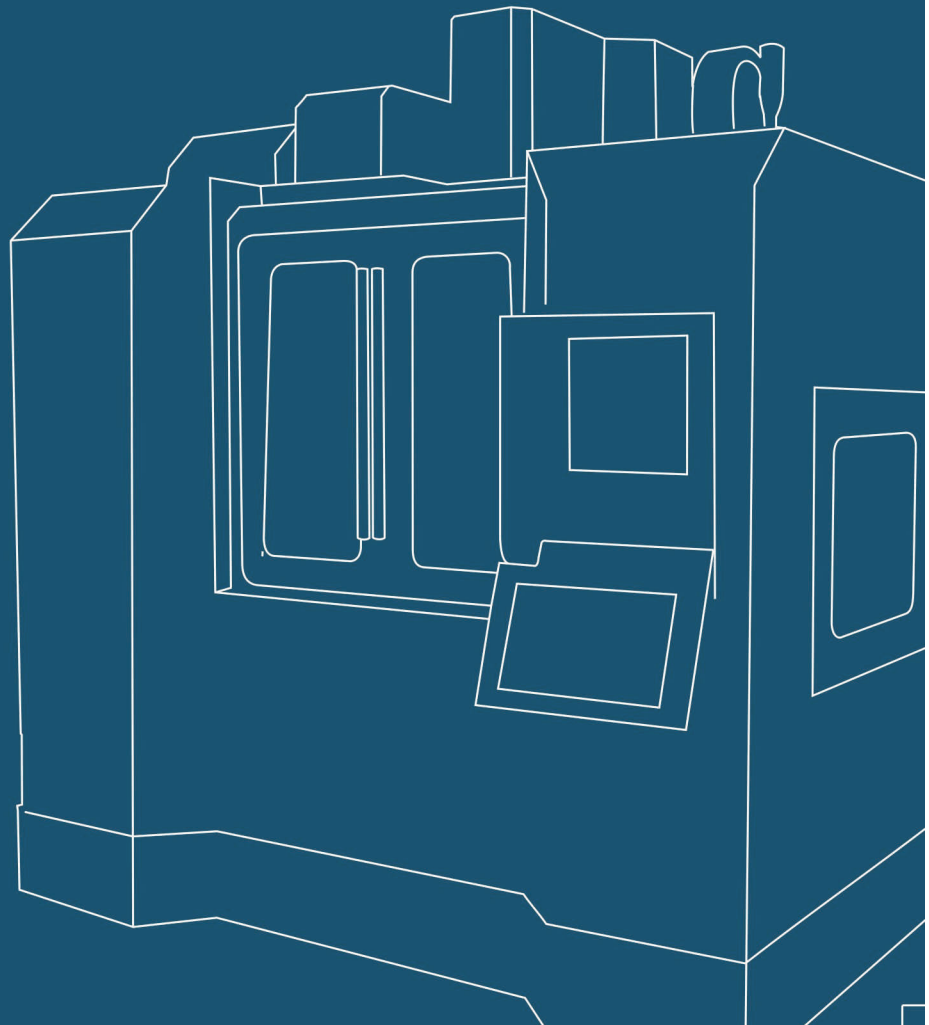




Excellence in Metal Cutting

CNC - VMC



YANTRANG CNC
AUTOMATION PVT. LTD.

ARYA
Series



ARYA Linear Series
Page No. 01



ARYA Linear Series
Page No. 02



ARYA Turret Series
Page No. 03

MICRO TURN
Series



MICROTURN Turnmill
Page No. 04



MICROTURN Twin Spindle Linear Series
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MICROTURN Linear Series
Page No. 05

MICRO TURN
Series



MICROTURN Series
Page No. 06

HICUT
Series



HICUT Series
Page No. 08

HICUT Turnmill Series
Page No. 10

FLAT BED
Lathe / Turnmill



FLAT BED Lathe / Turnmill
Page No. 12

VMC
Series



VX Series
Page No. 14

VTL
Series

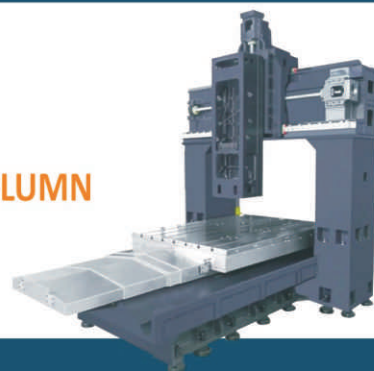


VTL Turret Series
Page No. 16



VTL Quill Series
Page No. 17

DOUBLE COLUMN
Series



DOUBLE COLUMN Series
Page No. 18

ARYA Linear Series

CNC Turning Center



MODEL

80 / 200 : 30M/Min. Rapid

CAPACITY	UNIT	80 / 200
SWING OVER BED	MM	300
MAXIMUM TURNING LENGTH	MM	165
STANDARD TURNING DIA.	MM	80
CHUCK SIZE	MM	135
MAX. TURNING DIA.	MM	150
X-AXIS TRAVEL	MM	250
Z-AXIS TRAVEL	MM	180
RAPID TRAVERSE	M/Min.	30

AXIS		
X - Z AXIS LM		25
Z AXIS BALL SCREW (P x D)		25 x 10
MOTOR TORQUE (Z axis)	NM	3.7
X AXIS BALL SCREW (P x D)		25 x 10
MOTOR TORQUE (X axis)	NM	3.7

MAIN SPINDLE		
SPINDLE MOTOR : SIEMENS	KW	5.5 / 3.5
FANUC	KW	5.5 / 3.5
SPINDLE BORE		38
SPINDLE NOSE		A2-4
MAXIMUM BAR CAPACITY		25
SPINDLE SPEED RANGE	RPM	50-4000
FULL POWER SPEED RANGE	RPM	750-3000

TOOL		
MAX. BORING BAR DIA.		32
TOOL SIZE (CROSS SECTION)		20 x 20

OTHERS		
POSITIONING ACCURACY	MM	0.010
REPEATABILITY	MM	0.005
WEIGHT (APPROX)	KG.	1400

SIZE		
LENGTH	MM	1560
WIDTH	MM	1600
HEIGHT	MM	1600

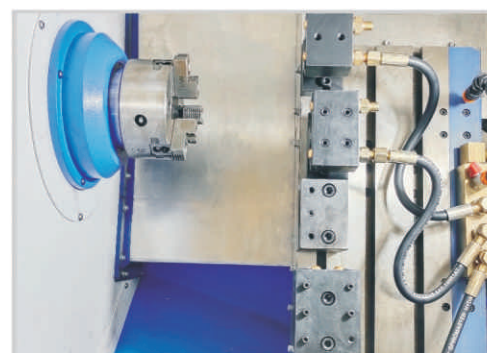
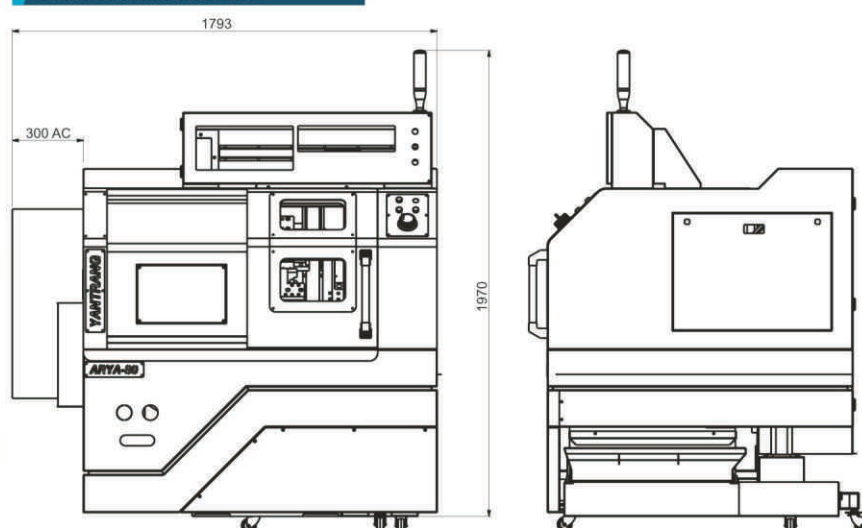
TOTAL POWER	KVA	15
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NOTE : Specification Subject to Change without Prior Notice.

APPLICATION :



STRUCTURE DIAGRAM





MODEL
100-200 | 150-200

CAPACITY	UNIT	100/200	150/200
SWING OVER BED	MM	275	275
MAXIMUM TURNING LENGTH	MM	200	200
STANDARD TURNING DIA.	MM	100	100
CHUCK SIZE	MM	135	165
MAX. TURNING DIA.	MM	150	200
X-AXIS TRAVEL	MM	300	300
Z-AXIS TRAVEL (B)	MM	200	200
RAPID TRAVERSE	M/Min.	24	24

AXIS		100/200	150/200
X-Z AXIS LM		35	35
Z AXIS BALL SCREW (P x D)		32 x 10	32 x 10
MOTOR TORQUE (Z axis)	NM	6	6
X AXIS BALL SCREW (P x D)		32 x 10	32 x 10
MOTOR TORQUE (X axis)	NM	6	6

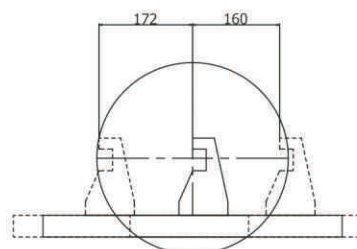
MAIN SPINDLE		100/200	150/200
SPINDLE MOTOR : SIEMENS	KW	3.5/5.5	7.5/9
FANUC	KW	3.5/5.5	7.5/11
SPINDLE BORE		38	47
SPINDLE NOSE		A2-4	A2-5
MAXIMUM BAR CAPACITY		25	36
SPINDLE SPEED RANGE	RPM	50-3500	50-3000
FULL POWER SPEED RANGE	RPM	750-3000	750-2250

TOOL		100/200	150/200
MAX. BORING BAR DIA.		32	32
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25

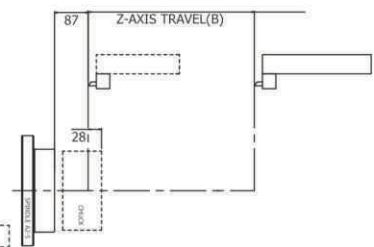
OTHERS		100/200	150/200
POSITIONING ACCURACY	MM	0.010	0.010
REPEATABILITY	MM	0.005	0.005
WEIGHT	KG.	2000	2000
TOTAL POWER	KVA	15	15

NOTE : Specification Subject to Change without Prior Notice.

