechEuro



MDV-2 & MD-2



MDV-3 & MD-3



MDV-3Q & MD-3Q



MDV-4 & MD-4



MDV-4.5 & MD-4.5



MDV-6SRH & MD-6SRH

OPTIONAL ACCESSORIES



STEP SPEED & INVERTER HEAD



STEP SPEED HEAD



STEP SPEED HEAD



GEAR TYPE POWER FEED FOR X AXIS

MODEL	MDV-2 & MD-2	MDV-3 & MD-3	MDV-3Q & MD-3Q	MDV-4 & MD-4	MDV-4.5 & MD-4.5	MDV-6SRH & MD-6SRH
TABLE SIZE (inch)	9 x 12	10 x 50	10 x 50	10 x 50	10 x 50	12 x 50
TRAVEL FOR XYZ (mm)	762 X 305 X 406	914 X 400 X 406	914 X 400 X 406	914 X 400 X 406	914 X 406 X 450	800 X 460 X 500
SPINDLE MOTOR	3HP	3HP	3HP	3HP	5HP	5HP
SPINDLE TAPER	R8 OR ISO 30	R8 OR ISO 40	R8 OR ISO 40	R8 OR ISO 40	ISO 40	ISO 40



VERTICAL MILLING MACHINE

MODEL	4S / 5S
TABLE DIMENSION(mm)	254 x 1270
TABLE TRAVEL(mm)	890 x 407 x 407



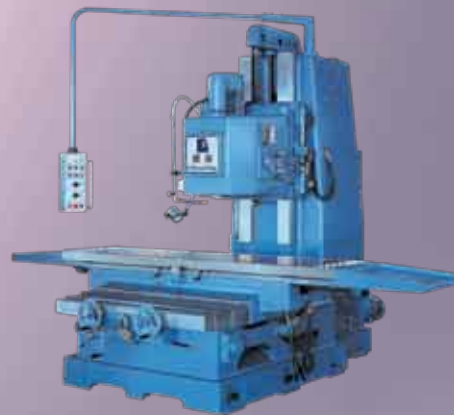
VERTICAL & HORIZONTAL MILLING MACHINE

MODEL	CY-GH230	CY-GH260	CY-GH300
TABLE DIMENSION(mm)	1050 x 230	1200 x 260	1380 x 300
TABLE TRAVEL(mm)	650 x 300 x 425	800 x 300 x 450	1000 x 360 x 500



UNIVERSAL & HORIZONTAL MILLING MACHINE

MODEL	CY-H230	CY-H260
TABLE DIMENSION(mm)	1050 x 230	1200 x 260
TABLE TRAVEL(mm)	650 x 300 x 425	800 x 300 x 450



BED TYPE VERTICAL MILLING MACHINE

MODEL	CY-G300B	CY-G420B	CY-G800
TABLE DIMENSION(mm)	1300 x 300	1300 x 420	2700 x 650
TABLE TRAVEL(mm)	1000 x 500 x 500	1200 x 650 x 650	2200 x 800 x 900



BED TYPE VERTICAL & HORIZONTAL MILLING MACHINE

MODEL	CY-VH420B
TABLE DIMENSION(mm)	1300 x 420
TABLE TRAVEL(mm)	1200 x 650 x 750



HEAVY DUTY HORIZONTAL MILLING MACHINE

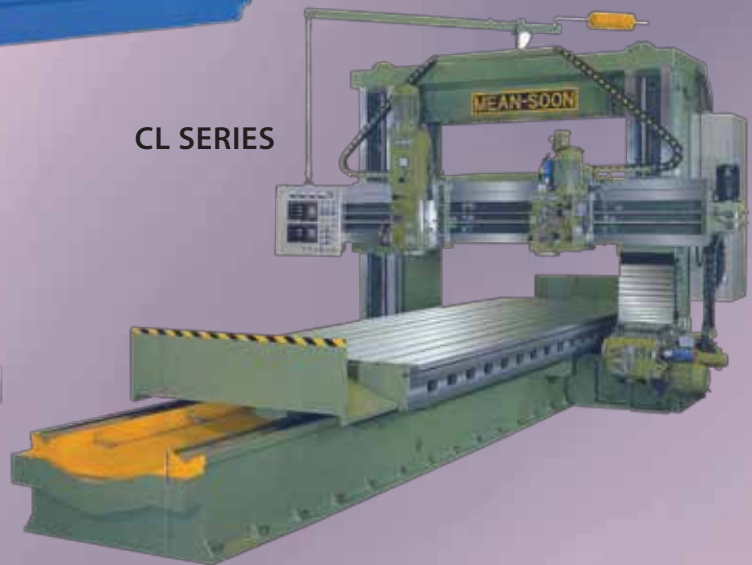
MODEL	CK-1000	CK-1500	CK-1800
TABLE DIMENSION(mm)	1600 x 1500	1600 x 1500	1600 x 2000
TABLE TRAVEL(mm)	1500 x 6000 x 1000	1500 x 4000 x 1500	2000 x 6000 x 1800



SK SERIES



SP SERIES



CL SERIES



CP SERIES

WORKING LENGTH : FROM 1500MM ONWARDS
WORKING WIDTH : FROM 1000MM ONWARDS

SURFACE GRINDING MACHINE



PRECISION SURFACE GRINDING MACHINE

MODEL	KGS-200 / KGS-616
TABLE DIMENSION (mm)	350 x 150
TABLE TRAVEL (mm)	430 x 200 x 440



PRECISION SURFACE GRINDING MACHINE WITH SEMI & FULLY AUTOMATIC AVAILABLE

MODEL	KGS-250
TABLE DIMENSION (mm)	400 x 200
TABLE TRAVEL (mm)	540 x 260 x 475



PRECISION SURFACE GRINDING MACHINE WITH SEMI & FULLY AUTOMATIC AVAILABLE

MODEL	KGS-63	KGS-84
TABLE DIMENSION (mm)	600 x 300	800 x 400
TABLE TRAVEL (mm)	710 x 340 x 600	930 x 450 x 600



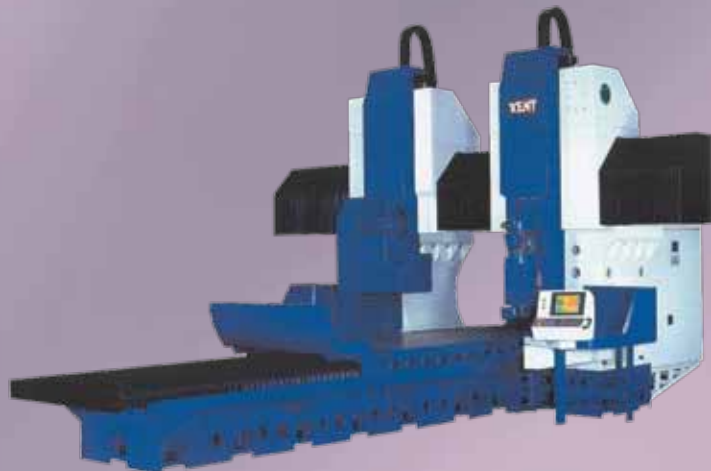
HEAVY DUTY SURFACE GRINDING MACHINE

MODEL	KGS-510	KGS-515	KGS-615	KGS-620	KGS-715
TABLE DIMENSION (mm)	1000 x 500	1500 x 500	1500 x 600	2000 x 600	1500 x 700
TABLE TRAVEL (mm)	1140 x 540 x 575	1600 x 570 x 600	1600 x 660 x 600	2230 x 660 x 600	1600 x 760 x 600



HEAVY DUTY SURFACE GRINDING MACHINE

MODEL	KGS-820	KGS-825	KGS-830	KGS-920
TABLE DIMENSION (mm)	2000 x 800	2500 x 800	3000 x 800	2000 x 900
TABLE TRAVEL (mm)	2250 x 885 x 880	2750 x 885 x 880	3250 x 885 x 880	2250 x 960 x 880



DOUBLE COLUMN SURFACE GRINDING MACHINE

MODEL	KGP-1524D	KGP-1532D	KGP-1542D
TABLE DIMENSION (mm)	1500 x 2400	1500 x 3200	1500 x 4200
TABLE TRAVEL (mm)	2500 x 2665 x 900	3300 x 2665 x 900	4300 x 2665 x 900

HANDFEED SURFACE GRINDER

VPSG 614T
VPSG 618B/T
VPSG 818B



HYDRAULIC SURFACE GRINDER

VPSG 618
1A / 2A / 3A
VPSG 820
1A / 2A / 3A

HYDRAULIC SURFACE GRINDER

VAPSG 618
1A / 2A
VPSG 820
1A / 2A



AUTO SURFACE GRINDER

VPSG 618AD
VPSG 820AD

BENCH SURFACE GRINDER (HANDFEED)

VGSG 612B



BENCH SURFACE GRINDER (HANDFEED)

VGSG 612BC
VGSG 618BC

DESCRIPTION		MODEL						
		VPSG 614	VPSG/ VAPSG 618	VPSG/ VAPSG 818	VPSG/VAPSG 618 (1A/2A/3A)	VPSG/VAPSG 820 (1A/2A/3A)	VPSG 618AD	VPSG 820AD
GENERAL CAPACITY	TABLE SIZE (mm)	150 X 355	150 X 457	200 X 457	150 X 457	200 X 508	150 X 457	200 X 508
	MAX. GRINDING LENGTH (mm)	375	475	475	475	510	475	510
	MAX. GRINDING WIDTH (mm)	160	160	200	160	210	160	210

YANG CNC LATHE MACHINE



BAR FEEDER (Option)



GANTRY ROBOT (Option)

MODEL	YLM 6	YLM 8A	YLM 8B	YLM 10A
SWING OVER BED (mm)	ø460	ø460	ø700	ø700
SWING OVER CROSS SLIDE (mm)	ø208	ø495	ø495	ø495
STANDARD TURNING DIA. (mm)	ø200	ø200	ø495	ø495
MAX. TURNING DIA. (mm)	ø380	ø380	ø700	ø700
MAX. TURNING LENGTH (mm)	ø410	ø390	ø600	ø586
SPINDLE BORE (mm)	56	62	62	90
DISTANCE BETWEEN CENTRE (mm)	ø525	ø525	ø710	ø710



The ergonomically rotating control panel box design provides convenient use



The unique push buttons with pellucid LCD back lights display makes operate easily

PRECISION HIGH SPEED LATHE

VtechEuro



FM 430 / 480 / 500



FM 740 / 760



FM 530 / 560



FM 660



FM 760 / 870

MODEL	FM 430	FM 480	FM 500	FM530	FM560	FM660	FM740	FM760	FM870
SWING OVER BED (mm)	430	470	500	520	560	660	740	760	870
CENTER'S HEIGHT (mm)	215	235	250	260	280	330	370	380	435
SWING OVER GAP (mm)	650	690	730	740	788	890	960	990	1100
SWING OVERCROSS SLIDE (mm)	240	280	280	330	340	440	520	540	590
CENTER'S DISTANCE (mm)	500 - 3960								
SPINDLE BORE (mm)	58 opt 78	58 opt 78	58 opt 78	78	85 opt 115	85 opt 115	104	115	115

CONVENTIONAL & ELECTRONIC LATHE MACHINE

JESSEY®



MODEL	PRINCE		STUDTURN	
	1330	1340	1430	1440
SWING OVER BED(mm)	330	330	360	360
SWING OVER CROSS SLIDE(mm)	190	190	215	215
DISTANCE BETWEEN CENTRES(mm)	750	1000	750	1000
SPINDLE BORE(mm)	35	35	42	42



MODEL	1550ENC	1650ENC	1850ENC
SWING OVER BED(mm)	390	400	460
SWING OVER CROSS SLIDE(mm)	240	245	295
DISTANCE BETWEEN CENTRES(mm)	1250	1250	1250
SPINDLE BORE(mm)	54	54	54



MODEL	CHAMPION			MAJOR
	1530	1540	1550	1840 - 22120
SWING OVER BED(mm)	390	390	390	460 - 560
SWING OVER CROSS SLIDE(mm)	240	240	240	290 - 390
DISTANCE BETWEEN CENTRES(mm)	760	1000	1250	1840 - 3000
SPINDLE BORE(mm)	54	54	54	80



MODEL	2060ENC	2260ENC	2660ENC	3060ENC
SWING OVER BED(mm)	510	560	660	760
SWING OVER CROSS SLIDE(mm)	340	390	460	560
DISTANCE BETWEEN CENTRES(mm)	1500 - 4000			
SPINDLE BORE(mm)	80	80	105	105



MODEL	GENERAL	
	2660 - 26160	3060 - 30160
SWING OVER BED(mm)	660	760
SWING OVER CROSS SLIDE(mm)	460	560
DISTANCE BETWEEN CENTRES(mm)	1500 - 4000	
SPINDLE BORE(mm)	105	



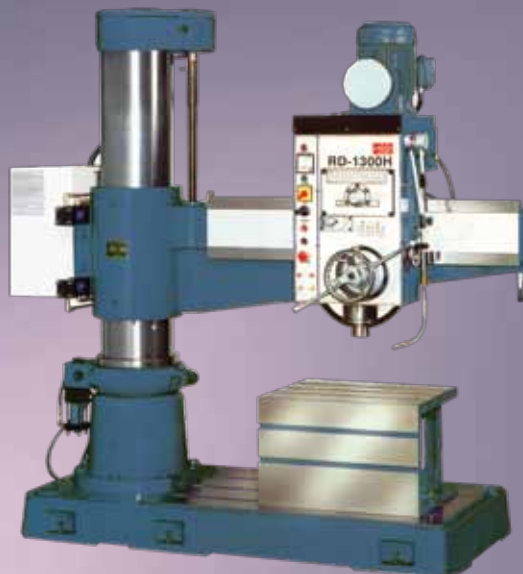
MODEL	RHL-960	RHL-1120
SWING OVER BED(mm)	960	1120
DISTANCE BETWEEN CENTRES(mm)	2000 - 5000	
MAX. CUTTING LENGTH(mm)	2000 - 5000	

RADIAL DRILLING MACHINE

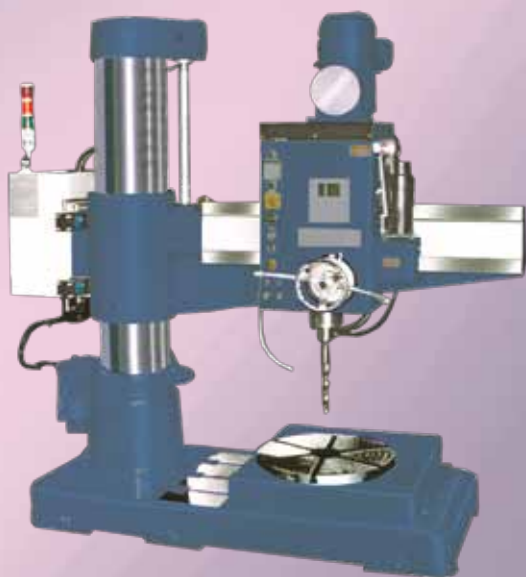
VtechEuro



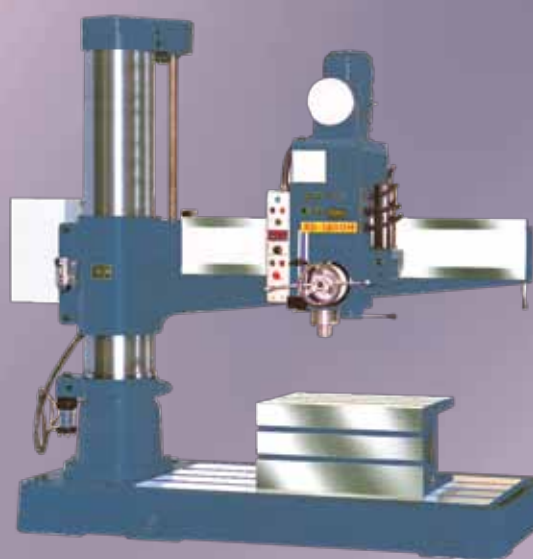
**VRD-750S / VRD-900S
VRD-1100S**



**VRD-1280H
VRD-1300H / 1700H**



VRD-1300NC



VRD-1600H

ITEM		MODEL	VRD-750S	VRD-900S	VRD-1100S	VRD-1280H	VRD-1300NC	VRD-1300H	VRD-1600H	VRD-1700H
CAPACITY	DRILLING	STEEL	Ø38(1½")	Ø38(1½")	Ø50(2")	Ø50(2")	55	55	55	55
		CASTIRON	Ø50(2")	Ø50(2")	Ø60(2¾")	Ø60(2¾")	66	66	66	66
	TAPPING	STEEL	Ø19(¾")	Ø19(¾")	Ø25(1")	Ø25(1")	M50	M50	M50	M50
		CASTIRON	Ø25(1")	Ø25(1")	Ø32(1¼")	Ø32(1¼")	M60	M60	M60	M60
	BORING	STEEL	§75(3")	Ø75(3")	Ø85(3¾")	Ø85(3¾")	100	100	126	126
		CASTIRON	Ø105(4¼")	Ø105(4¼")	Ø120(4¾")	Ø120(4¾")	175	175	186	186

VERTICAL BANDSAW

VtechEuro



360D



400D



450D

VERTICAL VARIABLE SPEED BANDSAW WITH AUTO-SLIDING TABLE

MODEL	360D	400D	450D	500D	600D	700D
HEIGHT UNDER GUIDE (mm)	165	215	215	330	274	325
THROAT, BAND TO COLUMN (mm)	360	400	450	510	600	715
SIZE OF TABLE (mm)	565 x 500	600 x 560	565 x 500	740 x 680	740 x 680	740 x 680
TABLE STROKE (mm)	235	260	235	320	320	320



500D



600D



700D



1000D

MODEL	1000D
HEIGHT UNDER GUIDE (mm)	325
THROAT, BAND TO COLUMN (mm)	1010
SIZE OF MAIN TABLE (mm)	740 x 680
TILT, MAIN TABLE	5° R, 5° L
TABLE STROKE, MAIN TABLE (mm)	320

MILLING & DRILLING MACHINE



RF 25



RF 400



RF 40



RF 40S2F



RF 400



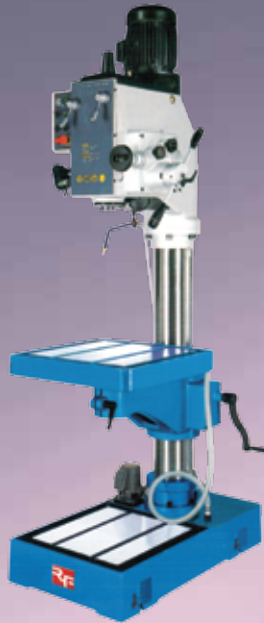
RF 45

MODEL	RF 25	RF 31	RF 400	RF 40	RF 40HC	RF 46SF	RF 45
TABLE SIZE (mm)	585x190	730x210	585x190	730x210	585x190	555x495	820x240
LONGITUDINAL TRAVEL (mm)	380	460	380	460	380	-	520
CROSS TRAVEL (mm)	150	190	180	230	180	-	210
WORKING CAPACITY							
IN MILD STILL	DRILLING (mm)	25	32	32	40	40	40
	FACE MILL (mm)	76	76	76	100	100	100
	END MILL (mm)	20	20	20	20	20	25
(OPTIONAL)	TAPPING (mm)	16	16	16	20	20	22
IN LIGHT ALLOY (mm)	25	32	32	40	40	50	40

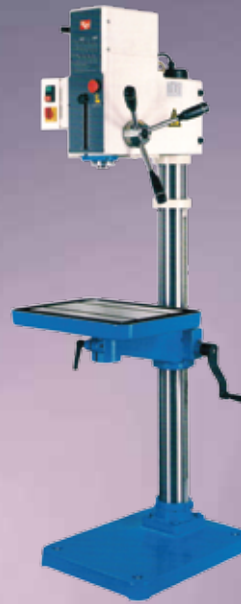
MILLING & DRILLING MACHINE



RF 40VN2F



RF 500



RF 205



RF 43SF



RF 35



RF 19

MODEL	RF 19
TABLE SIZE (mm)	420x470 300x350
SPINDLE NOSE TO TABLE (mm)	670
SPINDLE NOSE TO BASE (mm)	1225
QUILL DIAMETER (mm)	ø55
WORKING CAPACITY	
IN MILD STILL DRILLING (mm)	28
(OPTIONAL) TAPPING (mm)	16

MODEL	RF 40VN2F	RF 45VN2F	RF 500	RF 205	RF 43	RF 35
TABLE SIZE (mm)	730x210	820x240	(S)600x600 (C)820x240	(S)505x405 (C)585x190	(S)505x405 (C)600x300	550x500
LONGITUDINAL TRAVEL (mm)	460	520	460	460	380	380
CROSS TRAVEL (mm)	230	210	280	230	180	-
WORKING CAPACITY						
IN MILD STILL DRILLING (mm)	40	40	50	-	-	-
FACE MILL (mm)	100	100	100	-	-	-
END MILL (mm)	20	20	25	-	-	-
(OPTIONAL) TAPPING (mm)	20	20	33	-	-	-
IN LIGHT ALLOY (mm)	40	40	50	-	-	-

LIGHT DUTY BANDSAW



RF 128
5"x6" STEP PULLEY



RF 712
7"x12" STEP PULLEY /
GEARED DRIVE



RF 812
8"x12" STEP PULLEY



RF 912
9"STEP PULLEY



RF 916
9"x16" STEP PULLEY /
VARIABLE SPEED



RF 1018
10"x18" STEP PULLEY /
VARIABLE SPEED

CUTTING CAPACITY

MODEL	RF 128		RF 128HRD		RF 712		RF 812	
X° (mm)	○	▭	○	▭	○	▭	○	▭
0°	125	115x150	128	128x150	178	178x305	200	178x305
45°	76	76x115	95	75x95	127	120x125	127	120x125
60°	-	-	44	44x56	-	-	-	-

MODEL	RF 912		RF 916		RF 1018		RF 1018SRV	
X° (mm)	○	▭	○	▭	○	▭	○	▭
0°	229	178x305	229	406x127	254	127x468	254	254x430
45°	150	127x150	229	241x203	150	175x239	240	220x240

HEAVY DUTY / SEMI-AUTO BANDSAW



RF 250S
10"x18" 2 WAY SWIVEL
VARIABLE SPEED



RF 330RVAA
(SEMI-AUTO SAW BOW LIFTING
& HYDRAULIC VISE)
SWIVEL BASE, VARIABLE SPEED



RF 300
(SEMI-AUTO SAW BOW
LIFTING & HYDRAULIC VISE)
VARIABLE SPEED (OPTIONAL)



RF 500

CUTTING CAPACITY

MODEL	RF 335			RF 335RVAA			RF 250S		
X° (mm)	○	▭	□	○	▭	□	○	▭	□
0°	330	127x483	305x305	330	225x530	330x330	254	76x458	254x254
45°	305	229x305	280x280	275	275x300	275x275	254	254x280	254x254
60°	-	-	-	-	-	-	204	127x204	178x178

MODEL	RF 330N			RF 205			RF 300		
X° (mm)	○	▭	□	○	▭	□	○	▭	□
0°	330	127x458	305x305	330	330x457	-	300	300x500	300x300
45°	305	229x305	280x280	280	330x280	-	-	-	-
60°	204	178x204	-	175	250x175	-	-	-	-

MODEL	RF 500		
X° (mm)	○	▭	□
0°	508	600x508	508x508
45°	508	590x260	508x508
60°	380	460x360	380x380

CIRCULAR SAW & HYDRAULIC PRESS



CUTTING CAPACITY

MODEL		RF 225CS	RF 250CS	RF 315CS	RF 350CS
(mm)					
X°					
45°	●	25	35	70	75
	○	60	65	90	100
	□	60x60	58x58	80x80	85x85
	▭	65x50	70x50	85x70	85x70
90°	●	30	40	80	85
	○	65	75	100	120
	□	65x65	65x65	90x90	105x105
	▭	80x55	90x50	115x70	160x90

RF 315CS
(STAND IS OPTIONAL)



RF 20SHP
ECONOMY HYDRAULIC PRESS



RF 60E
AUTOMATIC HYDRAULIC PRESS

MODEL	PACKING	N.WEIGHT	G.WEIGHT	CUFT
RF 15AHP	WOODEN CRATE	196KG	226KG	25'
RF 35AHP	WOODEN CRATE	320KG	380KG	37'
RF 20SHP	WOODEN CRATE	155KG	185KG	27'4"
RF 60E	WOODEN CRATE	956KG	1076KG	174'