TOOL INTERFERENCE DIAGRAM

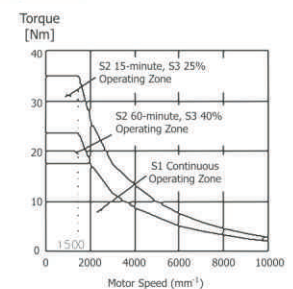
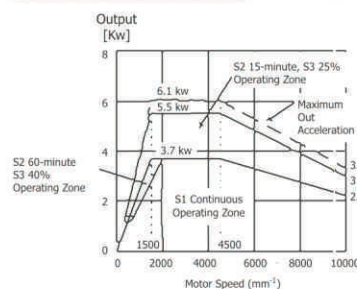


WORKING RANGE

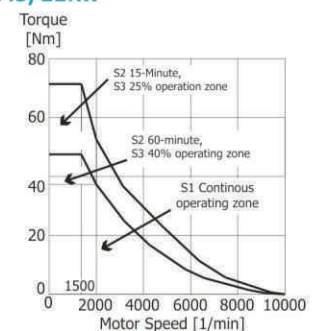
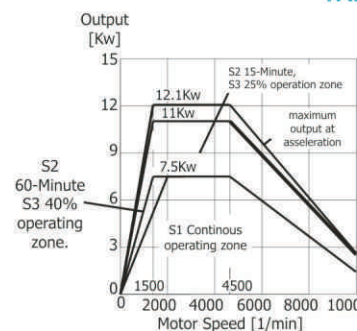


POWER DIAGRAM

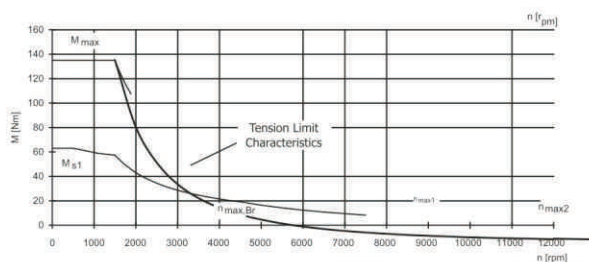
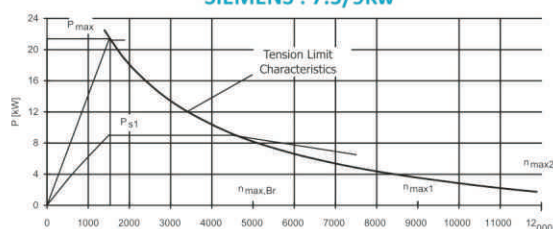
FANUC : 3.5/5.5Kw



FANUC : 7.5/11Kw



SIEMENS : 7.5/9Kw



ARYA Turret Series

CNC Turning Center



MODEL
135 | 165

CAPACITY	UNIT	135	165
SWING OVER BED	MM	350	350
MAXIMUM TURNING LENGTH	MM	285	275
MAXIMUM DIA. BETWEEN CENTER	MM	165	165
DISTANCE BETWEEN CENTER	MM	250	300
STANDARD TURNING DIA.	MM	165	200
CHUCK SIZE (Optional)	MM	135 / 165	165 / 200
MAX. TURNING DIA.	MM	250	250
X-AXIS TRAVEL (A)	MM	150	165
Z-AXIS TRAVEL (B)	MM	300	300
RAPID TRAVERSE	M/Min.	24	24

AXIS

X - Z AXIS LM		35	35
Z AXIS BALL SCREW (P x D)		32 x 10	32 x 10
MOTOR TORQUE (Z axis)	NM	6	6
X AXIS BALL SCREW (P x D)		32 x 10	32 x 10
MOTOR TORQUE (X axis)	NM	6	6

MAIN SPINDLE

SPINDLE MOTOR : SIEMENS	KW	5.5 / 3.5	5.5 / 7.5
FANUC	KW	5.5 / 3.5	5.5 / 7.5
SPINDLE BORE		38	47
SPINDLE NOSE		A2-4	A2-5
MAXIMUM BAR CAPACITY		25	36
SPINDLE SPEED RANGE	RPM	50-3500	50-3000
FULL POWER SPEED RANGE	RPM	750-3000	750-2250

TOOL

NUMBER OF STATION		8	8
MAX. BORING BAR DIA.		32	32
TOOL SIZE (CROSS SECTION)		20 x 20	20 x 20

TAIL STOCK

QUILL DIA.		75	75
QUILL STOCK		100	100
TRUST (ADJ.)		500	500

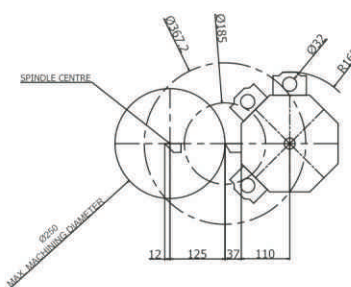
OTHERS

POSITIONING ACCURACY	MM	0.010	0.010
REPEATABILITY	MM	0.005	0.005
WEIGHT	KG.	1900	1900
TOTAL POWER	KVA	15	15

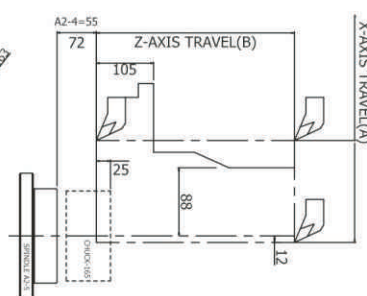
* BOX GUIDE WAY RAPID 20m/Min.

NOTE : Specification Subject to Change without Prior Notice.

TOOL INTERFERENCE DIAGRAM

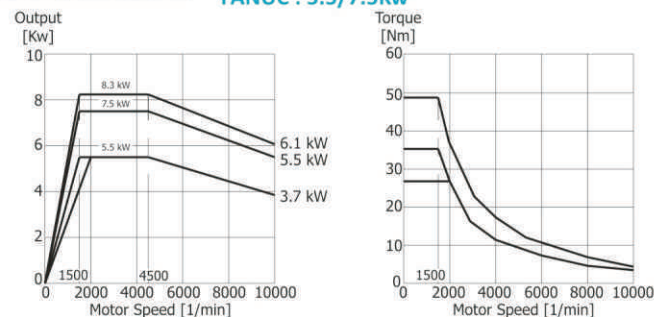


WORKING RANGE

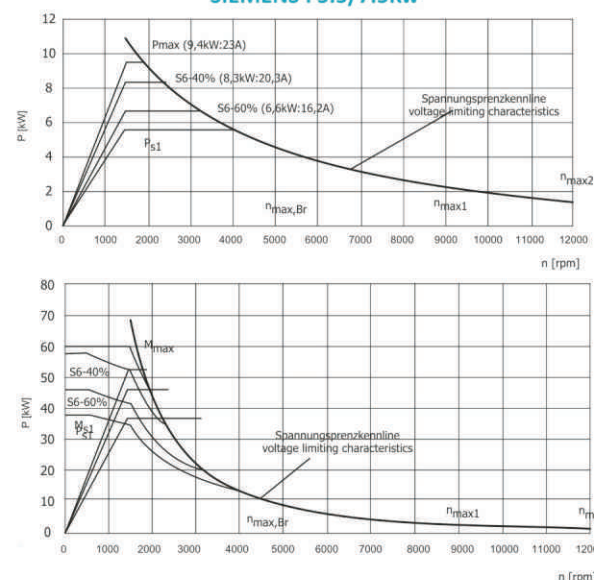


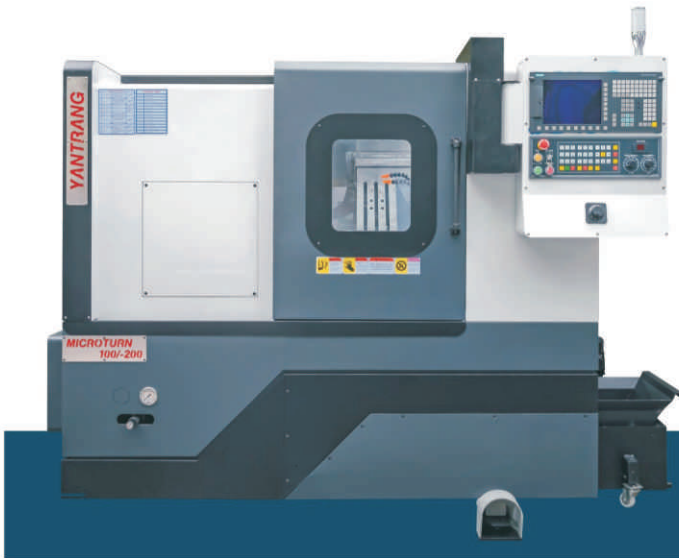
POWER DIAGRAM

FANUC : 5.5/7.5Kw



SIEMENS : 5.5/7.5Kw





MODEL

LINEAR : 100-200

TURRET :200-300

CAPACITY	UNIT	MT - 100	TURRET-200/300
SWING OVER BED	MM	275	500
MAXIMUM TURNING LENGTH	MM	200	300
MAXIMUM DIA. BETWEEN CENTER	MM	-	250
DISTANCE BETWEEN CENTER	MM	-	350
STANDARD TURNING DIA.	MM	100	200
CHUCK SIZE	MM	165	200
MAX. TURNING DIA.	MM	200	300
X-AXIS TRAVEL	MM	380	225
Z-AXIS TRAVEL	MM	225	350
RAPID TRAVERSE	M/Min.	24	24

AXES

X - Z AXIS LM	MM	35	35
Z AXIS BALL SCREW (P x D)		32 x 10	32 x 10
MOTOR TORQUE (Z axis)	NM	7	7
X ASIX BALL SCREW (P x D)		32 x 10	32 x 10
MOTOR TORQUE (X axis)	NM	7	7

MAIN SPINDLE

SPINDLE MOTOR : SIEMENS	KW	7.5 / 9	7.5 / 9
FANUC	KW	7.5 / 11	7.5 / 11
SPINDLE BORE		47	47
SPINDLE NOSE		A2-5	A2-5
MAXIMUM BAR CAPACITY		36	36
SPINDLE SPEED RANGE	RPM	50-3000	50-3000
FULL POWER SPEED RANGE	RPM	750-2250	750-2250

TOOL

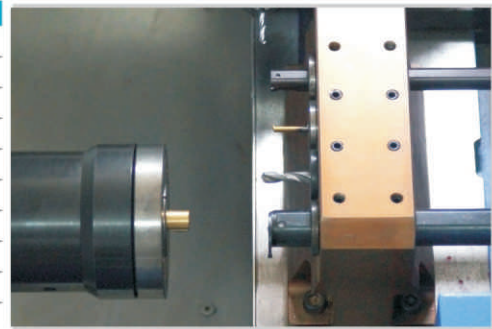
NUMBER OF STATION		-	12 VDI 30
MAX. BORING BAR DIA.		40	32
TOOL SIZE (CROSS SECTION)		25 x 25	20 x 20
LIVE TOOL		as per Required	as per Required

OTHERS

POSITIONING ACCURACY	MM	0.010	0.010
REPEATABILITY	MM	0.005	0.005
TOTAL POWER	KVA	15	15

* BOX GUIDE WAY RAPID 20m/Min.