PORTABLE ELECTROMAGNETIC AUTOMATIC DRILL & TAPPING MACHINE

VtechEuro



MODEL	MTM 16	MTM 25	MTM 300	MTM 922A	MTM 930A	MTM 940
DRILL CAPACITY (mm)	3ø - 20ø	3ø - 25ø	3ø - 25ø	6ø - 22ø	6ø - 32ø	16ø - 38ø
TAPPING CAPACITY (mm)	5ø - 16ø	10ø - 22ø	10ø - 22ø	10ø - 22ø	10ø - 30ø	16ø - 38ø
FEEDING STROKE (mm)	100	100	100	100	100	130
BODY STROKE (mm)	100	100	100	150	150	200
ELECTRO MAGNETIC (mm)	190 X 85	2000 X 112	200 X 112	126 X 240	135 X 280	155 X 280
ELECTRO MAGNETIC FORCE	900kgs	1500kgs	1500kgs	2000kgs	2500kgs	3000kgs



MODEL	C 250	C 250H	C 300	C 3000H
DRILL CAPACITY (mm)	3ø - 25ø	3ø - 25ø	3ø - 25ø	3ø - 25ø
TAPPING CAPACITY (mm)	10ø - 22ø	10ø - 22ø	10ø - 22ø	10ø - 22ø
FEEDING STROKE (mm)	100	100	100	100
BODY STROKE (mm)	100	100	100	100
DIAMETER OF TABLE (mm)	325	330	325	330

**COMPOUND TYPE
OF TABLE LATHE
MINI MILLING
MACHINE**



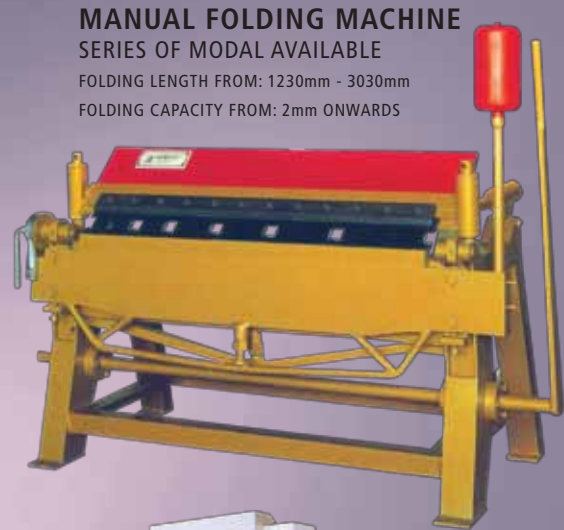
**METAL CUTTING TABLE LATHE
VARIABLE SPEED**



MODEL	CH 350 / CH 350LMA / CH 350LM
NORMINAL SIZE (mm)	SWING OVER BED: 180
	SWING OVER CROSS SLIDE: 100
	DISTANCE BETWEEN CENTER: 350



NC / CNC HYDRAULIC GUILLOTINE SHEAR
 SERIES OF MODAL AVAILABLE
 SHEARING LENGTH FROM: 1550mm - 6100mm
 MAX. THICKNESS FROM: 4mm - 25mm



MANUAL FOLDING MACHINE
 SERIES OF MODAL AVAILABLE
 FOLDING LENGTH FROM: 1230mm - 3030mm
 FOLDING CAPACITY FROM: 2mm ONWARDS

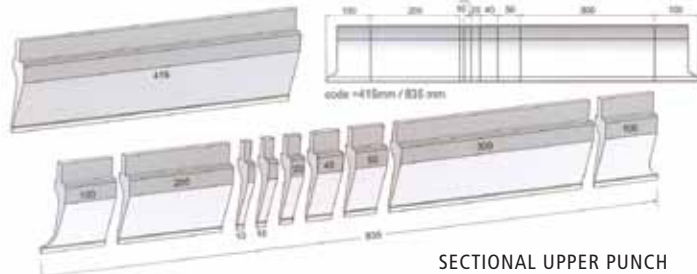
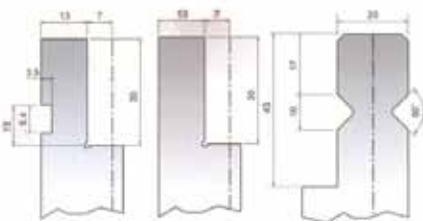
HYDRAULIC FOLDING MACHINE
 SERIES OF MODAL AVAILABLE
 FOLDING LENGTH FROM: 1230mm - 6000mm
 FOLDING CAPACITY FROM: 2mm ONWARDS



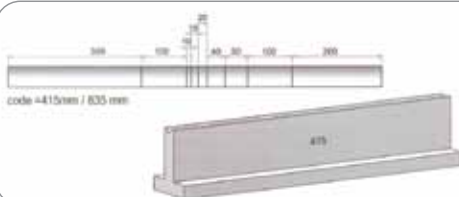
UNIVERSAL HYDRAULIC PRESS BRAKE
 SERIES OF MODAL AVAILABLE
 TABLE LENGTH FROM: 1260mm - 2000mm
 CAPACITY FROM: 3.2mm ONWARDS

TOOLING FOR PRESS BRAKE

DIE TONGUES



SECTIONAL UPPER PUNCH



SECTIONAL DIE



GRINDING MACHINE



CENTER HOLE GRINDING MACHINE

JHG-1510

MODEL	JHG-1510
RANGE OF CLAMPING (mm)	Ø5 - Ø125
RANGE OF LENGTH (mm)	50 - 1000
MAX. WEIGHT OF WORKPIECE (KG)	140



INTERNAL GRINDER

JHI-150NC

MODEL	JHI-150NC	JHI-150CNC
RANGE OF I.D.GRINDING (mm)	Ø6 - Ø150	Ø6 - Ø150
MAX. GRINDING DEPTH (mm)	150	150
MAX. HOLDING LENGTH (mm)	200	200
SWING IN CHUCK GUARD (mm)	280	-



JHU-27



JHU-27 NC

CYLINDRICAL / UNIVERSAL GRINDING MACHINE

MODEL	JHU-2706 H/NC	JHU-2710 H/NC	JHU-2715 H/NC	JHU-3506 H/NC	JHU-3510 H/NC	JHU-3515 H/NC	JHU-2706 CNC
MAX. Ø WORK SWING (mm)	270	270	270	350	350	350	270
MAX. GRINDING LENGTH (mm)	600	1000	1500	600	1000	1500	600
MAX. GRINDING DIAMETER (mm)	250	250	250	330	330	330	250
MAX. JOB WEIGHT (KG)	70	130	130	70	130	130	70

MODEL	JHU-2710 CNC	JHU-3506 CNC	JHU-3510 CNC
MAX. Ø WORK SWING (mm)	270	350	350
MAX. GRINDING LENGTH (mm)	1000	600	1000
MAX. GRINDING DIAMETER (mm)	250	330	330
MAX. JOB WEIGHT (KG)	130	70	130

JHU-27 CNC



JHC-18 S



CENTERLESS GRINDING MACHINE

MODEL	JHC 18 / 18S	JHC 18A / 18AS	JHC 18B / 18BS
STANDARD WORK REST (dia.)	Ø1 - Ø50mm	Ø1 - Ø50mm	Ø1 - Ø50mm
SPECIAL WORK REST (dia.)	Ø40 - Ø100mm	Ø40 - Ø100mm	Ø40 - Ø100mm

MODEL	JHC 20	JHC 2408-150S	JHC 2412-150S
STANDARD WORK REST (dia.)	Ø1 - Ø50mm	Ø2 - Ø60mm	Ø2 - Ø60mm
SPECIAL WORK REST (dia.)	Ø40 - Ø100mm	Ø50 - Ø150mm	Ø50 - Ø150mm



**5-AXES CONTROL
VERTICAL MACHINING CENTER**

MODEL	550
X AXIS (mm)	550
Y AXIS (mm)	600
Z AXIS (mm)	500
TABLE SIZE (mm)	700 x 600



**LINEAR MOTOR DRIVE
HIGH-SPEED PRECISION CENTER**

MODEL	VL30
X AXIS (mm)	200
Y AXIS (mm)	300
Z AXIS (mm)	200
TABLE SIZE (mm)	300 x 400

JIG BORER

MODEL	6CN II
X AXIS (mm)	1020
Y AXIS (mm)	760
Z AXIS (mm)	300
TABLE SIZE (mm)	1280 x 960



JIG GRINDER

MODEL	300G
X AXIS (mm)	500
Y AXIS (mm)	300
TABLE SIZE (mm)	700 x 350



EXTERNAL THREAD GRINDER

MODEL	GSE 100A
SWING OVER TABLE (mm)	ø480
DISTANCE BETWEEN CENTER (mm)	1250
MAX. SCREW LENGTH (mm)	1000
TABLE STROKE (mm)	1150



INTERNAL THREAD GRINDER

MODEL	GSN 180iS
SWING OVER TABLE (mm)	ø480
MAX. SCREW LENGTH (mm)	180
MAX. TILT ANGLE	±10
TABLE STROKE (mm)	400

FIBER LASER & ELECTRIC MARKING MACHINE



Laser Power (20W, 30W, 50W), Marking Area (65X65)mm or (110X110) or (175X175)mm



Electric, Nameplate Pneumatic Marking Machine (3 Axis), Marking Area (110X80)mm or (150X100) or (150X150) or (200X200)mm



EDM Machine,
(Taps, Drill, Screw) Remover

3D Fiber Laser Marking Machine

CO₂ Laser Marking Machine,
Laser Power (10W, 30W, 55W, 100W)

Ultraviolet Laser Marking Machine,
Laser Power (3W, 5W)



Electric Engraving Pen

Electro-Chemical
Marking Machine (B-730)

Magnetic Chip Remover



Rotary Clamp
(HBS-810A)

Rotary Clamp
(HBS-810B)

Rotary Clamp
(HBS-810C)

Electrical
Rotary Clamp
(HBS-810G)

Rotary Platform
(HBS-810D)

Lifting Platform
(HBS-810E)

Flat Surface
Clamp-Pneumatic
(HBS-810F)

Horizontal-Reciprocating
Platform (HBS-810H)

With H-24 positioning blocks

H-24 Chuck Series Contents

	HM-65E for Milling	P5
	HM-80E for Milling	P5
	HL-110E for Milling, Lathe	P5
	HW-128E Milling, Wire Cut EDM	P5
	HE-65E for EDM	P6
	SE-65E for EDM	P6

Drawbar

	PE-20A for Cut EDM	P13
	PE-20M for Milling, Lathe	
	PE-20W for Wire Cut EDM	

Accessories

	M106 EDM Accessories	P13
	B98 Fixing Plate	P13
	HE-75/100 Adjusting Head	P14
	ST-164 Calibrating Block	P14
	ST-165 Calibrating Block	P14

	QM-68E for Milling	P6
	QM-98E for Milling	P6
	QL-110E for Milling, Lathe	P8
	QW-128E Milling, Wire Cut EDM	P8
	QE-84E for Milling, EDM	P8
	QE-88E for Milling, EDM	P8

Electrode

	54D-25 Aluminum Electrode	
	54O-25 Aluminum Electrode	
	54H-15~32 Aluminum Electrode	
	54U-15~32 Aluminum Electrode	
	54T-33 Aluminum Electrode	
	82T-35 Aluminum Electrode	
	CT-40 Stainless Electrode	

	ST-166,166S Calibrating Cylinder	P14
	SB-101 Ball Coordinate	P15
	SB-102 Regular Edge Finder	
	SB-104 Activity Edge Finder	P15
	STC-1 Edge Finder	
	STC-2 360° Edge Finder	P15

	AE-88E/E6 for Milling, EDM	P10
	AE-88EW for Milling, EDM	P10
	AE-88EBW for Milling, EDM	P10
	AE-88EC for Milling, EDM	P10
	AM-100E for Milling	P11
	AM-100EC for Milling	P11

	AT-12T/16T/20T Electrode Center for EDM	P11
	Fixing plate and Chip Cover Ring	P11

	CG-ER32 Jig Chuck	P15
	ER32-AL Aluminum Jig Chuck	
	ER32-CT Steel Jig Chuck	P15
	ER-H41 Tool Holder	P15

電著銼刀-FA series



Electroplated diamond file

電著銼刀-MTP, MTF series



Electroplated diamond file

金屬結合銼刀



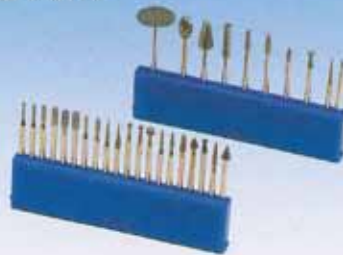
Sintered diamond file

超級纖維油石



Ceramic fiber stone

鑽石磨棒



Diamond mounted point

帶柄砂輪



Abrasive mounted point

ULTRASONIC LAPPING MACHINE



AR-108 ECONOMIC TYPE



AR-303 DUAL FUNCTION TYPE



U-LAP 106 ECONOMIC TYPE

AIR GLINDERS



UG-400 ECONOMIC TYPE



GP-522 ANGLE SURFACE GLINDER



UG-300 DUAL COLLET TYPE



UG-600 HEAVY DUTY TYPE

ELECTRIC HAND TOOLS

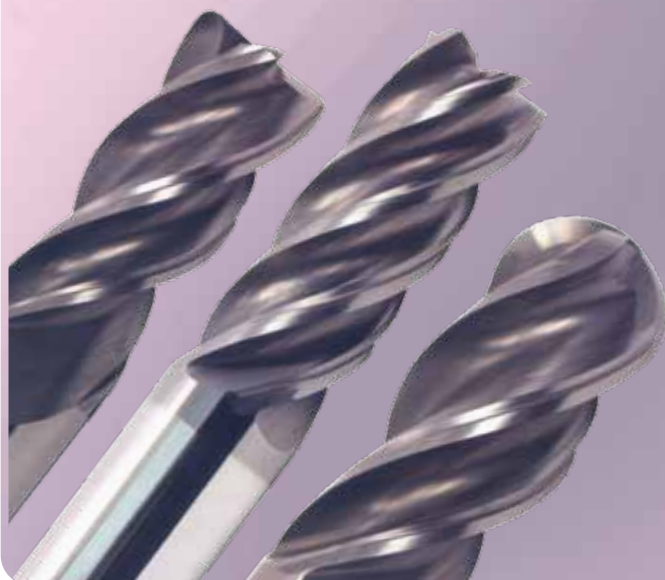
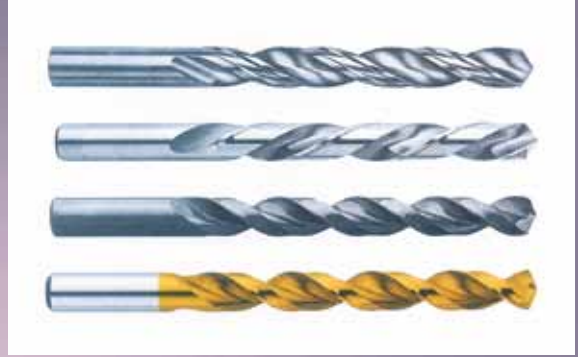
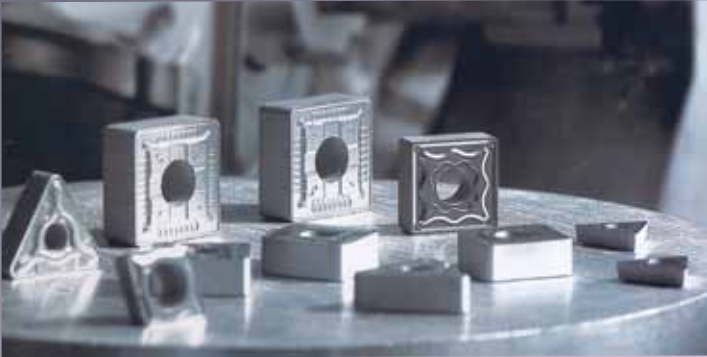


UTR-20 MICRO STROKE TURBO



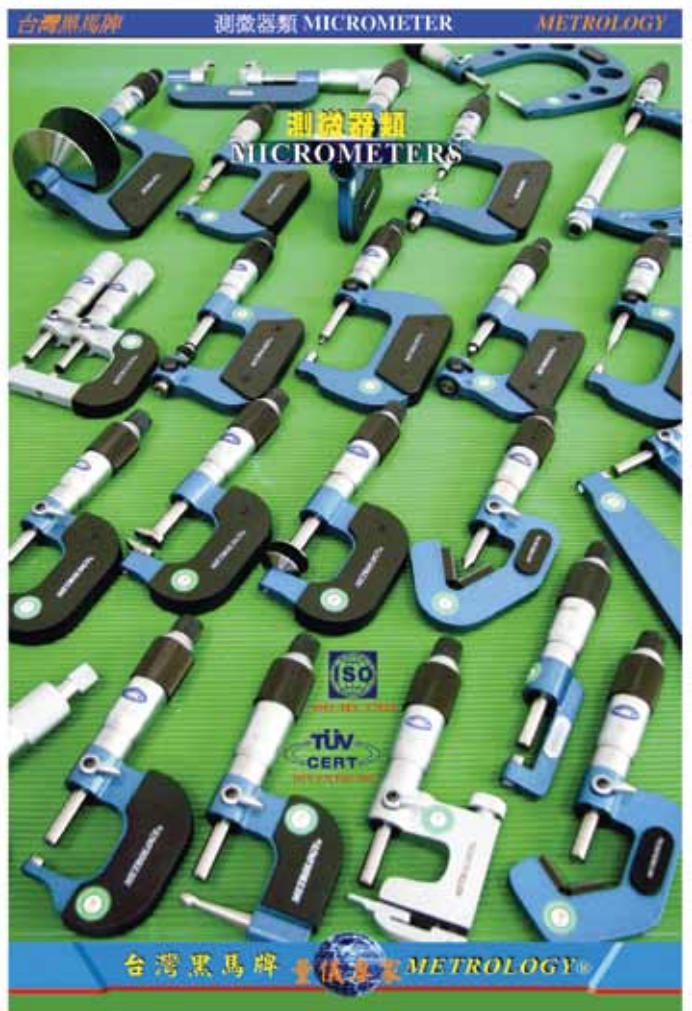
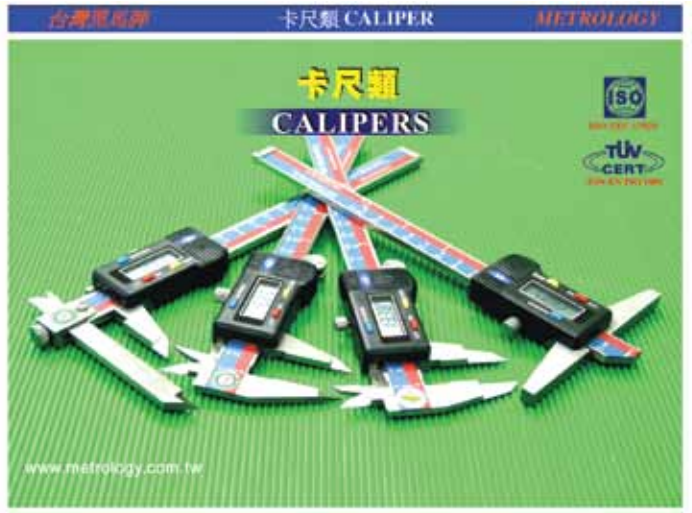
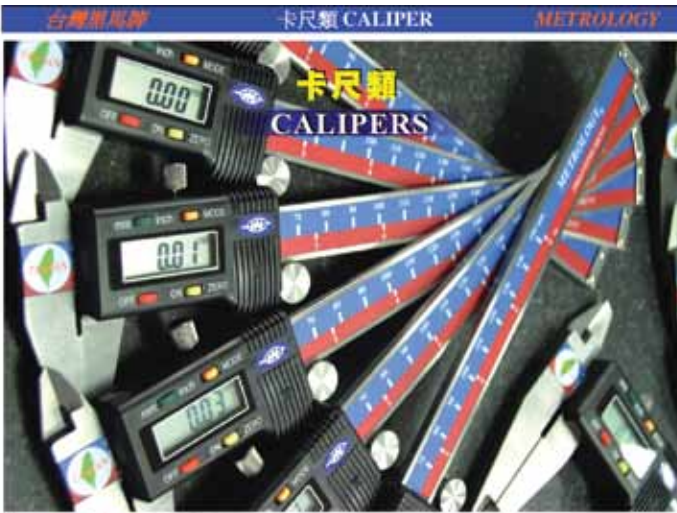
US-70, US-100 SWING