NOTE : Specification Subject to Change without Prior Notice.



APPLICATION :



MICROTURN Linear Series

CNC Turning Center



Excellence in Metal Cutting



MODEL
MT : 150TS



MODEL
MT : 100

CAPACITY	UNIT	MT - 150TS	MT - 100
SWING OVER BED	MM	275	275
MAXIMUM TURNING LENGTH	MM	120	200
STANDARD TURNING DIA.	MM	100	100
CHUCK SIZE	MM	165	165
MAX. TURNING DIA.	MM	125	200
X-AXIS TRAVEL	MM	380	380
Z-AXIS TRAVEL	MM	475	225
RAPID TRAVERSE (X axis)	M/Min.	20	24
RAPID TRAVERSE (Z axis)	M/Min.	20	24
CENTER HEIGHT	MM	-	105
SLIDE			
X - Z AXIS LM	MM	35	35
Z AXIS BALL SCREW (P x D)		32 x 10	32 x 10
MOTOR TORQUE (Z axis)	NM	6	6
X AXIS BALL SCREW (P x D)		32 x 10	32 x 10
MOTOR TORQUE (X axis)	NM	6	6
MAIN SPINDLE			
SPINDLE MOTOR : SIEMENS	KW	5.5/7.5	7.5 / 9
FANUC	KW	5.5/7.5	5.5 / 7.5
SPINDLE BORE		47	47
SPINDLE NOSE		A2-5	A2-5
MAXIMUM BAR CAPACITY		36	36
SPINDLE SPEED RANGE	RPM	50-3000	50-3000
FULL POWER SPEED RANGE	RPM	750-2250	750-2250
TOOL			
MAX. BORING BAR DIA.		40	32
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25
OTHERS			
WEIGHT	KG.	2500	2400
POSITIONING ACCURACY	MM	0.010	0.010
REPEATABILITY	MM	0.005	0.005
DIMENSION APPROX (L x W x H)	MM	-	2550x1695x1950
TOTAL POWER	KVA	15	15

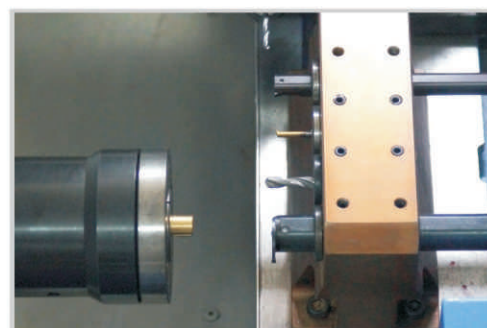
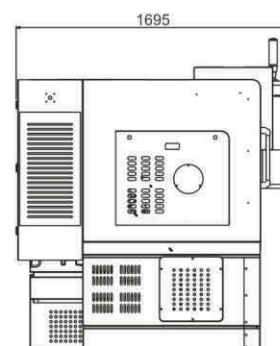
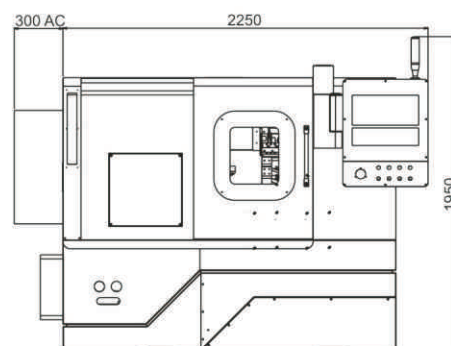
* BOX GUIDE WAY RAPID 20m/Min.

NOTE : Specification Subject to Change without Prior Notice.

APPLICATION :



STRUCTURE DIAGRAM



YANTRANG CNC
AUTOMATION PVT. LTD.



MODEL

200-300 | 200-400 | 200-600 | 200-800

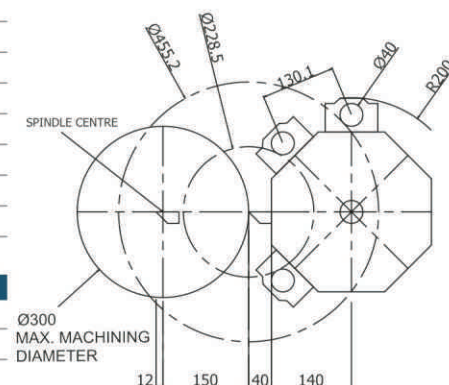
Box Guide / LM Guide Way

CAPACITY	UNIT	200/300	200/400	200/600	200/800
SWING OVER BED	MM	500	500	500	500
MAXIMUM TURNING LENGTH	MM	325	410	600	800
MAXIMUM DIA. BETWEEN CENTER	MM	250	250	250	250
DISTANCE BETWEEN CENTER	MM	350	425	600	800
STANDARD TURNING DIA.	MM	200	200	200	200
CHUCK SIZE	MM	200	200	200	200
MAX. TURNING DIA.	MM	330	330	330	330
X-AXIS TRAVEL (A)	MM	175	175	175	175
Z-AXIS TRAVEL (B)	MM	350	425	600	800
RAPID TRAVERSE*	M/Min.	24	24	24	24
SLIDE					
Z AXIS BALL SCREW (P x D)		32 x 10	32 x 10	32 x 10	32 x 10
MOTOR TORQUE (Z axis)	NM	7	7	7	7
X AXIS BALL SCREW (P x D)		32 x 10	32 x 10	32 x 10	32 x 10
MOTOR TORQUE (X axis)	NM	7	7	7	7
MAIN SPINDLE					
SPINDLE MOTOR : SIEMENS	KW	5.5 / 7.5	7.5 / 9	7.5 / 9	7.5 / 9
FANUC	KW	5.5 / 7.5	7.5 / 11	7.5 / 11	7.5 / 11
SPINDLE BORE		47	47 (55)	55 (65)	55 (65)
SPINDLE NOSE		A2-5	A2-5	A2-6	A2-6
MAXIMUM BAR CAPACITY		36	36 (42)	42 (52)	42 (52)
SPINDLE SPEED RANGE	RPM	50-3000	50-3000	50-3000	50-3000
FULL POWER SPEED RANGE	RPM	750-2250	750-2250	750-2250	750-2250
TURRET		BTP-80	BTP-80	BTP-80	BTP-80
NUMBER OF STATION		8	8	8	8
MAX. BORING BAR DIA.		40	40	40	40
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25	25 x 25	25 x 25
TAIL STOCK					
QUILL DIA.		85	85	85	85
QUILL STROKE		120	120	120	120
THRUST (ADJUSTABLE)	KGF	500	500	500	500
OTHERS					
WEIGHT (APPROX)	KG.	2700	2900	3100	3400
POSITIONING ACCURACY	MM	0.010	0.010	0.010	0.010
REPEATABILITY	MM	0.005	0.005	0.005	0.005
TOTAL POWER	KVA	15	15	15	15

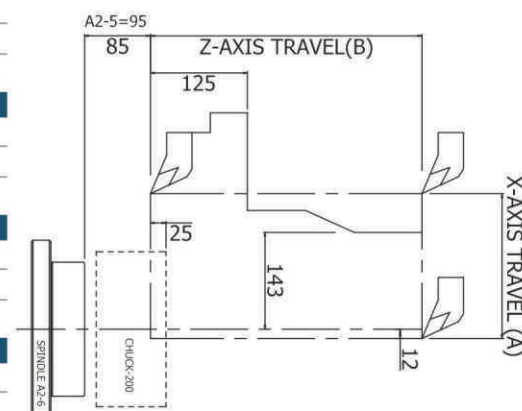
* BOX GUIDE WAY RAPID 20m/Min.

NOTE : Specification Subject to Change without Prior Notice.

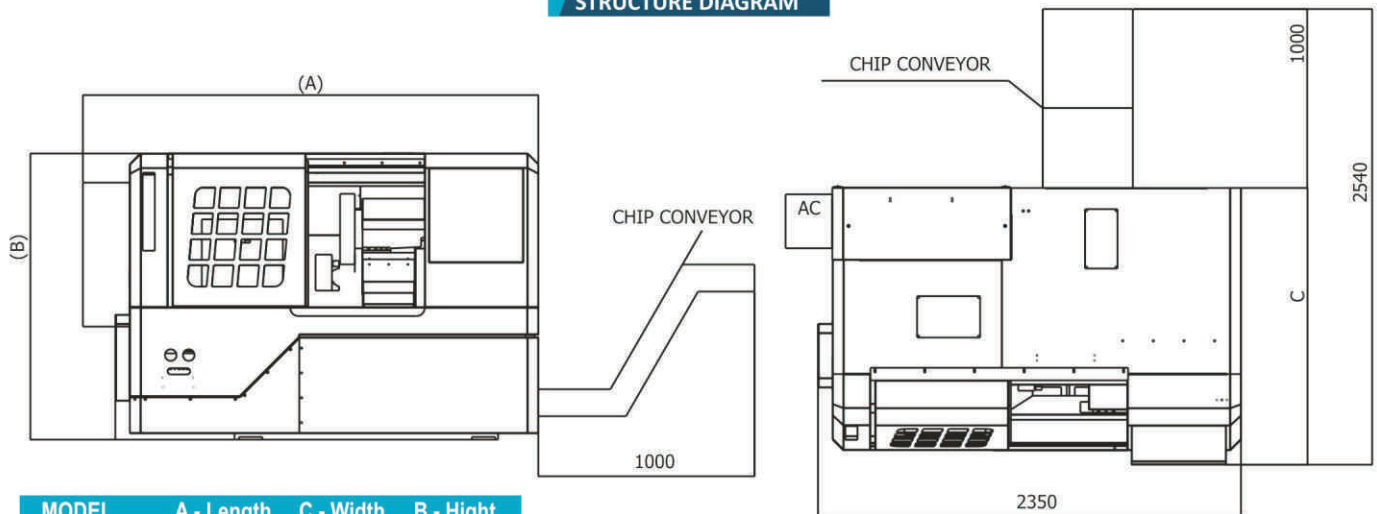
TOOL INTERFERENCE DIAGRAM



WORKING RANGE



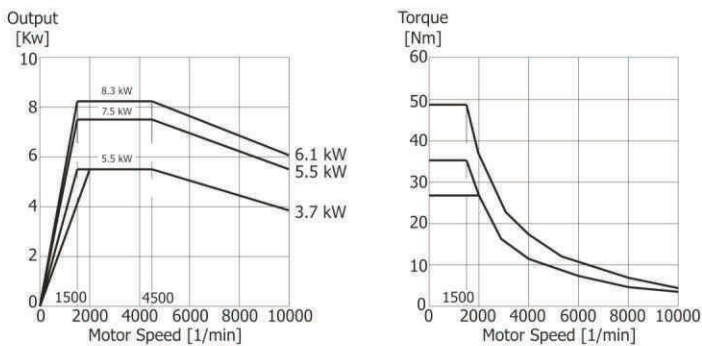
STRUCTURE DIAGRAM



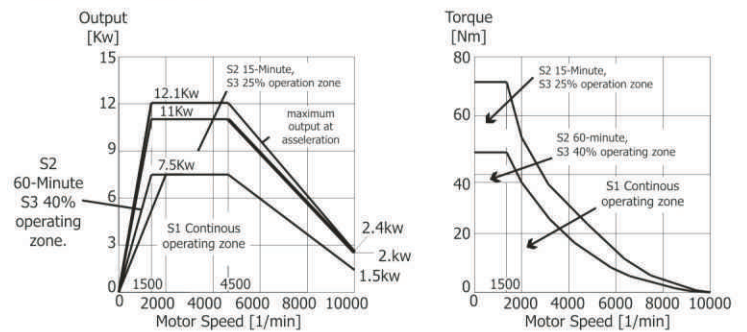
MODEL	A - Length	C - Width	B - Height
M-200/300	2425	1540	1590
M-200/400	2530	1540	1590
M-200/600	2750	1540	1590
M-200/800	2800	1385	1730

POWER DIAGRAM

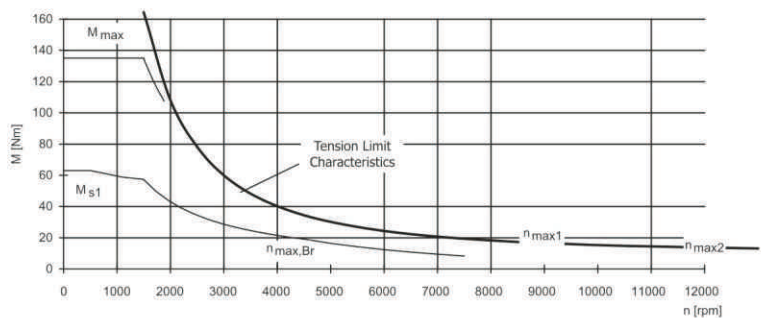
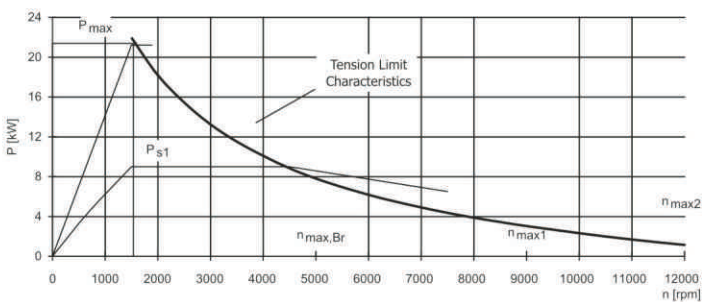
FANUC : 5.5/7.5Kw



FANUC : 7.5/11Kw



SIMENS : 7.5/9Kw





MODEL

200-500 | 300-500 | 400-500
 200-800 | 300-800 | 400-800
 200-1000 | 300-1000 | 400-1000
 200-1250 | 300-1250 | 400-1250
 300-1500 | 400-1500
 300-1800 | 400-1800
 400-2000 | 300-2500
 400-3000 | 500-3000
 400-3500 | 700-3500
 500-4000 | 700-4000

CAPACITY	UNIT	250/500	300/500	400/500	200/800	300/800	400/800	200/1000	300/1000	400/1000	200/1250	300/1250	400/1250
SWING OVER BED	MM	500	600	700	500	600	700	500	600	700	500	600	700
MAXIMUM TURNING LENGTH	MM	500	500	500	800	800	800	1000	1000	1000	1250	1250	1250
MAXI. DIA. BETWEEN CENTER	MM	300	400	500	300	400	500	300	400	500	300	400	500
DISTANCE BETWEEN CENTER	MM	500	500	500	800	800	800	1000	1000	1000	1250	1250	1250
STANDARD TURNING DIA.	MM	200	300	400	200	300	400	200	300	400	200	300	400
CHUCK SIZE	MM	200	300	400	200	300	400	200	300	400	200	300	400
MAX. TURNING DIA.	MM	330	500	600	330	500	600	330	500	600	330	500	600
X-AXIS TRAVEL	MM	175	225	275	175	225	275	175	225	275	175	225	275
Z-AXIS TRAVEL	MM	500	500	500	800	800	800	1000	1000	1000	1250	1250	1250
RAPID TRANSVERSE (X axis)	M/Min.	20	20	20	20	20	20	20	20	20	20	20	20
RAPID TRANSVERSE (Z axis)	M/Min.	20	20	20	20	20	20	20	20	20	20	20	20
SLIDE													
X AXIS BALL SCREW (P x D)		32 x 10	40 x 10	40 x 10	32 x 10	40 x 10	40 x 10	32 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10
Z AXIS BALL SCREW (P x D)		32 x 10	40 x 10	40 x 10	32 x 10	40 x 10	40 x 10	32 x 10	40 x 10	40 x 10	32 x 10	40 x 10	40 x 10
MOTOR TORQUE (Z axis)	NM	11	11	11	11	11	11	11	11	11	11	11	11
MOTOR TORQUE (X axis)	NM	11	11	11	11	11	11	11	11	11	11	11	11
MAIN SPINDLE													
SPINDLE MOTOR : Fanuc	KW	15/11	15/11	15/11	15/11	15/11	15/11	15/11	15/11	15/11	15/11	15/11	15/11
Siemens	KW	12/16	12/16	12/16	12/16	12/16	12/16	12/16	12/16	12/16	12/16	12/16	12/16
SPINDLE BORE		55 (65)	75 (85)	75 (85)	55 (65)	75 (85)	75 (85)	55 (65)	75 (85)	75 (85)	55 (65)	75 (85)	75 (85)
SPINDLE NOSE		A2-6	A2-8	A2-8	A2-6	A2-8	A2-8	A2-6	A2-8	A2-8	A2-6	A2-8	A2-8
MAXIMUM BAR CAPACITY		42 (52)	60 (75)	60 (75)	42 (52)	60 (75)	60 (75)	42 (52)	60 (75)	60 (75)	42 (52)	60 (75)	60 (75)
SPINDLE SPEED RANGE	RPM	50-3000	50-2500	50-1800	50-3000	50-2500	50-1800	50-3000	50-2500	50-1800	50-3000	50-2500	50-1800
FUL POWER SPEED RANGE	RPM	750-2250	500-1500	500-1500	500-1500	500-1500	500-1500	750-2250	500-1500	500-1500	750-2250	500-1500	500-1500
TURRET													
		BTP-80	BTP-100	BTP-100	BTP-80	BTP-100	BTP-100	BTP-80	BTP-100	BTP-100	BTP-80	BTP-100	BTP-100
NUMBER OF STATION		8	8	8	8	8	8	8	8	8	8	8	8
MAX. BORING BAR DIA.		40	40	40	40	40	40	40	40	40	40	40	40
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25
TAIL STROCKE													
QUILL DIA.		85	85	85	85	85	85	85	85	85	85	85	85
QUILL STROCK		120	120	120	120	120	120	120	120	120	120	120	120
THRUST (ADJUSTABLE)	KGF	500	500	500	500	500	500	500	500	500	500	500	500
OTHERS													
WEIGHT	KG.	3500	4000	4100	4500	4700	4800	5000	5200	5300	5500	5700	5800
POSITIONING ACCURACY	MM	0.010	0.010	0.010	0.010	0.010	0.01	0.01	0.01	0.01	0.01	0.01	0.01
REPEATABILITY	MM	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

* BOX GUIDE WAY RAPID 20m/Min.

NOTE : Specification Subject to Change without Prior Notice.



CAPACITY	UNIT	300/1500	400/1500	300/1800	400/1800	400/2000	400/2500	400/3000	500/3000	500/3500	700/3500	500/4000	700/4000
SWING OVER BED	MM	600	700	600	700	700	700	700	800	800	1000	800	1000
MAXIMUM TURNING LENGTH	MM	1500	1500	1800	1800	2000	2400	2950	2950	3450	3450	3950	3950
MAXI. DIA. BETWEEN CENTER	MM	400	500	400	500	340	500	380	380	380	410	380	410
DISTANCE BETWEEN CENTER	MM	1500	1500	1800	1800	2000	2500	3000	3000	3500	3500	3500	3500
STANDARD TURNING DIA.	MM	300	400	300	400	400	400	400	500	500	700	500	700
CHUCK SIZE	MM	300	400	300	400	400	400	400	530	530	530	530	530
MAX. TURNING DIA.	MM	500	600	500	600	600	600	600	650	650	900	650	900
X-AXIS TRAVEL	MM	225	275	225	275	275	275	275	350	350	475	350	475
Z-AXIS TRAVEL	MM	1500	1500	1800	1800	2010	2500	3000	3000	3500	3500	4000	4000
RAPID TRANSVERSE (X axis)	M/Min.	20	20	20	20	20	20	15	15	15	15	15	15
RAPID TRANSVERSE (Z axis)	M/Min.	15	15	15	15	15	15	10	10	8	8	8	8
SLIDE													
X AXIS BALL SCREW (P x D)		40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10
Z AXIS BALL SCREW (P x D)		40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	50 x 10	50 x 10	50 x 10	63 x 10	63 x 10	63 x 10	63 x 10
MOTOR TORQUE (Z axis)	NM	20	20	20	20	20	20	20	20	20	20	20	20
MOTOR TORQUE (X axis)	NM	11	11	11	11	11	16	20	20	20	20	20	20
MAIN SPINDLE													
SPINDLE MOTOR : Fanuc	KW	15/11	15/11	15/11	15/11	18/15	22/18	22/18	22/18	22/26	22/26	22/26	22/26
Siemens	KW	18/15	18/15	18/15	18/15	18/15	22/18	22/18	22/18	22/26	22/26	22/26	22/26
SPINDLE BORE		75 (85)	75 (85)	75 (85)	75 (85)	110	110	110	110	110	110	110	110
SPINDLE NOSE		A2-8	A2-8	A2-8	A2-8	A2-11	A2-11	A2-11	A2-11	A2-11	A2-11	A2-11	A2-11
MAXIMUM BAR CAPACITY		60 (75)	60 (75)	60 (75)	60 (75)	90	90	90	90	90	90	90	90
SPINDLE SPEED RANGE	RPM	50-2500	50-2000	50-2500	50-2000	50-2000	50-2000	50-2000	50-1200	50-1200	50-1200	50-1200	50-1200
FUL POWER SPEED RANGE	RPM	500-1500	400-1200	500-1500	400-1200	400-1200	400-1200	400-1200	300-1000	300-1000	300-1000	300-1000	300-1000
TURRET													
		BTP-100	BTP-100	BTP-100	BTP-125	BTP-125	BTP-125	BTP-125	BTP-125	BTP-125	BTP-160	BTP-160	BTP-160
NUMBER OF STATION		8	8	8	8	8	8	8	8	8	8	8	8
MAX. BORING BAR DIA.		40	40	40	40	50	50	50	50	50	60	60	60
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25	25 x 25	25 x 25	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32
TAIL STROCKE													
QUILL DIA.		85	85	130	130	130	130	130	130	130	170	170	170
QUILL STROCK		120	120	120	120	120	120	120	120	120	120	120	120
THRUST (ADJUSTABLE)	KGF	500	500	500	500	500	500	500	500	500	1000	1000	1000
OTHERS													
WEIGHT	KG.	6500	6600	7500	8000	9000	11000	12500	12900	14000	15500	16000	17000
POSITIONING ACCURACY	MM	0.01	0.01	0.01	0.01	0.01	0.01	0.012	0.012	0.012	0.012	0.012	0.012
REPEATABILITY	MM	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.01	0.01	0.01	0.01

* BOX GUIDE WAY RAPID 20m/Min.