MEASURING EQUIPMENTS

METROLOGY



台灣黑馬牌 測微器類 MICROMETER METROLOGY

電子測微器類

ELECTRONIC MICROMETERS



www.metrology.com.tw

台灣黑馬牌 METROLOGY

ISO
9001:2015
TUV
CERT
METROLOGY

台灣黑馬牌 測微器類 MICROMETER METROLOGY

三點式內徑量規

THREE POINT INSIDE MEASURING GAUGES



www.metrology.com.tw

台灣黑馬牌 METROLOGY

ISO
9001:2015
TUV
CERT
METROLOGY

台灣黑馬牌 測微器類 MICROMETER METROLOGY

測微器頭

MICROMETER HEAD



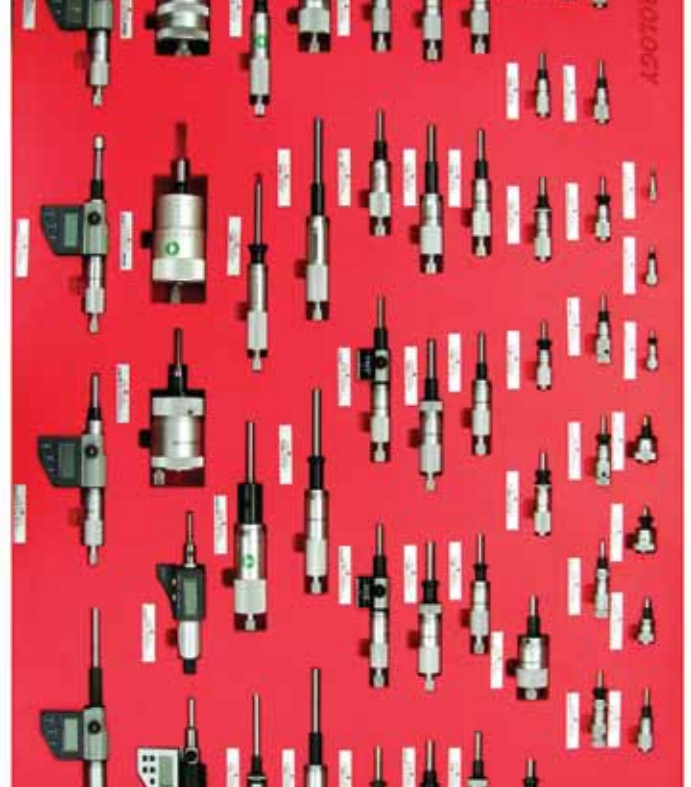
www.metrology.com.tw

台灣黑馬牌 METROLOGY

ISO
9001:2015
TUV
CERT
METROLOGY

台灣黑馬牌 測微器類 MICROMETER METROLOGY

展示組 DEMO SET



www.metrology.com.tw

台灣黑馬牌 METROLOGY

ISO
9001:2015
TUV
CERT
METROLOGY

台灣黑馬牌 指示量表類 DIAL INDICATOR METROLOGY

量表類
DIAL INDICATORS

www.metrology.com.tw

台灣黑馬牌 量儀專家 METROLOGY

台灣黑馬牌 指示量表類 DIAL INDICATOR METROLOGY

量表類
DIAL INDICATORS

www.metrology.com.tw

台灣黑馬牌 量儀專家 METROLOGY

台灣黑馬牌 指示量表類 DIAL INDICATOR METROLOGY

高度計
HEIGHT GAGES

www.metrology.com.tw

台灣黑馬牌 量儀專家 METROLOGY

台灣黑馬牌 光學類 OPTICAL METROLOGY

光學檢測系統
OPTICAL INSPECTION & MEASURING SYSTEM

www.metrology.com.tw

台灣黑馬牌 量儀專家 METROLOGY

MEASURING EQUIPMENTS

METROLOGY

台灣黑馬牌 量規類 GAUGE & TOOL METROLOGY

量規類 GAUGES

ISO 9001:2015

www.metrology.com.tw

TUV CERT

台灣黑馬牌 量儀專家 METROLOGY

台灣黑馬牌 量規類 GAUGE & TOOL METROLOGY

量規類 GAUGES

ISO 9001:2015

TUV CERT

台灣黑馬牌 量儀專家 METROLOGY

台灣黑馬牌 量儀類 INSTRUMENT METROLOGY

量儀類 INSTRUMENT

數位顯微鏡 Digital Microscope

電子卡尺 Electronic Caliper Measuring Instrument

影像量測儀 Image Measuring Instrument

精密量規 Precision Gauge

高精度電子秤 High Precision Electronic Scale

自動式分度儀 Automatic Dividing Head

三軸座標量測機 3-Axis Coordinate Measuring Machine

ISO 9001:2015

TUV CERT

www.metrology.com.tw

台灣黑馬牌 量儀專家 METROLOGY

台灣黑馬牌 量儀類 INSTRUMENT METROLOGY

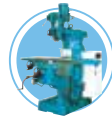
影像量測儀 Image Measuring Instrument

METROLOGY 台灣黑馬牌

台灣黑馬牌 量儀專家 METROLOGY



<p>A01 Horizontal/Vertical Rotary Table</p>  <p>HV-4-12</p>	<p>A02 Rotary Table Special Accessories</p>  <p>DP-1-5</p>	<p>A03 Tilting Rotary Tables</p>  <p>VUT-6-12</p>	<p>A04 Semi-Universal Dividing Head</p>  <p>BS-0, 1</p>	<p>A05 Universal Dividing Head</p>  <p>BS-2</p>
<p>A06 Super Indexing Spacer</p>  <p>CS-6,8</p>	<p>A07 Simple Indexing Spacer</p>  <p>CC-12</p>	<p>A08 Precision Index Table</p>  <p>VIT-</p>	<p>A09 Economical Type Rapid Index</p>  <p>VSI-4-5</p>	<p>A09 Simple Rotary Chuck</p> <p>NEW</p>  <p>VSR-6,8</p>
<p>A09 Precision Universal Angle Chuck</p> <p>NEW</p>  <p>VUA-100J</p>	<p>A10 Universal Tilting Rotary Table</p>  <p>VU-100-200</p>	<p>A10 Universal Tilting Rotary Table</p>  <p>VU-300</p>	<p>A11 Hydraulic Machine Vise</p>  <p>VH-4-8 VH-8L</p>	<p>A12 Tilting Hydraulic Machine Vise</p>  <p>VHT-4,6</p>
<p>A12 Universal Tilting Hydraulic Machine Vise</p> <p>NEW</p>  <p>VHT-4U,6U</p>	<p>A13 Ang-Fixed Vise</p>  <p>VA-4-8</p>	<p>A14 K-Type Milling Vise</p>  <p>VK-4-8</p>	<p>A15 Super Open Vise</p>  <p>VJ-600</p>	<p>A15 2-Way Angle Milling Vise</p>  <p>VWT-4B,6B</p>
<p>A16 3-Way Angle Milling Vise</p>  <p>VW-3-5</p>	<p>A16 2-Way Machine Vise</p>  <p>VWT-5,6A</p>	<p>A17 Self Centering Vise</p> <p>NEW</p>  <p>VCV-</p>	<p>A17 U/N Work Stopper</p>  <p>VWS-123,125</p>	<p>A17 Universal Vise Jaws With Work Stopper</p>  <p>VWSJ-</p>
<p>A18 Modular Precision Machine Vise</p>  <p>VMP-</p>	<p>A19 Modular Precision Hydraulic Machine Vise</p> <p>NEW</p>  <p>VMP-</p>	<p>A20 Modular Machine Free Vise</p>  <p>VMP-</p>	<p>A20 Quick Long Distance Clamping Vise</p> <p>NEW</p>  <p>VLO-100</p>	<p>A20 Prisma Jaw</p>  <p>VWS-</p>
<p>A21 Lock-Fixed II Precision Machine Vise</p>  <p>VMC-4,6</p>	<p>A21 Compound Precision Vise</p> <p>NEW</p>  <p>VCV-44</p>	<p>A22 Hydraulic Machine Vise</p>  <p>VHO-</p>	<p>A22 Double Clamp Vise</p>  <p>VMC-6D</p>	<p>A23 MC Power Vise</p> <p>NEW</p>  <p>VQC-</p>
<p>A27 MC Power Vise Hydraulic Type</p> <p>NEW</p>  <p>VQC-</p>	<p>A29 MC Power Vise</p> <p>NEW</p>  <p>VQC-</p>	<p>A29 MC Power Vise Hydraulic Type</p> <p>NEW</p>  <p>VQC-</p>	<p>A30 Upright MC Power Vise</p> <p>NEW</p>  <p>VQC-</p>	<p>A30 Combination MC Power Free Vise</p> <p>NEW</p>  <p>VQC-</p>



<p>A31 NC Hydro Machine Vice Vice NEW</p>  <p>VNC-</p>	<p>A33 Precision pneumatic Ang-Fixe Power Vice</p>  <p>VMC-</p>	<p>A34 Quick Setting Vice</p>  <p>VQS-3-5</p>	<p>A34 Machine Vice for Shaping & Milling Use</p>  <p>VSM-</p>	<p>A35 V-Type Milling Vice</p>  <p>VBV-4-6</p>
<p>A35 Free Vice</p>  <p>FV-SV-</p>	<p>A35 T Slot Clamps NEW</p>  <p>CK-</p>	<p>A36 52-Pc Steel Clamping Kit</p>  <p>CK-</p>	<p>A36 Individually Parts T-Slot Nut</p> 	<p>A37 Coupling Nut</p> 
<p>A37 Flange Nut</p> 	<p>A38 Clamping Studs</p> 	<p>A39 Step Clamp</p> 	<p>A39 Step Block</p> 	<p>A39 C-Clamp Cast Steel NEW</p>  <p>VCL-</p>
<p>A39 Steel Bench Vis Without Base NEW</p>  <p>BVV-</p>	<p>A40 Ground Parallels</p>  <p>VP-100</p>	<p>A40 Ground Parallels</p>  <p>VP-118A</p>	<p>A40 Ground Parallels</p>  <p>VP-128A</p>	<p>A41 Precision Parallels</p>  <p>VP-136</p>
<p>A41 VP-018 Thin Type Parallels Set</p>  <p>VP-018</p>	<p>A41 VP-163 Precision Parallels</p>  <p>VP-163</p>	<p>A41 VP-064 Precision Parallels</p>  <p>VP-064</p>	<p>A42 VP-050 Precision Parallels</p>  <p>VP-050</p>	<p>A42 VP-033 Precision Parallels</p>  <p>VP-033</p>
<p>A42 VP-146 Ground Parallels NEW</p>  <p>VP-146</p>	<p>A42 VP-168 Ground Parallels NEW</p>  <p>VP-168</p>	<p>A43 VP-200 Ground Parallels NEW</p>  <p>VP-200</p>	<p>A43 Adjustable Angle Plate</p>  <p>VP-180-600</p>	<p>A43 Angle Plate With Swivel Base</p>  <p>VP-250S,380S</p>
<p>A44 Precision Cross Table</p>  <p>VCT-</p>	<p>A44 Precision Cross Table</p>  <p>VCT-830</p>	<p>A44 Cross Table</p>  <p>VCT-512</p>	<p>A45 Right Angle Head</p>  <p>VRA-</p>	<p>A45 Horizontal Milling Attachment</p>  <p>VHA-</p>
<p>A46 Power Table Feed X,Y,Z Axis</p>  <p>VPF-</p>	<p>A47 Air Power Drawbar</p>  <p>PD-</p>	<p>A48 Precision Slotting Head</p>  <p>VSH-</p>	<p>A49 Precision Right Angle Plate</p>  <p>VRH-4-8</p>	<p>A49 Right Angle Plate</p>  <p>VR-6-12</p>



A49 Slotted Angle Plates
VR-45-120

A49 Plain Angle Plates
VR-22-1212

A50 Screw Jack
VSJ-

A50 Screw Jack With Magnets
VSJM-

A50 Screw Jack Sets
VSJ-A-B

A51 U-Clamp
VCA-

A51 Pivot Clamp
VCB-

A51 Hand Drift
VHD-

A51 Drill Vise
DV- **NEW**

A52 Eye Shield
VH-56

A52 Milling Table Slot Cover
VST-10-36

A52 Vee Blocks
V-2V-8V

A52 Auto Center Punch
VACP-1

A53 Draw Bar
VDR-

A53 Expandable Machine Guard Cover
VGC-

A53 5C.C32.OZ25 Collet Rack
VMS-5

A53 Parts Storage
VHB-

A54 Universal Cutter Grinder
U2

A55 Chamfering & Deburring Unit
VCF-500

A55 Chamfering & Deburring Unit
VCF-500W

A55 Chamfering & Deburring Unit
VCF-500F

A56 Chamfering & Deburring Unit
VCF-500S

A56 Chamfering & Deburring Unit
VCF-600

A56 Chamfering & Deburring Unit
VCF-700

A57 Chamfering & Deburring Unit
VCF-300A **NEW**

A57 Ejector Pin Cutting-off Unit
VEC-100

A58 Rods Precision Cutting-Off And End Surface Grinding Unit
VEC-

A59 Dustproof Halogen Lamp Beams
VHL-

A60 Dustproof Halogen Lamp Beams
VHL-

A61 Quartz Halogen Lamp Beams
VHL-

A62 Cool Light Beams
VHL-

A63 Magnifying Fluorescent Work Light Beams
VHL-

A64 Water-Proof Halogen Lighting Beams
VHL-

A65 Dustproof Halogen Lamp Beams
VHL-

A66 Water Proof LED Lamp
VLED- **NEW**

A67 Concentrate LED Lamp
VLED-30 **NEW**

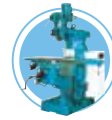
A68 Concentrate LED Lamp
VLED-20L **NEW**

A69 1/8 HP. Under Water Coolant Pump
VWP-

A69 1/4 HP. Under Water Coolant Pump
VWP-

A69 Self Priming Coolant Pump 1/8 HP. 1/4 HP
VWP-

ASERIES **MILLING MACHINE ACCESSORIES**



<p>A70 Coolant Pump Kits</p> <p>VWP-</p>	<p>A70 Under Water Type Multi-stage High Pressure Coolant Pump</p> <p>VWP-</p>	<p>A71 Hand Lubrication Pumps</p> <p>LT-4</p>	<p>A71 Hand Lubrication Pumps</p> <p>LT-6</p>	<p>A71 Hand Lubrication Pumps</p> <p>EA-8R</p>
<p>A72 Hand Lubrication Pumps</p> <p>LA-8</p>	<p>A72 Hand Lubrication Pumps</p> <p>SMA-</p>	<p>A72 Hand Lubrication Pumps</p> <p>VL-</p>		

BSERIES **GRINDING MACHINE ACCESSORIES**



<p>B01 Punch Former</p> <p>V-PB</p>	<p>B01 Punch Former</p> <p>V-PS</p>	<p>B02 3-Jaws Punch Former</p> <p>V-PS-80J</p>	<p>B02 ER Collet Dividing Punch Former</p> <p>V-PS-ER</p>	<p>B02 Sine Plate For all Type Punch Former</p> <p>V-PS-SP</p>
<p>B02 ER Collet Dividing Punch Former</p> <p>V-PS-ER32S</p>	<p>B02 ER Collet Dividing Punch Former</p> <p>V-PS-ER50S</p>	<p>B02 3-Jaws Punch Former With Sine Plate</p> <p>V-PS-80JS</p>	<p>B03 Punch Grinder</p> <p>V-PGS</p>	<p>B03 Punch Grinder</p> <p>V-PG</p>
<p>B03 Punch Grinder</p> <p>V-PGM</p>	<p>B03 Punch Grinder</p> <p>V-PGA</p>	<p>B04 Mine Tool Maker Vise</p> <p>VMV-10</p>	<p>B04 Tool Maker Vise</p> <p>VMV-15-60</p>	<p>B04 Tool Maker Vise</p> <p>VDV-20-40</p>
<p>B05 Sine Vise</p> <p>SVB-20-30</p>	<p>B05 Sine Vise</p> <p>SVD-200-300</p>	<p>B05 Precision Universal Angle Vise</p> <p>VUA-3,4</p>	<p>B06 Precision Universal Angle Vise</p> <p>VUA-408,510</p>	<p>B06 Precision Universal Angle Chuck</p> <p>VUA-100J</p>
<p>B06 Tool Makers Vise</p> <p>VC-20-30</p>	<p>B06 Tool Makers Vise</p> <p>V-VE20-VE30</p>	<p>B07 Precision Sine Vise</p> <p>SVC-100</p>	<p>B07 Precision Sine Vise</p> <p>SVL-50</p>	<p>B07 Two Way Vise</p> <p>SVS-100</p>