NOTE : Specification Subject to Change without Prior Notice.



MODEL

200-500 | 300-500 | 400-500
 200-800 | 300-800 | 400-800
 200-1000 | 300-1000 | 400-1000
 200-1250 | 300-1250 | 400-1250
 300-1500 | 400-1500
 300-1800 | 400-1800
 300-2500 | 400-2500

CAPACITY	UNIT	250/500	300/500	400/500	200/800	300/800	400/800	200/1000	300/1000	400/1000
SWING OVER BED	MM	500	600	700	500	600	700	500	600	700
MAXIMUM TURNING LENGTH	MM	500	500	500	800	800	800	1000	1000	1000
MAXI. DIA. BETWEEN CENTER	MM	300	400	500	300	400	500	300	400	500
DISTANCE BETWEEN CENTER	MM	500	500	500	800	800	800	1000	1000	1000
STANDARD TURNING DIA.	MM	200	300	400	200	300	400	200	300	400
CHUCK SIZE	MM	200	300	400	200	300	400	200	300	400
MAX. TURNING DIA.	MM	300	400	500	300	400	500	300	400	500
X-AXIS TRAVEL	MM	175	225	275	175	225	275	175	225	275
Z-AXIS TRAVEL	MM	500	500	500	800	800	800	1000	1000	1000
Y AXIS TRAVEL - Optional (±)	MM	±50	±50	±50	±50	±50	±50	±50	±50	±50
RAPID TRANSVERSE (X & Y axis)	M/Min.	20	20	20	20	20	20	20	20	20
RAPID TRANSVERSE (Z axis)	M/Min.	20	20	20	20	20	20	20	20	20
SLIDE										
X AXIS BALL SCREW (P x D)		32 x 10	40 x 10	40 x 10	32 x 10	40 x 10	40 x 10	32 x 10	40 x 10	40 x 10
Z AXIS BALL SCREW (P x D)		32 x 10	40 x 10	40 x 10	32 x 10	40 x 10	40 x 10	32 x 10	40 x 10	40 x 10
MOTOR TORQUE (Z axis)	NM	11	11	11	11	11	11	11	11	11
MOTOR TORQUE (X axis)	NM	11	11	11	11	11	11	11	11	11
Y AXIS BALL SCREW - Optional		32 x 10	32 x 10	40 x 10	32 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10
MOTOR TORQUE (Y axis) Optional	NM	11	11	11	11	11	11	11	11	11
MAIN SPINDLE										
SPINDLE MOTOR : Fanuc	KW	15/11	15/11	15/11	15/11	15/11	15/11	15/11	15/11	15/11
Siemens	KW	12/16	12/16	12/16	12/16	12/16	12/16	12/16	12/16	12/16
SPINDLE BORE		55 (65)	75 (85)	75 (85)	55 (65)	75 (85)	75 (85)	55 (65)	75 (85)	75 (85)
SPINDLE NOSE		A2-6	A2-8	A2-8	A2-6	A2-8	A2-8	A2-6	A2-8	A2-8
MAXIMUM BAR CAPACITY		42 (52)	60 (75)	60 (75)	42 (52)	60 (75)	60 (75)	42 (52)	60 (75)	60 (75)
SPINDLE SPEED RANGE	RPM	50-3000	50-2500	50-1800	50-3000	50-2500	50-1800	50-3000	50-2500	50-1800
FUL POWER SPEED RANGE	RPM	750-2250	500-1500	500-1500	500-1500	500-1500	500-1500	750-2250	500-1500	500-1500
TURRET										
		BMT-65	BMT-65	BMT-65	BMT-65	BMT-65	BMT-65	BMT-65	BMT-65	BMT-65
NUMBER OF STATION		12	12	12	12	12	12	12	12	12
MAX. BORING BAR DIA.		40	40	40	40	40	40	40	40	40
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25
TOOL SPEED	RPM	4000	3000	3000	4000	3000	3000	4000	3000	3000
LIVE TOOL MOTOR	KW	3	4.7	4.7	3	4.7	4.7	3	4.7	4.7
TAIL STOCK										
QUILL DIA.		85	85	85	85	85	85	85	85	85
QUILL STROKE		120	120	120	120	120	120	120	120	120
THRUST (ADJUSTABLE)	KGF	500	500	500	500	500	500	500	500	500
OTHERS										
WEIGHT	KG.	3500	4000	4100	4500	4700	4800	5000	5200	5300
POSITIONING ACCURACY	MM	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
REPEATABILITY	MM	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

* BOX GUIDE WAY RAPID 20m/Min.

NOTE : Specification Subject to Change without Prior Notice.

HICUT Turnmill Series

CNC Turning Center



CAPACITY	UNIT	200/1250	300/1250	400/1250	300/1500	400/1500	300/1800	400/1800	300/2500	400/2500
SWING OVER BED	MM	500	600	700	600	700	600	700	600	700
MAXIMUM TURNING LENGTH	MM	1250	1250	1250	1500	1500	1800	1800	2400	2400
MAXI. DIA. BETWEEN CENTER	MM	300	400	500	400	500	400	500	400	500
DISTANCE BETWEEN CENTER	MM	1250	1250	1250	1500	1500	1800	1800	2500	2500
STANDARD TURNING DIA.	MM	200	300	400	300	400	300	400	300	400
CHUCK SIZE	MM	200	300	400	300	400	300	400	300	400
MAX. TURNING DIA.	MM	300	400	500	400	500	400	500	400	500
X-AXIS TRAVEL	MM	175	225	275	225	275	225	275	225	275
Z-AXIS TRAVEL	MM	1250	1250	1250	1500	1500	1800	1800	2500	2500
Y AXIS TRAVEL - Optional (±)	MM	±50	±50	±50	±60	±60	±60	±60	±70	±70
RAPID TRANSVERSE (X & Y axis)	M/Min.	20	20	20	20	20	20	20	20	20
RAPID TRANSVERSE (Z axis)	M/Min.	20	20	20	15	15	15	15	15	15
SLIDE										
X AXIS BALL SCREW (P x D)		40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10
Z AXIS BALL SCREW (P x D)		32 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	50 x 10	50 x 10
MOTOR TORQUE (Z axis)	NM	11	11	11	20	20	20	20	20	20
MOTOR TORQUE (X axis)	NM	11	11	11	16	16	16	16	16	16
Y AXIS BALL SCREW - Optional		40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10
MOTOR TORQUE (Y axis) Optional	NM	11	11	11	16	16	16	16	16	16
MAIN SPINDLE										
SPINDLE MOTOR : Fanuc	KW	15/11	15/11	15/11	18/15	18/15	18/15	18/15	22/18	22/18
Siemens	KW	12/16	12/16	12/16	18/15	18/15	18/15	18/15	22/18	22/18
SPINDLE BORE		55 (65)	75 (85)	75 (85)	75 (85)	110	75 (85)	110	75 (85)	110
SPINDLE NOSE		A2-6	A2-8	A2-8	A2-8	A2-11	A2-8	A2-11	A2-11	A2-11
MAXIMUM BAR CAPACITY		42 (52)	60 (75)	60 (75)	60 (75)	95	60 (75)	95	60 (75)	95
SPINDLE SPEED RANGE	RPM	50-3000	50-2500	50-1800	50-2500	50-2000	50-2500	50-2000	50-2000	50-2000
FUL POWER SPEED RANGE	RPM	750-2250	500-1500	500-1500	500-1500	400-1200	500-1500	400-1200	400-1200	400-1200
TURRET										
		BMT-65	BMT-65	BMT-65	BMT-65	BMT-65	BMT-65	BMT-65	BMT-65	BMT-65
NUMBER OF STATION		12	12	12	12	12	12	12	12	12
MAX. BORING BAR DIA.		40	40	40	40	50	40	50	50	50
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25	25 x 25	25 x 25	32 x 32	25 x 25	32 x 32	32 x 32	32 x 32
TOOL SPEED	RPM	4000	3000	3000	3000	3000	3000	3000	3000	3000
LIVE TOOL MOTOR	KW	3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
TAIL STOCK										
QUILL DIA.		85	85	85	85	85	130	130	130	130
QUILL STROKE		120	120	120	120	120	100	100	100	100
THRUST (ADJUSTABLE)	KGF	500	500	500	500	500	500	500	500	500
OTHERS										
WEIGHT	KG.	5500	5700	5800	6500	6600	7500	8000	10000	11000
POSITIONING ACCURACY	MM	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
REPEATABILITY	MM	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005



MODEL

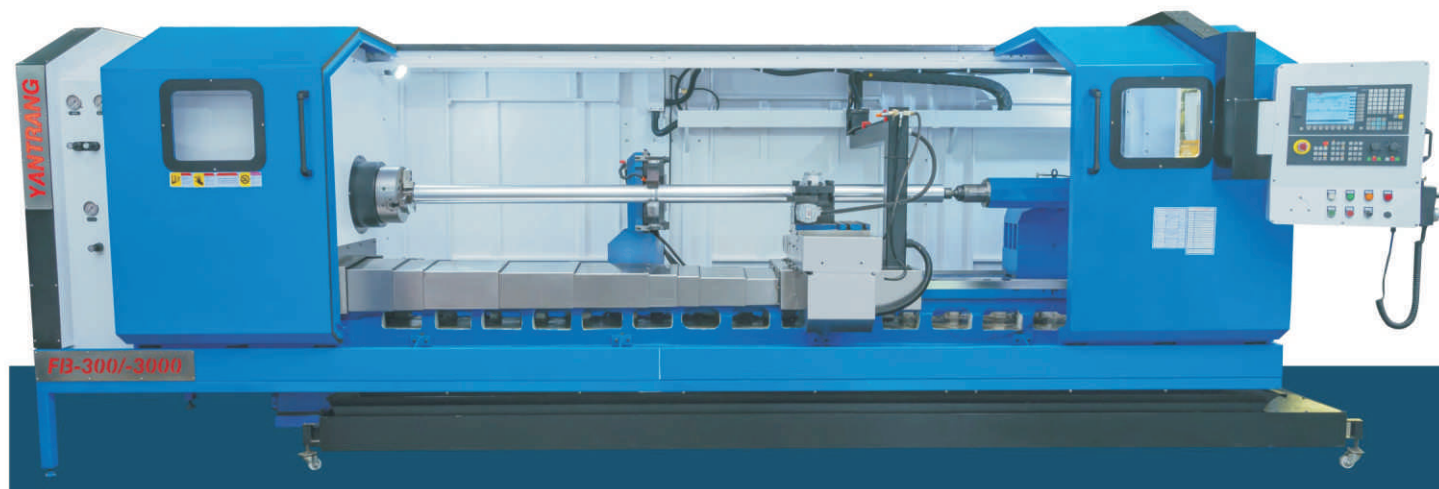
250-600 | 250-1000
 300-1000 | 300-1500
 400-2000 | 400-3000 | 400-4000
 500-3000
 600-1000 | 600-2000
 600-3000 | 600-4000
 800-1000 | 800-2000 | 800-3000
 800-5000 | 800-6000

CAPACITY	UNIT	250/600	250/1000	300/1000	300/1500	400/2000	400/3000	400/4000	500/3000
SWING OVER BED	MM	500	500	550	550	700	700	700	700
MAXIMUM TURNING LENGTH	MM	600	1000	1000	1500	2000	3000	4000	3000
MAXI. DIA. BETWEEN CENTER	MM	250	250	300	300	400	400	400	500
DISTANCE BETWEEN CENTER	MM	600	1100	1100	1550	2150	3150	4150	3150
STANDARD TURNING DIA.	MM	250	250	300	300	400	400	400	500
CHUCK SIZE	MM	250	250	300	300	400	400	400	530
MAX. TURNING DIA.	MM	400	400	400	400	500	500	500	600
X-AXIS TRAVEL	MM	225	225	250	250	275	275	275	325
Z-AXIS TRAVEL	MM	700	1100	1100	1550	2150	3150	4150	3150
RAPID TRANSVERSE (X-AXIS)	M/Min.	15	15	15	15	15	15	15	15
RAPID TRANSVERSE (Z-AXIS)	M/Min.	15	15	15	12	10	10	10	5
SLIDE									
X AXIS BALL SCREW (P x D)		32 x 10	32 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10	40 x 10
Z AXIS BALL SCREW (P x D)		32 x 10	40 x 10	40 x 10	40 x 10	40 x 10	50 x 10	50 x 10	50 x 10
MOTOR TORQUE (Z axis)	NM	6	6	8	8	11	16	16	16
MOTOR TORQUE (X axis)	NM	6	6	8	8	11	16	16	16
MAIN SPINDLE									
INDUCTION SPINDLE MOTOR	KW	7.5	7.5	11	11	15	22	22	22
SPINDLE BORE		56	56	75	75	75	75	75	110
SPINDLE NOSE		A2-6	A2-6	A2-8	A2-8	A2-8	A2-11	A2-11	A2-11
MAXIMUM BAR CAPACITY		46	46	60	60	60	60	60	90
SPINDLE SPEED RANGE	RPM	200-1500	200-1500	200-800	200-800	200-800	200-800	200-800	200-800
TURRET									
		SQTP-190	SQTP-190	SQTP-190	SQTP-190	SQTP-190	SQTP-190	SQTP-190	SQTP-190
NUMBER OF STATION		4	4	4	4	4	4	4	4
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25
TAIL STROKE									
QUILL DIA.		85	85	100	100	100	130	130	130
QUILL STROKE		250	250	250	250	250	250	250	250
THRUST (ADJUSTABLE)	KGF	700	700	700	700	700	700	700	700
OTHERS									
POSITIONING ACCURACY	MM	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
REPEATABILITY	MM	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015

NOTE : Specification Subject to Change without Prior Notice.

FLAT BED Lathe / Turnmill

CNC Turning Center



CAPACITY	UNIT	600/1000	600/2000	600/3000	600/4000	800/1000	800/2000	800/3000	800/5000	800/6000
SWING OVER BED	MM	850	850	850	850	1000	1000	1000	1000	1000
MAXIMUM TURNING LENGTH	MM	1000	2000	3000	4000	1000	2000	3000	5000	6000
MAXI. DIA. BETWEEN CENTER	MM	600	600	600	600	800	800	800	800	800
DISTANCE BETWEEN CENTER	MM	1100	2150	3150	4150	1150	2150	3150	5150	6150
STANDARD TURNING DIA.	MM	600	600	600	600	800	800	800	800	800
CHUCK SIZE	MM	600	600	600	600	600/800	600/800	600/800	600/800	600/800
MAX. TURNING DIA.	MM	750	750	750	750	1000	1000	1000	1000	1000
X-AXIS TRAVEL	MM	400	400	400	400	525	525	525	525	525
Z-AXIS TRAVEL	MM	1100	2150	3150	4150	1150	2150	3150	5150	6150
RAPID TRANSVERSE (X-AXIS)	M/Min.	15	15	15	15	15	15	15	15	15
RAPID TRANSVERSE (Z-AXIS)	M/Min.	10	10	10	5	10	10	5	5	5
SLIDE										
X AXIS BALL SCREW (P x D)		40 x 10	40 x 10	40 x 10	50 x 10	50 x 10	50 x 10	50 x 10	63 x 10	63 x 10
Z AXIS BALL SCREW (P x D)		50 x 10	50 x 10	50 x 10	Rack & Pinion	50 x 10	Rack & Pinion	Rack & Pinion	Rack & Pinion	Rack & Pinion
MOTOR TORQUE (Z axis)	NM	16	20	20	20	20	20	20	20	20
MOTOR TORQUE (X axis)	NM	16	16	16	16	16	16	16	16	16
MAIN SPINDLE										
INDUCTION SPINDLE MOTOR	KW	22	22	22	22	30	30	30	30	30
SPINDLE BORE		110	110	110	110	110	110	150	150	150
SPINDLE NOSE		A2-11	A2-11	A2-11	A2-11	A2-11	A2-11	A2-15	A2-15	A2-15
MAXIMUM BAR CAPACITY		90	90	90	90	90	90	120	120	120
SPINDLE SPEED RANGE	RPM	200-800	100-500	100-500	100-500	100-500	100-500	50-500	50-500	50-500
TURRET										
NUMBER OF STATION		4	4	4	4	4	4	4	4	4
TOOL SIZE (CROSS SECTION)		32 x 32	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32	32 x 32
TAIL STROKE										
QUILL DIA.		130	130	130	130	130	130	130	130	130
QUILL STROKE		250	250	250	250	250	250	250	250	250
THRUST (ADJUSTABLE)	KGF	700	700	700	700	700	700	700	700	700
OTHERS										
POSITIONING ACCURACY	MM	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
REPEATABILITY	MM	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015

NOTE : Specification Subject to Change without Prior Notice.



VX

400 | 500 | 650 | 800 | 850 | 1000 | 1250 | 1350 | 1550 | 1850

SPECIFICATION	UNIT	VX-400	VX-500	VX-650	VX-800	VX-850
TRAVELS						
X	MM	400	500	650	800	850
Y	MM	360	500	500	500	650
Z	MM	360	510	510	510	510
SPINDLE NOSE TO TABLE	MM	102-462	102-612	102-612	102-612	102-612
TABLE						
LENGTH	MM	650	675	825	1000	1020
WIDTH	MM	360	500	500	500	550
MAX WEIGHT ON TABLE	KG.	200	400	400	500	500
T-SLOT WIDTH	MM	3 x 14	5 x 16	5 x 16	5 x 16	5 x 18
T-SLOT CENTER DISTANCE	MM	115	95	95	95	100
SPINDLE						
SPINDLE NOSE (Optional)		BT 40	BT 40	BT 40	BT 40	BT 40 (50)
SPEED	RPM	8000	8000	8000	8000	8000 (6000)
DRIVE SYSTEM (DIRECT DRIVE)		BELT DRIVE	BELT DRIVE	BELT DRIVE	BELT DRIVE	BELT DRIVE
FRONT BEARING ID DIAMETER		60	60	70	70	70 (100)
BEARING LUBRICATION		GREASE	GREASE	GREASE	GREASE	GREASE
COOLING		-	-	-	-	-
SPINDLE MOTOR MAX RATING (FANUC)	KW	5.5/7.5	7.5/11	7.5/11	7.5/11	7.5/11 (11/15)
SPINDLE MOTOR MAX RATING (SIEMENS)	KW	7.5/9	7.5/9	7.5/9	7.5/9	7.5/9 (12/16)
AXIS MOTORS						
RAPIDS ON Z AXIS		24m/min.	24m/min.	24m/min.	24m/min.	20m/min.
RAPIDS ON X & Y AXES		24m/min.	24m/min.	24m/min.	24m/min.	24m/min.
MAX CUTTING FEED		10m/min.	10m/min.	10m/min.	10m/min.	10m/min.
TOOL CHANGER						
NO. OF TOOLS		24	24	24	24	24
MAX TOOL DIA. STANDARD (Full/ADJACENT EMPTY)		89/125	89/125	89/125	89/125	89/125 (130/200)
MAX. TOOL WEIGHT	KG.	7	7	7	7	7 (20)
CHANGER TYPE STANDARD		ARM TYPE	ARM TYPE	ARM TYPE	ARM TYPE	ARM TYPE
ACCURACY						
POSITIONING	MM	0.010	0.010	0.010	0.010	0.010
REPEATABILITY	MM	0.007	0.007	0.007	0.007	0.007
MACHINE WEIGHT	KG.	3200	4000	4500	5200	5800
GUARD DIMENSION : LENGTH	MM	1975	2100	2250	2300	2360
WIDTH	MM	1950	2250	2250	2150	2600
HEIGHT	MM	2475	2600	2685	2660	2790

- Linear Motion Guideway, Rapid 24m/min
- Harden & Ground Box Guideway, Rapid 20m/min