<p>B07 Modular Precision Machine Vise</p>  <p>VMP-</p>	<p>B08 Sine Bar With Magnetic</p>  <p>V-S50M,S100M</p>	<p>B08 Sine Bar</p>  <p>VS-100</p>	<p>B08 Sine Bar-Inch</p>  <p>V-S25,S50</p>	<p>B09 Angle Plate</p>  <p>VAP-1~3</p>
<p>B09 Micro-Adjustable Angle Plate</p>  <p>VAPM-1~3</p>	<p>B09 Precision V Block</p>  <p>V-3VA~5VA</p>	<p>B10 Precision Angle Blocks</p>  <p>AB-130</p>	<p>B10 Universal Angle Block Set</p>  <p>AB-163,164</p>	<p>B10 Micrometric Tangent Bar & Angle Gauge Block Set</p>  <p>AB-166</p>
<p>B10 Solid Angle Plates</p>  <p>AB-167</p>	<p>B11 Precision Angle Blocks</p>  <p>AB-113</p>	<p>B11 Hardened Steel Squares</p>  <p>SS-304~312</p>	<p>B11 Precision Steel Angle Plates</p>  <p>VRS-</p>	<p>B12 Squares</p>  <p>FS-204~208</p>
<p>B12 V-Block With Clamps</p>  <p>VBC-</p>	<p>B12 V-Block With Clamps</p>  <p>VBC-003</p>	<p>B12 V-Block With Clamps</p>  <p>VBC-006</p>	<p>B12 V-Block With Clamps</p>  <p>VBC-243</p>	<p>B12 V-Block With Clamps</p>  <p>VBC-009</p>
<p>B13 Electrode Vise</p>  <p>VEH-20</p>	<p>B13 Electrode Holder</p>  <p>VRA-20~100</p>	<p>B13 Electrode Holders</p>  <p>VEH-20MS</p>	<p>B13 Electrode Holders</p>  <p>VEH-20DS</p>	<p>B14 Tool Maker Vise (STAINLESS)</p>  <p>VSTV-10V</p>
<p>B14 Tool Maker Vise (STAINLESS)</p>  <p>VBST-30</p>	<p>B14 Tool Maker Vise (STAINLESS)</p>  <p>VSTV-25</p>	<p>B15 EDM Tool Marker Vise (STAINLESS)</p>  <p>VSTV-50W</p>	<p>B15 EDM Tool Marker Vise (STAINLESS)</p>  <p>VSTV-100W</p>	<p>B15 EDM Tool Marker Vise (STAINLESS)</p>  <p>VSTV-150W</p>
<p>B15 EDM Tool Maker Vise</p>  <p>VSTV-320W</p>	<p>B16 EDM Wire (BRASS & COPPER)</p>  <p>VEW-</p>	<p>B17 Wire Dies Guide</p> 	<p>B18 Electrode (Copper & Brass Pipe Electrode)</p>  <p>VEB-</p>	<p>B18 EDM Filter For EDM (Oil)</p>  <p>NH-</p>
<p>B19 Tangimatic Dresser</p>  <p>V-TDA</p>	<p>B19 Tangimatic Dresser Handy Type</p>  <p>V-TDH</p>	<p>B19 Radius And Angle Dresser</p>  <p>V-TDB</p>	<p>B20 Universal Wheel Dresser</p>  <p>V-TDC</p>	<p>B21 Precision duplex Dresser</p>  <p>V-TDF</p>



<p>B21 Radius And Angle Dresser</p>  <p>V-TDG</p>	<p>B21 Radius And Angle Dresser</p>  <p>V-TDE</p>	<p>B22 Optical Radius Angle Dresser</p>  <p>V-TDT</p>	<p>B22 Matco Sine Dresser</p>  <p>VP-50</p>	<p>B22 Matco Sine Dresser</p>  <p>V-50D</p>
<p>B23 Diamond Wheel Dresser</p>  <p>V-TDD</p>	<p>B23 Motor type CBN Flat Wheel Dresser</p>  <p>V-TDM</p>	<p>B23 Wheel Hanger</p>  <p>VWH-</p>	<p>B23 Grinding Wheel Flang</p>  <p>FKT-250,FTA-350</p>	<p>B24 Wheel Balancing Stand</p>  <p>WBS-300</p>
<p>B24 Level Balancing Stand</p>  <p>LBS-</p>	<p>B24 Driving Carrier</p>  <p>VDC-</p>	<p>B25 Sine Plates</p>  <p>V-47~</p>	<p>B25 Compound Sine Plate</p>  <p>V-47S~</p>	<p>B26 Magnetic Sine Plate</p>  <p>V-47M~</p>
<p>B26 Magnetic Sine Plate With Fine Pole</p>  <p>V-47MF~</p>	<p>B27 Ajustable Sine Plate With Fine Pole Magnetic Chuck</p>  <p>V-66SA</p>	<p>B27 double Way Sine Plate With Permanent Magnetic Chuck</p>  <p>V-47MS</p>	<p>B27 Double Way Sine Plate With Fine Pole Magnetic Chuck</p>  <p>V-47MSF</p>	<p>B28 Rotary Permanent Magnetic Plate</p>  <p>VLU-</p>
<p>B28 Rotary Fine Pole Permanent Magnetic Plate</p>  <p>VLU-</p>	<p>B28 Hi-Power Mini Type Permanent Magnetic Plate</p>  <p>VG-</p>	<p>B29 Angular Permanent Magnetic Plate</p>  <p>VG-</p>	<p>B29 Middle Pitch Permanent Magnetic Chuck</p>  <p>VGF-</p>	<p>B30 Fine Pole Magnetic Plate</p>  <p>VRTW-</p>
<p>B30 Round Type Magnetic Plate</p>  <p>VGD-</p>	<p>B30 Fine Pole Round Type Magnetic Plate</p>  <p>VGDW-</p>	<p>B31 Permanent-Electro Magnetic Chuck</p>  <p>VPE-</p>	<p>B33 Permanent Magnetic Lifter (ON/OFF Type)</p>  <p>VML-</p>	<p>B35 Standard Pole Electro Magnetic Chuck</p>  <p>VEM-</p>
<p>B35 Super-Powerful Electric Magnetic Chuckl</p>  <p>VEM-</p>	<p>B36 Chuck Controller (For Rectify & Denagnetize)</p>  <p>VCC-705</p>	<p>B36 Chuck Controller (For Rectify & Denagnetize)</p>  <p>VCC-805A,815</p>	<p>B36 Chuck Controller (For Rectify & Denagnetize)</p>  <p>VCC-820</p>	<p>B36 Variable Speed Rotary Magnetic Chuck</p>  <p>VRM-</p>
<p>B37 Magnetic Lifter</p>  <p>VGP-</p>	<p>B37 Magnetic Lifter</p>  <p>VML-</p>	<p>B38 Magnetic Transisting Block</p>  <p>VCP-</p>	<p>B38 Magnetic Transisting Block Set</p>  <p>VCP-6</p>	<p>B38 Magnetic Adjustable Link</p>  <p>VCP-5</p>



<p>B39 Magnetic Steel Sheet Separator</p>  <p>VCP-10,11</p>	<p>B39 Magnetic Chip Collector</p>  <p>VCP-15</p>	<p>B39 Magnetic Separating Bar Unit</p>  <p>VMS-7B,9B</p>	<p>B40 Demagnetizer</p>  <p>VDM-40</p>	<p>B40 Demagnetizer</p>  <p>VDM-50</p>
<p>B40 Demagnetizer</p>  <p>VDM-68</p>	<p>B41 Demagnetizer</p>  <p>VDM-8,11</p>	<p>B41 Mini Type Demagnetizer</p>  <p>VDM-9</p>	<p>B41 Tunnel type Demagnetizer And Magnetizer</p>  <p>VDM-</p>	<p>B42 Chip collector Mini Handy Type</p>  <p>VCC-16</p>
<p>B42 Chip Collector With Adjustable Arm Type</p>  <p>VCC-17A</p>	<p>B42 Chip Collector With Wheels</p>  <p>VCC-19</p>	<p>B42 Chip Collector With Flexible Arm</p>  <p>VCC-20</p>	<p>B42 Chip Collector With LED</p>  <p>VCC-21</p>	<p>B43 Magnetic V Block</p>  <p>VCP-25</p>
<p>B43 Magnetic V Block</p>  <p>VCP-26,27</p>	<p>B43 Magnetic V Block</p>  <p>VCP-29,30</p>	<p>B43 Magnetic Square Block</p>  <p>VCP-31,32</p>	<p>B44 Magnetic Tools</p>  <p>VMB-</p>	<p>B44 Magnetic Tools</p>  <p>VMB-</p>
<p>B45 Magnetic Tools</p>  <p>VMB-VML-</p>	<p>B45 Magnetic Tools</p>  <p>VMB-</p>	<p>B46 Magnetic Tools</p>  <p>VMF-VMS-</p>	<p>B46 Magnetic Tools</p>  <p>VMH-</p>	<p>B47 Multi-Function Mist Coolant System</p>  <p>VCS-500</p>
<p>B47 Mist Coolant With Magnetic Base</p>  <p>VMH-71</p>	<p>B47 Diamond Dressing Tools</p>  <p>VDR-10, 33, 50</p>	<p>B48 Adjustable Magnetic Nozzle Kit</p>  <p>CL-</p>	<p>B49 Adjustable Coolant Hoses & Valves</p>  <p>VHK-</p>	<p>B50 1/4" System</p> 
<p>B51 1/8" System</p> 	<p>B52 3/8" System</p> 	<p>B53 Paper Filter</p>  <p>PF-</p>	<p>B53 Magnetic Separator</p>  <p>MC-</p>	<p>B54 Magnetic Separator & Paper Filter</p>  <p>MC+PF-</p>
<p>B55 Coolant Tank</p>  <p>VC-601</p>	<p>B55 Dust Collector</p>  <p>VC-602</p>	<p>B55 Dust-Suction And Coolant Tank</p>  <p>VC-603</p>	<p>B55 Dust-Suction & Coolant Tank W/Magnetic Separator</p>  <p>VC-606</p>	<p>B56 Oil Skimmer With Belt Type</p>  <p>VOS-800,810</p>



<p>B56 Oil Skimmer With Belt Type</p>  <p>VOS-820,830</p>	<p>B56 Oil Skimmer With Rotary Plate Type</p>  <p>VOS-850</p>	<p>B57 Precision Gauge Blocks</p>  <p>VGB-</p>	<p>B58 Ceramic Gauge Blocks</p>  <p>VGB-</p>	<p>B59 Cast Iron Surface Plates</p>  <p>VS-</p>
<p>B59 Black Granite Surface Plates</p>  <p>VSG-</p>	<p>B60 Granite Square Rulers</p>  <p>VQR-400,500</p>	<p>B60 Granite Straight Rulers</p>  <p>VSR-630,1000</p>	<p>B60 Granite Triangle Ruler</p>  <p>VGT-</p>	<p>B60 Granite V-Block</p>  <p>VG-63,100</p>
<p>B60 Horizontal Leveling Instrument</p>  <p>VLI-200A,300A</p>	<p>B60 Precision Square Level</p>  <p>VSL-200A,300A</p>	<p>B61 Granite Surface Stand</p>  <p>VH-45-47</p>	<p>B61 Cylindrical Squares Steel</p>  <p>VCS-300,400</p>	<p>B61 Horizontal Leveling Instrument</p>  <p>VLI-</p>
<p>B61 Precision Square Level</p>  <p>VSL-</p>	<p>B61 Cleaning Paper</p>  <p>P-1000</p>	<p>B62 Concentric Test Stand</p>  <p>VCI-</p>	<p>B62 Concentric Test Stand</p>  <p>VCI-</p>	<p>B62 Fixed Speed Punch Former</p>  <p>V-PS-80M</p>
<p>B62 Pin Gauge</p>  <p>VPG-</p>	<p>B63 Thread Size & Depth Gauge</p>  <p>VSD-</p>	<p>B63 Precision Vernier Caliper</p>  <p>VVC-6"-12"</p>	<p>B63 Digital Electronic Caliper</p>  <p>VEC-6"-12"</p>	<p>B63 Dial Caliper</p>  <p>VDC-6-12</p>
<p>B63 Outside Micrometer</p>  <p>VOM-</p>	<p>B63 Inside Micrometer</p>  <p>VIM-</p>	<p>B64 Dial Indicator</p>  <p>VDI-1</p>	<p>B64 Dial Test Indicator</p>  <p>VDI-0.8A</p>	<p>B64 Height Vernier Caliper</p>  <p>VHG-12-24</p>
<p>B64 Height Dial Caliper</p>  <p>VHD-12,24</p>	<p>B64 Micrometer Stand</p>  <p>VH-19</p>	<p>B64 Micrometer Stand</p>  <p>VH-19</p>	<p>B64 Measuring Tool Kits</p>  <p>VVC-20</p>	<p>B65 Angle Level</p>  <p>VAL-</p>