SPECIFICATION	UNIT	VX-1000	VX-1250	VX-1350	VX-1550	VX-1850
TRAVELS						
X	MM	1000	1250	1350	1550	1850
Y	MM	650	650	710	710 (1000)	810
Z	MM	610	610	710	810	810
SPINDLE NOSE TO TABLE	MM	102-712	102-712	102-812	150-960 (200-1010)	150-960 (200-1010)
TABLE						
LENGTH	MM	1250	1500	1500	1700	2000
WIDTH	MM	600	600	600	810 (1000)	810
MAX WEIGHT ON TABLE	KG.	1000	1100	1200	2000	2500
T-SLOT WIDTH	MM	5 x 18	5 x 18	5 x 18	5 x 18 (7 x 22)	5 x 18
T-SLOT CENTER DISTANCE	MM	125	125	125	150 (160)	150
SPINDLE						
SPINDLE NOSE (Optional)		BT 40 (50)	BT 40 (50)	BT 40 (50)	BT 40 (50)	BT 40 (50)
SPEED	RPM	8000 (6000)	8000 (6000)	8000 (6000)	8000 (6000)	8000 (6000)
DRIVE SYSTEM (DIRECT DRIVE)		BELT DRIVE	BELT DRIVE	BELT DRIVE	BELT DRIVE	BELT DRIVE
FRONT BEARING ID DIAMETER		70 (100)	70 (100)	70 (100)	70 (100)	70 (100)
BEARING LUBRICATION		GREASE	GREASE	GREASE	GREASE	GREASE
COOLING		-	-	-	-	-
SPINDLE MOTOR MAX RATING (FANUC)	KW	7.5/11 (11/15)	7.5/11 (11/15)	7.5/11 (11/15)	11/15 (15/18)	11/15 (15/18)
SPINDLE MOTOR MAX RATING (SIEMENS)	KW	7.5/9 (12/16)	7.5/9 (12/16)	7.5/9 (12/16)	12/16 (15/18)	12/16 (15/18)
AXIS MOTORS						
RAPIDS ON Z AXIS		20m/min.	20m/min.	20m/min.	20m/min.	20m/min.
RAPIDS ON X & Y AXES		24m/min.	24m/min.	24m/min.	24m/min.	24m/min.
MAX CUTTING FEED		10m/min.	10m/min.	10m/min.	10m/min.	10m/min.
TOOL CHANGER						
NO. OF TOOLS		24	24	24	24	24
MAX TOOL DIA. STANDARD (Full/ADJACENT EMPTY)		89/125 (130/200)	89/125 (130/200)	89/125 (130/200)	89/125 (130/200)	89/125 (130/200)
MAX. TOOL WEIGHT	KG.	7 (20)	7 (20)	7 (20)	7 (20)	7 (20)
CHANGER TYPE STANDARD		ARM TYPE	ARM TYPE	ARM TYPE	ARM TYPE	ARM TYPE
ACCURACY						
POSITIONING	MM	0.010	0.010	0.010	0.010	0.010
REPEATABILITY	MM	0.007	0.007	0.007	0.007	0.007
MACHINE WEIGHT	KG.	6500	7800	9000	14000	16000
GUARD DIMENSION : LENGTH	MM	2850	3250	3350		
WIDTH	MM	2600	2600	2700		
HEIGHT	MM	2960	3000	3280		

NOTE : Specification Subject to Change without Prior Notice.



VTL - TURRET

400 | 500 | 800 (A) | 800(B)

CAPACITY	UNIT	400	500	800 (A)	800 (B)
MAXIMUM SWING DIA.	MM	600	750	1050	1050
MAXIMUM CUTTING HEIGHT	MM	500	700	750	900
DAYLIGHT	MM	500	700	750	900
STANDARD TURNING DIA.	MM	400	500	600	600
CHUCK SIZE	MM	400	400	600	600
MAX. TURNING DIA.	MM	550	700	800	800
X-AXIS TRAVEL	MM	300	380	430	430
Z-AXIS TRAVEL	MM	510	710	760	910
RAPID TRANSVERSE (X-AXIS)	M/Min.	20	15	15	15
RAPID TRANSVERSE (Z-AXIS)	M/Min.	15	15	15	15
MAIN SPINDLE					
SPINDLE MOTOR (Fanuc)	KW	11/15	11/15 (15/18)	15/18	15/18 (22/26)
SPINDLE MOTOR (Siemens)	KW	12/16	12/16 (15/18)	15/18	15/18 (22/26)
SPINDLE BORE		75	85	100	100
SPINDLE NOSE		A2-8	A2-8	A2-11	A2-11
SPINDLE SPEED RANGE	RPM	50-1500	50-1200	50-1000	50-600
FUL POWER SPEED RANGE	RPM	500-1500	375-1200	300-1000	300-600
TURRET		BTP-100	BTP-125	BTP-125	BTP-125
NUMBER OF STATION		8	8	8	8
MAX. BORING BAR DIA.		40	50	50	50
TOOL SIZE (CROSS SECTION)		25 x 25	32 x 32	32 x 32	32 x 32
OTHERS					
WEIGHT	KG.	3500	6500	7600	9300
POSITIONING ACCURACY	MM	0.007	0.009	0.009	0.01
REPEATABILITY	MM	0.007	0.007	0.007	0.007

NOTE : Specification Subject to Change without Prior Notice.

CONTROL SYSTEM FEATURES:

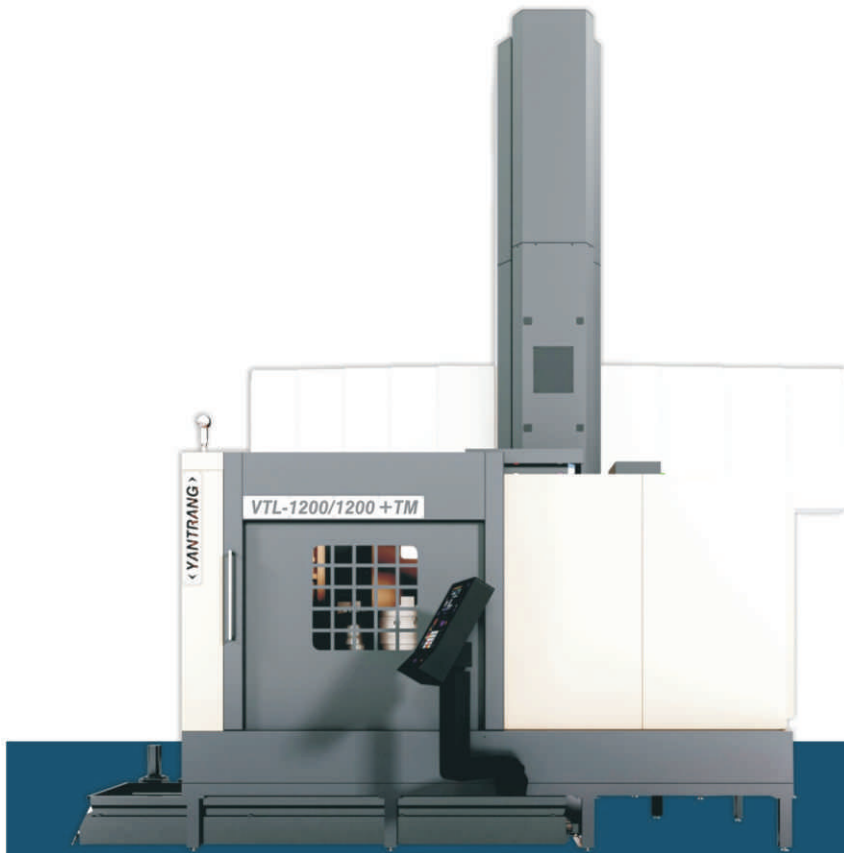
- Manual Data Input
- 2 Axis simultaneous
- Part Program Storage and Editing
- Constant Surface Speed Control
- Tool nose radius Compensation
- Feed rate override
- Circular Interpolation
- Threaded Cutting Cycle
- Direct drawing dimensions programming
- Absolute / Incremental programming
- RS-232 serial interface port
- Backlash compensation
- Graphic Simulation
- Electronic hand wheel
- Run hour display
- LCD display
- Self diagnostic
- USB Port

OPTIONAL :

- 4 Jaw / 6 Jaw Power Chuck
- Automatic Pallet Changer
- Auto Loading / Unloading System
- Tools Setting Probe
- Spindle Gear Box
- Manual Chuck

VTL Quill Series

Vertical Turning Lathe



VTL - QUILL

800-600 | 800-800

1000 | 1250 | 1500 | 1850

CAPACITY	UNIT	800/600	800/800	1000	1250	1500	1850
MAX. SWING DIA.	MM	1050	1050	1250	1500	2000	2500
MAXIMUM BORING LENGTH	MM	600	800	925	925	1200	1200
MAXIMUM CUTTING HEIGHT (Optional)	MM	600	800	925	925	1200(1600)	1200(1600)
DAYLIGHT (Optional)	MM	650	850	1000	1000	1280(1600)	1280(1600)
STANDARD TURNING DIA.	MM	600	600	800	1250	1500	2000
CHUCK SIZE / FACEPLATE	MM	530/800	530/800	600/1000	800/1254	NA/1500	NA/2000
MAX. TURNING DIA.	MM	800	800	1000	1250	1800	2000
X-AXIS TRAVEL	MM	450	450	600	700	850	1350
Z-AXIS TRAVEL	MM	600	800	925	925	1200	1200
CROSS SLIDE TRAVEL (Optional)	MM	-	-	-	-	(700)	(700)
RAPID TRANSVERSE X-AXIS	M/Min.	10	10	7	7	5	5
RAPID TRANSVERSE Z-AXIS	M/Min.	10	10	7	7	5	5
SLIDE							
X AXIS GUIDEWAY		BOX	BOX	BOX	BOX	BOX	BOX
Z AXIS GUIDEWAY		OCTA SHAPE	OCTA SHAPE	OCTA SHAPE	OCTA SHAPE	OCTA SHAPE	OCTA SHAPE
MAIN SPINDLE							
SPINDLE MOTOR (Optional)	KW	22/26	22/26	22/26	30	30	55 (100)
SPINDLE BORE		100	100	110	110	110	110
SPINDLE NOSE		A2-11	A2-11	A2-15	A2-15	A2-15	FLAT
SPINDLE SPEED RANGE	RPM	50-550	50-550	50-400	50-350	25-200	5-100
FUL POWER SPEED RANGE	RPM	200-500	200-500	100-400	75-350	25-200	5-100
ATC BT-50							
NUMBER OF STATION		8	8	8	8	8	8
MAX. BORING BAR DIA.		40	50	50	50	50	50
TOOL SIZE (CROSS SECTION)		25 x 25	25 x 25	32 x 32	32 x 32	32 x 32	32 x 32
OTHERS							
WEIGHT	KG.	6800	8000	11000	12500	15000	20000
POSITIONING ACCURACY	MM	0.01	0.01	0.01	0.015	0.015	0.015
REPEATABILITY	MM	0.01	0.01	0.01	0.015	0.012	0.015