C01 ER Spring Collet Chuck System

C02 ER Spring Collet Chuck System

ER-

C04 ER Spring Collet Chuck System

C06 ER Spring Collet Chuck System

C08 ER-GB Top Collets

C09 Collet Chuck Kit With ISO Taper Shank

V-101~226

C10 Extended Collet Holder With ISO Shank

V-231~250

C11 Collet Holders With R-8 Shank

V-301~318

C12 Collet Holders With Morse Taper Shank

V-401~437

C13 Collet Holders With Straight Shank

V-501~530

C14 Collet Holders With Straight Shank

V-601~684

C15 MiniType Straight Shank Holder

V-551~698

C16 Clamping Nuts For Collets

V-800~810

C17 Clamping Wrench For Collets

V-811~824

C18 Collet Holders With BT Taper Shank

V-700~727

C19 Collet Holders With BT Extension Type BT Taper Shank ER-16,ER-20

V-733~779

C20 Collet Chuck Kit With BT Taper Shank

C21 ST/ER Straight Shank With Double Head Spindle

V-830~837

C21 ST/ER Straight Shank With Single Head Spindle

V-841~848

C22 ER-SK Taper Shank

V-741~763

C23 Collet Holder With CAT-Shank

V-870~890

C24 Milling Chuck

VB-

C25 DIN 6388 Collet For Milling Chuck

OZ-

C26 DIN 6388 Nuts & Wrench

OZ-

C27 OZ-25 Collet Holder With BT-Shank

VB-

C28 Collet Holder With BT-Shank OZ-32 MAS 403

VB-

C29 Collet Holder With ISO-Shank OZ-32

VB-

C30 Collet Holder With DIN 69871A & Cat Type

VB-261~291

C31 Posi-Lock Milling Collet Chuck

VC

C32 Multi-Lock Milling Chuck

VB-431~452

C33 Multi-Lock Milling Chuck

VB

C34 C-20,25,32,42 Collet

C34 C-20,25,32,42 Wrenchs

C35 Quick-Change Tooling System

VD

C36 TG 100 Collet System

TG10

C37 5C Collet System

5C

C37 R8 Collet System

R8

C38 U2 Collet System

VE

C38 MT3 Collet System

MT3

C38 Drill Chucks Arbor

VJ



C39 Morse Taper Sleeve
VQ

C39 Morse Taper Extension Sockets
VQ

C39 R8 With Morse Taper Sleeve
VQ-122,123

C40 Face Mill Arbor
VF-101-137

C41 Morse Taper Adapter
VI-101-111, VI-131-138

C41 Jacobs Taper Drill Chuck Arbor
VJ-103,106,109

C41 Tang For Morse Taper Shank
VMT-

C42 Right Angle Heads For Machining Center
VHA

C42 Oil-Feed Holder / Slo
OC,BT

C43 Face Mill Arbor
BT-101-121
BT-150-166

C44 Drill Chuck Holder / APU
BT-180-188

C44 Morse Taper Adaptor
BT

C44 Jacobs Taper Arbor
BT

C44 Lever Checking Holders
WELTON TYPE
BT40-M8, BT50-M8

C44 Test Arbor
A30,40,50

C45 Sidelock End Mill Holder
BT

C46 Pull Studs BT30,40,50
BT-501-512

C46 Pull Studs BT40,50
BT-516-521

C47 Pull Studs DIN 69872, A Type
BT-522

C47 Pull Studs ISO-A Type And B Type
BT-529-532

C48 Pull Studs
BT-533-548

C49 Complete NC Tooling Set
VBT

C50 Complete NC Tooling Set

C52 Face Mill Holder
SK-112-120

C52 Morse Taper Holder-DIN 6383
SK-214-220

C53 Sidelock End Mill Holder
SK-417-431

C53 Drill Chuck Holder / APU
SK-509-514

C54 Face Mill Holder
CAT

C54 Side Lock Holders
CAT

C54 Morse Taper Holders
CAT

C55 HSK-A63(DIN-69893) Tool Holder
HSK-A63

C55 HSK-A63(DIN69893A) ER Collet Chucks
HSK

C55 HSK-A63(DIN69893A) OZ Collet Chucks
HSK

C56 HSK-A63 Morse Taper Holders
HSK

C56 HSK-A63 Face Mill Holders
HSK

C56 HSK-A63 Face Mill Holders
HSK

C57 DC High Speed slim Chuck System
BTD

C57 Slim Collet Chuck With Double Face Contact
BTD

C58 MAS BT30/40 Collet Chuck
BTD

C58 Cylindrical Shank Of DC Slim Chuck



C58 Set Of DC Collets And Collet Chuck

C59 Small Collet Of Slim Collet Chuck

DC6

C59 Collet For End Mill Shank

DC6-3E,4E,6E

C60 High Speed Chuck

C61 SK Spring Collet System

SK

C63 BT-SK Collet Chuck System

SKB-201~233

C63 Set Of SK Collet And MAS BT Chuck

SKB-301~315

C64 ST-SK Straight Chuck

SKS-210~214

C64 Set Of SK Collet And Straight Chuck

SKS-231~234

C64 SK Nut And Wrench

SKN,SKW

C65 ER Collet Chuck System

BT30,40

C65 INT Type Keyless Drill Chucks

INT-

C66 3D-Taster

V-3D

C66 Integrated Type Keyless Drill Chucks

INT-

C66 Integrated Type Keyless Drill Chucks

BT40,SK40

C67 Integrated Type Keyless Drill Chucks

INT-

C69 Keyless Drill Chucks

TYPE:XHSP

C69 Keyless Drill Chucks

TYPE:H

C69 Keyless Drill Chucks

TYPE:S

C69 Keys

C70 Key Type Drill Chucks

TYPE:G

C70 Ball Bearing Key Type Super Chucks

TYPE:H

C71 Key Type Drill Chucks

C72 Powerful Integrated Drill Chucks

PNT-

C73 Modular Boring Systems

C73 Taper Shank For Boring Heads Series BST,VBK

C74 Large Diameter Twin-Bit Rough Boring

C75 Large Diameter Finish Boring Head

C76 Indexable Twin-Bit Rough boring Head RBH

C77 Taper Shank For Boring Heads Series BST,VBK

C77 Extension (Reduced)

C77 Extension (Constant Diameter)

C78 Indexable Twin-Bit Rough Boring Head RBH-LA

C78 FBH Finish Boring Head

C79 FBH Finish Boring Head

C79 Small diameter Boring Head CBI4

C80 Carbide tool Holder

C80 Insert Holder For Carbide Tool Holder

C80 RBH Indexable Twin-Bit Rough Boring Head

C80 Indexable Twin-Bit Rough Boring Head RBH-LA



<p>C80 Large Diameter Modular Rough Boring Head With Diameter Over Ø200mm</p> <p>VBHD-</p>	<p>C81 Precision finish Boring Head Sets</p> <p>NEW</p> <p>VBHE-</p>	<p>C82 Precision finish Boring Head Sets</p> <p>NEW</p> <p>VBHE-</p>	<p>C83 High Precision Boring Head Set</p> <p>NEW</p> <p>VBH620-</p>	<p>C84 High Precision Boring Head Set</p> <p>NEW</p> <p>VBH2084-</p>
<p>C85 Universal boring And Facing Master Hand</p> <p>VBHU-</p>	<p>C86 Interchangeable Shanks</p> <p>VBH-</p>	<p>C87 Boring Head Sets</p> <p>VBH-</p>	<p>C88 Boring Head Set C-Type</p> <p>VBHC-</p>	<p>C88 Boring Head Shank C-Type</p> <p>VBH-</p>
<p>C89 C-Type Boring Head</p> <p>VBC-2,3</p>	<p>C90 Touch Point Sensor</p> <p>VPS-20B,32B</p>	<p>C90 Touch Point Sensor</p> <p>VPS-20,32</p>	<p>C91 Touch Point Sensor</p> <p>VPS-201,201C</p>	<p>C91 Touch Point Sensor</p> <p>VPS-401,401C</p>
<p>C92 Touch Point Sensor</p> <p>VPS-301,302,301C</p>	<p>C92 Centering Indicator</p> <p>VCI-170</p>	<p>C93 Height Presetter</p> <p>HP-50Z,50ZM</p>	<p>C93 Height Presetter (For Machining Center)</p> <p>HP-100</p>	<p>C94 Z-Zero-Setter</p> <p>HP-50A,50B,50AM,50BM</p>
<p>C94 Electronic Tool Length Setter</p> <p>HP-50EM,100EM</p>	<p>C95 Reversible Tapping Attachment For Drilling & Milling Machine</p> <p>VTA-13,16</p>	<p>C95 Tap Chuck Series</p> <p>VTA-13,16</p>	<p>C95 Drill Tapper</p> <p>VDT-33</p>	<p>C96 Reversible Tapping Attachments</p> <p>VTA7-</p>
<p>C97 Tap Chuck</p> <p>VTA-35000,35002</p>	<p>C97 Expansible Tapping Holder</p> <p>VET</p>	<p>C98 Expansible Tapping Holder</p> <p>VET</p>	<p>C99 Quick Change Tapping Chucks</p> <p>VQT-</p>	<p>C100 Quick Change Tapping Chucks</p> <p>VQT-</p>
<p>C101 Quick Change Tapping Chucks</p> <p>TC-320,820,1433-</p>	<p>C103 Quick Change Tapping Chucks</p> <p>VQT-</p>	<p>C104</p> <p>Tap Shank Dimensions</p>	<p>C105 Mini Type Arm Type Air Tapping Unit</p> <p>VAT-</p>	<p>C105 Small Arm Type Air Tapping Unit</p> <p>VAT-</p>
<p>C106 Arm Type Air Tapping Unit</p> <p>VAT-</p>	<p>C107 Air Tapping Unit</p> <p>VAT-</p>	<p>C107 Air Tapping Spindle</p> <p>VAT-SP</p>	<p>C107 Parallel Arm For Air Tapping Unit</p> <p>VAT-ARM</p>	<p>C108 Adjustable Angle Head For Air Tapping Unit</p> <p>VAT-</p>



C108 Magnetic Base For Air Tapping Unit

 VLM-300A,600A

C108 Tapping Collet Adapter


C109 Mist Coolant System For Air Tapping Unit

 VAC-08

C109 Collet Rack For Air Tapping Unit

 VCR-08

C109 Working Table
 **NEW**
 VAT-912T

C110 Deluxe Type tool Setting Stand

 VTD-

C110 Simple type Tool Setting Stand

 VTS-

C111 Tool Holder Locking Device

 VTG-

C111 Tool Holder Locking Device

 VTL-

C111 Tool Holder Locking Fixtures

 VTL-

C112 End Mill Sheath Rack

 VMS-2

C112 Spindle Taper Wiper

 VTW-

C112 Spindle Taper Wiper

 VTW-

C112 Tooling Carts
 **NEW**
 VTT

C113 Tooling Trolleys

 VTT-2,5,6

C113 Tooling Sheath Rack

 VTTR-

C113 Tooling Sheath

 VTTS-

C114 Tool Presetter

 TP-3040E

C114 Tool Presetter

 TP-3040

C115 Tool Cabinet

 VTC-23,25


C115 Tooling Trolleys
 **NEW**
 VTC-100

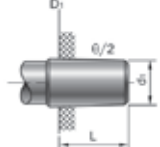
C116 Parts Cabinet

 VA6-


C116 Tool Box


 VTB-102,901


C117 Standard


C117 Drill Chuck Taper





D01 NC-Rotary Table

 VNCM-

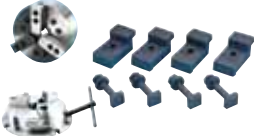
D03 NC-Rotary Table

 VNCM-

D04 NC-Rotary Table

 VNXC-10

D05 NC-Rotary Table


D05 NC-Rotary Table


D05 NC-Rotary Table


D05 NC-Rotary Table


D06 Tailstock For NC Rotary Table

 TS-

D07 MC Power vise
 **NEW**
 VQC-

D11 Base Plate Series

 TBP-

D SERIES MACHINING CENTER ACCESSORIES



D11 Base Plate Series

SBP-

D11 Base Plate Series

HBP-

D12 M/C Angle Plate 90°

BP20-

D12 M/C Angle Plate 90°

BP22-

D13 M/C Clamping Cube

BP07-

D14 Angular Hollow Block 45°

BC45-

D14 Angular Hollow Block 30°

BC30-

D15 Flexible Line Up Vice

VFS-

D17 Flexible Line Up Vice

VFL-

D19 Oil Mist Cleaner

VOM- **NEW**

E SERIES LATHE MACHINE ACCESSORIES



E01 Light Duty Live Center

VPC-

E01 Live Lathe Center

VLC-

E02 High-Speed NC Live Center

VLC-

E02 High-load NC Live Center

VFC-

E03 Inter-Changeable Points Live Center

VLC-

E03 High-Speed NC Interchangeable Points Live Center

VCS-

E04 High-Load Interchangeable Points Live Center

VCP-

E04 Bull Nose Center

VLC-

E05 Lathe Centers

VLC-

E05 Work-Driving Center

VDC-

E05 Work-Driving Center-Changeable Tips

VDC-30-MT4

E06 3 Jaw Self Centering Chuck

VSC-

E06 3 Jaw Powerful Self Centering Chuck

VSK-

E07 4 Jaw Self Centering Chucks

VPS-

E07 4 Jaw Self Centering Chucks

VPS-

E08 DIN-Type 3-Jaw Self-Centering Chucks

VSC-

E08 4 Jaw Independent Chuck Plain Back

VKC-

E09 3 Jaw Scroll Chuck

VSC-

E09 3 Jaw Powerful Scroll Chuck

VSK-

E10 Machining Jaw Chuck

VMJ-

E10 Super Thin Chucks

VNBK-

E11 Soft Jaw For SK-Type Chuck

VSJ-6~16

E12 Soft Jaw Hydraulic Power Chucks

VHC-5-15

E13 Soft Jaw Forming Ring

VFR-

E13 Hard Jaw For Hydraulic Power Chucks

HJ-



E14 3-Jaw Wedge Type Through-Hole Power Chuck
N-205A4~

E15 2-Jaw Wedge Type Through-Hole Power Chuck
NT205~

E16 3-Jaw Wedge Type Non Through-Hole Power Chuck
V-206A5

E17 Super High Speed Through Hole Rotary Hydraulic Cylinder
M1036~

E18 Non Through Hole Rotary Hydraulic Cylinder
MS105~

E18 4-Jaw Wedge Type Through-Hole Power Chuck
VNIT-208~

E18 6-Jaw Awl Type Chucks
VAS-4,6

E19 Lathe collet
C- **NEW**

E21 Tool Post Grinder ON Lathe
VGR-

E25 Axial Drilling And Milling Heads
VDI-

E26 Axial Drilling And Milling Heads
VDI-

E28 Axial Drilling And Milling Heads
VDI-

E29 Axial Drilling And Milling Heads
VDI-

E32 Axial Drilling And Milling Heads
VDI-

E33 Axial Drilling And Milling Heads
VDI-

E35 Axial Drilling And Milling Heads-For"Baruffaldi" Type
VDI-

E36 Axial Drilling And Milling Heads-For"Baruffaldi" Type
VDI-

E39 Axial Drilling And Milling Heads-For"Duplomatic" Type
VDI-

E40 Axial Drilling And Milling Heads-For"Duplomatic" Type
VDI-

E42 Radial Static Holders
VDI-

E42 Radial Static Holders
VDI-

E43 Radial Static Holders
VDI-

E43 Radial Static Holders
VDI-

E44 Axial Static Holders
VDI-

E44 Axial Static Holders
VDI-

E45 Combined Static Holders
VDI-

E45 Combined Static Holders
VDI-

E46 Combined Static Holders
VDI-

E46 Static Holders
VDI-

E47 Static Holders
VDI-

E47 Static Holders
VDI-

E48 Static Holders
VDI-

E48 Static Holders
VDI-

E49 Static Holders
VDI-

E49 Axial Static Holders
VDI-

E49 Axial Static Holders
VDI-

E50 Reducing Sleeves
VDI-

E51 Reducing Sleeves
VDI-

E51 Test Mandrel
VDI-

E52 H Type Milling Drilling Head
VDI-



E53 H Type Milling & Drilling Head

E53 V Type Milling & Drilling Head

E56 Forward Turning Holder RH

E57 Reverse Turning Holder LH

E57 Double Turning Holder

E58 Boring Bar Holder

E59 Double Boring Bar Holder

E59 U Drill Holder

E60 Facing Holder RH

E61 Quick Change Tool Post & Holders

NEW

VTP-

E62 Individually Piece Italian Style

NEW

VTP-

E63 Quick Change Tool Post & Holders

NEW

VTP-

E64 Quick Change Tool Post & Holders

NEW

VTP-



FSERIES **CUTTING TOOL**

F01 Face Milling Cutter 45°

SE545-,SE445-

F01 Face Milling Cutter 65°

SP535-,SP435

F02 Face Milling Cutter 75°

FP-

F02 Face Milling Cutter 90°

TP-

F03 Round Insert Milling Cutter

RM-

F03 Shoulder End Mills

SAE-

F04 Round Insert End Mills

F04 Drilling & Milling Cutter

F05 High Speed Shoulder Mills

F05 Ball End Mills

F05 High-Speed Rough End Mills

VAPX-

F06 CAP400R High Speed Shoulder Mills

CAP400R-

F06 CRT Round Insert End Mills

CRT-

F06 Face End Mills

F06 Shoulder Face Milling Cutter

TPS-

F07 45° Chamfering End Mills

TC12

F07 45° Chamfering End Mills

VCE-

F07 T-Slot End Mills

VTE-

F08 Side Milling Cutter

VSM-

F08 Cutting Holders

F08 Cutting Blocks

SUB20,25

F09 Power Super Dill 2D

VCD-

F09 Power Super Dill 3D

VCD-

F10 Tool Holders

F11 Tool Holders



F12 Tool Holders

F13 Tool Holders

F14 Boring Bars

F15 Boring Bars

F17 Insert For Face Mill Cutter

F18 Solid Carbide End Mills For<48HRC

VE112,122,125

F19 Solid Carbide End Mills For<48HRC

VE114,124,126

F20 Solid Carbide Ball Nose End Mills For<48HRC

VB221,222,232

F21 Solid Carbide End Mills For<68HRC

VE166,167

F21 4 Flute Carbide End Mill Set VE124-B
12 PCS/SET In Wooden Box

NEW

VE124-B

F21 4 Flute Carbide End Mill Set VE124
18 PCS/SET In Wooden Box

NEW

VE124-A

F21 2 Flute Carbide Ball Nose End Mill Set
VB222 9 PCS/SET In Wooden Box

NEW

VB222-A

F22 Solid Carbide NC/CNC Spot Drills

VD903,904,913,914

F23 Finishing End Mills<56HRC

VE164,165

F24 Ball Nose End Mills<56HRC

VB262,263

F25 Machine Reamers In Steps Of 0.5mm

VR301-

F26 Machine Reamers Carbide Tipped

VR303-

F27 Universal End Mills

VE133,135

F28 Universal End Mills

VEA72,82

F29 Finishing End Mills

VEA74,84

F30 Ball Nose End Mills

VBB12,80

F30 End Mills With Corner Radius

VB625

F31 End Mills For Aluminium

VEA92

F31 Finishing End Mills

VEC40,VED40

F32 Ball Nose End Mills

VBB61-

F32 Roughing End Mills

VFF08,09

F33 Twist Drills

VDD12-

F34 Twist Drills

VDD13-

F35 High Performance Drills

VDD30-

F36 High Performance Drills

VDD31-

F37 High Performance Drills

VDD32-

F38 Combined Drill And Countersink

VDT08-

F38 Machine Reamers Long Length

VRC02-

F39 Hand Reamers-HSS

VHM-

F39 Adjustable Reamers

VAR-

F40 Outside Radius Shape End Mills

VCR-

F40 Counterbore End Mills

VCB-

F41 Metal Slitting Saws

VSS



G01 Shock Absorber

TK-

G01 Shock Absorber

SB-

G01 Shock Absorber

SC-

G01 Shock Absorber

SY-

G02 Arbor Press

VAR-

G02 Arbor Press

VARR-

G02 Flat End Movable Handle

VFE-

G02 Ellipse Movable Handle

VEM-

G03 Ball Knobs

VKB-

G03 Hand Knobs

VKB-

G03 Adjustable Hand Levers

VAH-

G03 Adjustable Hand Levers

VAH-

G03 Revolving Handles

VRL-

G04 Ball Crank Handle

VBK-

G04 360° Swivelling Lock Handle

VSA-VSB-

G04 Lifting Eye Bolts

VLE-

G04 Ball Plugger Screw-socket & Slotted

VBS-

G04 PU-Hammer Series

VHM-

G05 Universal Drill & Cutter Grinder

VDG-32N

G05 Horizontal Band Saws

HBS-7

G05 Horizontal Band Saws

HBS-7CE

G06 Multi-Purpose Milling & Drilling Machine

MD-30N,30B

G07 All Geared Head Drill Press

GMB-

G08 Vertical Band Sawing Machine

Y-310-500

G09 Air Die Tool

VAG-

G10 Air Die Tool

VAG-

G11 Air Die Tool

VAG-

G12 Abrasive Mounted Point & Wheel For Air Tool

WA-WF-WR-WE-

G12 Diamond Tools For Air Tool

WG-30D

G13 Magnetic De-Burring & Polishing Machine

VDB-

G14 Magnetic De-Burring & Polishing Machine

VDB-

G15 Precision Drill Grinder

VDG-13A, 20, 25A

G17 Left Hand Drill Grinder

VDG-13L

G18 Sheet Metal Drill Grinder

VDG-13S

G19 Precision End Mill Grinder

VEG-13A, 25A

G23 Mini Weight Scales

VCU-

G23 Light Weight Table Scales

VCU-

G23 Platform Scales

VCU-

G24 Quick Long Distance Clamping Vise

VLO-100

RECONDITION CNC MACHINING CENTER



RECONDITION-GRINDING SLIDE WAY



亞特精密機械有限公司
V-TECH MACHINERY SDN BHD
297791-T

KL HEADQUARTERS:

45 Jalan Rajawali 2, Bandar Puchong Jaya,
47100 Puchong, Selangor, Malaysia
Tel: 603-8070 5500 Fax: 603-8075 8908

BUTTERWORTH BRANCH:

49 Tingkat 1, Jalan Prai Jaya 5, 13600 Prai,
Butterworth, Penang, Malaysia
Tel: 604-399 5500 Fax: 604-399 9326

SABAH BRANCH:

Tingkat 2, Lot 4, Blok A,
Damai Plaza Fasa 4,
Luyang 88300,
Kota Kinabalu, Sabah, Malaysia
Tel: 088-252 3377 Fax: 088-264 3377

Website : www.vtech.com.my
Email : Sales@vtech.com.my
Contact : +603-80705500
KL HQ : Jason (+6019-2233190)
& Sabah
Butterworth : Khor (+6017-3350575)

亞特精密儀器有限公司
V-TECH INSTRUMENTS SDN BHD
1035298-U

KL HEADQUARTERS:

45 Jalan Rajawali 2, Bandar Puchong Jaya,
47100 Puchong, Selangor, Malaysia
Tel: 603-8070 5500 Fax: 603-8075 8908

Email : Sales@vtech.com.my
Contact : +603-80705500
KL HQ : John Lee (+6019-2773190)
Johor : Lim BY (+6019-2783190)
& Melaka

迦南精密機具有限公司
CANAAN TOOLING SYSTEMS SDN BHD
831710-P

KL HEADQUARTERS:

45 Jalan Rajawali 2, Bandar Puchong Jaya,
47100 Puchong, Selangor, Malaysia
Tel: 603-8075 5227 Fax: 603-8075 7851

Website : www.canaantooling.com

Email : Sales@canaantooling.com

Contact : +603-80755227

KL HQ : Sam (+6013-6669820)

Perak &
Pahang