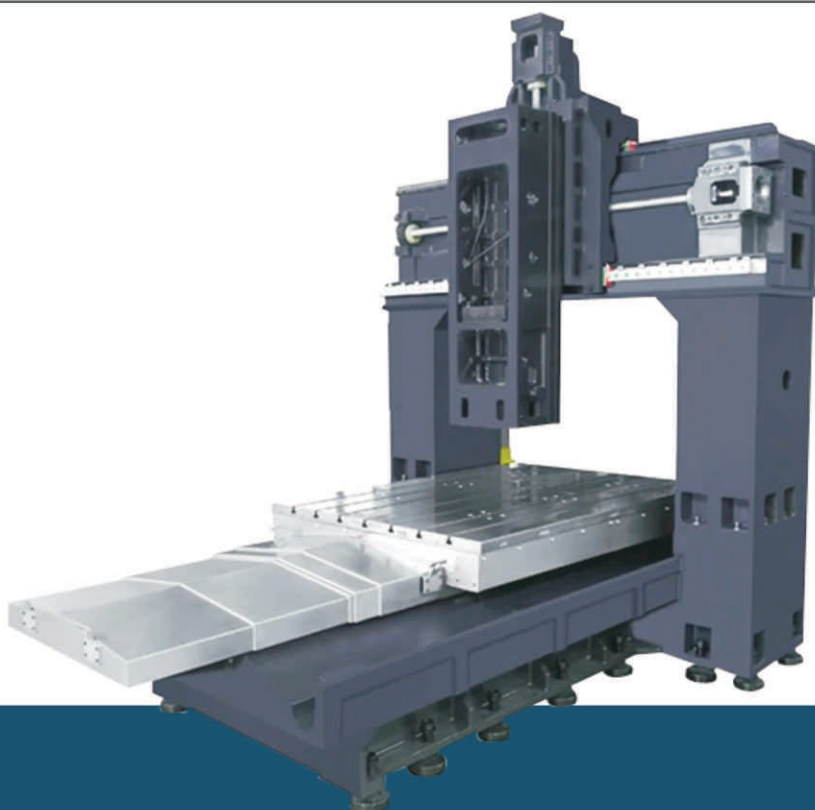
CONTROL SYSTEM FEATURES:

- Manual Data Input
- 2 Axis simultaneous
- Part Program Storage and Editing
- Constant Surface Speed Control
- Tool nose radius Compensation
- Feed rate override
- Circular Interpolation
- Threaded Cutting Cycle
- Direct drawing dimensions programming
- Absolute / Incremental programming
- RS-232 serial interface port
- Backlash compensation
- Graphic Simulation
- Electronic hand wheel
- Run hour display
- LCD display
- Self diagnostick
- USB Port

OPTIONAL :

- Automatic Tool Changer - ATC
- 4 Jaw / 6 Jaw Power Chuck
- Automatic Pallet Changer
- Auto Loading / Unloading System
- Tools Setting Probe
- Spindle Gear Box
- Manual Chuck

NOTE : Specification Subject to Change without Prior Notice.



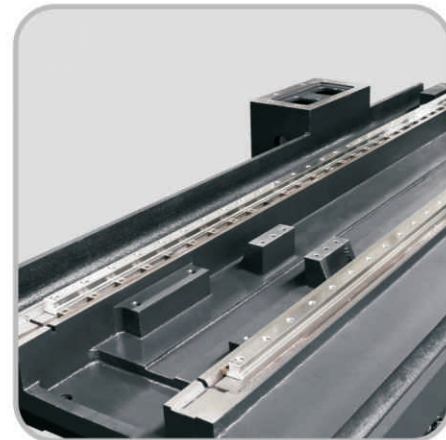
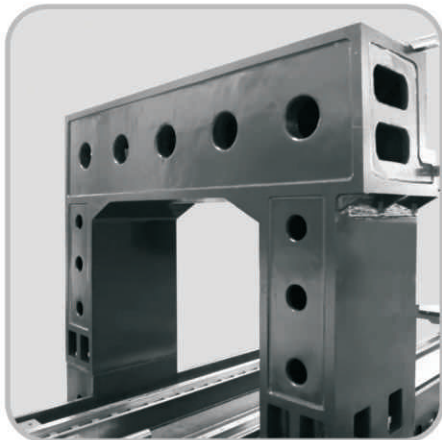
VMC

DC - 2050 | 2250 | 3250 | 3550 | 4250
GM - 4030 | 5030 | 6030

SPECIFICATION		DC - 2050	DC - 2250	DC - 3250	DC - 3550	DC - 4250
TRAVELS						
X - Axis	mm	2000	2250	3250	3500	4250
Y - Axis	mm	1250	1500	1500	2800	2760
Z - Axis	mm	700	800 (1000)	800 (1000)	800 (1000)	800 (1000)
Spindle Nose to Table	mm	150	200	200	200	200
Distance Between Two Columns	mm	1200	1600	1600	2600	2600
TABLE						
Length	mm	2000	2200	3000	3500	3500
Width	mm	900	1250	1250	2200	2200
Max. Weight on Table	kg.	2500	6000	8000	10000	10000
T- Slot Width	mm	6 x 18	9 x 18	9 x 18	12 x 12	12 x 12
T - Slot Center Distance	mm	125	125	125	160	160
SPINDLE						
Spindle Nose		BT 40	BT 50	BT 50	BT 50	BT 50
Speed Range	RPM	8000	6000	6000	6000	6000
Drive System		Belt Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive
Front Bearing ID	mm	70	100	100	100	100
Spindle Motor Power Fanuc	kw	11/15	22/18.5	22/18.5	22/18.5	22/18.5
Spindle Motor Power Siemens	kw	12/15	32.3/21.5	32.3/21.5	32.3/21.5	32.3/21.5
AXIS MOTORS						
Rapid on Z Axis Box Guide	m/min.	15	15	15	15	15
Rapid on X & Y Axis	m/min.	20	20 & 20	15 & 15	15 & 15	15 & 15
Max Cutting Feed	m/min.	20	10	10	10	10
AUTOMATIC TOOL CHANGER						
Number of Tools		24	24	24	24	24
Max. Tool Dia. Standard (Full/Adj.Empty)	mm	89/125	125/250	125/250	125/250	125/250
Max. Tool Weight	kg.	7	15	15	15	15
Changer Type Standard		Arm Type	Arm Type	Arm Type	Arm Type	Arm Type
ACCURACY						
Positioning	mm/mtr	0.02	0.02	0.02	0.02	0.02
Repeatability	mm	0.01	0.012	0.012	0.012	0.012
Machine Weight	kg.	14500	26400	34600	37000	38400

DOUBLE COLUMN Series

Vertical Machining Center



GANTRY TYPE MACHINING CENTER

SPECIFICATION		GM-4030	GM - 5030	GM - 6030
TRAVELS				
X - Axis	mm	4100	5100	6100
Y - Axis	mm	3150	3150	3150
Z - Axis	mm	1000 (1520)	1000 (1250)	1000 (1250)
Spindle Nose to Table	mm	200	200	200
Distance Between Two Columns	mm	3000	3000	3000
TABLE	mm			102-462
Length	mm	4500	5100	6100
Width	mm	2500	2500	2500
Max. Weight on Table	kg.	20000	25000	25000
T- Slot Width	mm	9 x 18	9 x 18	12 x 22
T - Slot Center Distance	mm	125	125	160
SPINDLE				
Spindle Nose		BT 50	BT 50	50
Speed Range	RPM	6000	6000	6000
Drive System		Belt Drive	Belt Drive	Belt Drive
Front Bearing ID	mm	100	100	100
Spindle Motor Power Fanuc	kw	22/18.5	22/18.5	22/18.5
Spindle Motor Power Siemens	kw	32.3/21.5	32.3/21.5	32.3/21.5
AXIS MOTORS				
Rapid on Z Axis Box Guide	m/min.	15	15	15
Rapid on X & Y Axis	m/min.	15 & 15	15 & 15	15 & 15
Max Cutting Feed	m/min.	10	10	10
AUTOMATIC TOOL CHANGER				
Number of Tools		24	24	24
Max. Tool Dia. Standard (Full/Adj.Empty)	mm	125/250	125/250	125/250
Max. Tool Weight	kg.	15	15	15
Changer Type Standard		Arm Type	Arm Type	Arm Type
ACCURACY				
Positioning	mm/mtr	0.02	0.02	0.02
Repeatability ±	mm	0.01	0.01	0.01
Machine Weight	kg.			



AUTO-90-DEGREE-INDEXING
HEAD BT-50



MANUAL-INDEXING HEAD

YANTRANG CNC
AUTOMATION PVT. LTD.

CONTROL SYSTEM FEATURES :

- ☐ Manual Data Input
- ☐ 2 Axis simultaneous
- ☐ Part Program Storage and Editing
- ☐ Constant Surface Speed Control
- ☐ Tool nose radius Compensation
- ☐ Feed rate override
- ☐ Circular Interpolation
- ☐ Threaded Cutting Cycle
- ☐ Direct drawing dimensions programming
- ☐ Absolute / Incremental programming
- ☐ RS-232 serial interface port
- ☐ Backlash compensation
- ☐ Graphic Simulation
- ☐ Electronic hand wheel
- ☐ Run hour display
- ☐ LCD display
- ☐ Self diagnostick
- ☐ USB Port

STANDARD FEATURES :

- ☐ Hardened & Ground EN-9 Box Guideways
- ☐ AC Spindle Drive & Servo Drive
- ☐ Hydraulic Chuck with Actuating cylinder
- ☐ Hydraulic Unit, Foot Switch, Coolant System
- ☐ Centralized Lubrication System
- ☐ Electrical Quality Device
- ☐ Boring holder & Axial holder

OPTIONAL :

- ☐ Chip Conveyor
- ☐ Bar Feeder
- ☐ Bar Puller
- ☐ Hydraulic Turret
- ☐ Stabilizer
- ☐ Auto Door

WARM UP OPERATION :

Warm up Operation in the Machine must be do when machine power on after a certain time. In Warm up Operation of Machine move the all Axis without job in a Program Cycle.

COMPANY PROFILE

We introduce YANTRANG CNC AUTOMATION PVT. LTD. a leading in engineering industries with strong foundation in the Manufacturer & Exporter of CNC Machine.

Our plant is located at Kothariya (Rajkot). The plant has modern facility for manufacturing quality products. YANTRANG CNC AUTOMATION PVT. LTD. has technically strong management team having rich and diverse experience in CNC Machine. We have qualified professional and experience personal in all our department, efficient management, skill team, state-of-art infrastructure and standard process are the real strength of YANTRANG CNC AUTOMATION PVT. LTD. for meeting complete customer satisfaction.

Quality :

Quality is at every step at Aurasa. Every process here starts with quality. We take special care in the production of hygienically best quality products for our consumers. Every process here is under strict vigil of the quality control inspectors. The end products are hygienically packed to provide total satisfaction to our valuable customers.

Infrastructure :

Using the expertise of our in-house Research & Development, we are continually working on new solutions to produce new products. YANTRANG CNC AUTOMATION PVT. LTD. is perfectly placed to handle your critical therapeutic requirements. At YANTRANG CNC AUTOMATION PVT. LTD., we continually strive to develop ideas that have one purpose in mind - Yield Improvement. Our continuous investment into Research and Development ensure that we will remain at the forefront of our markets for the future.

YANTRANG CNC
AUTOMATION PVT. LTD.





YANTRANG CNC AUTOMATION PVT. LTD.

📍 NH-8B, GONDAL ROAD, OPP. PARIN FURNITURE,
INSIDE FROM RAILWAY CROSSING, GOVIND BAG,
KOTHARIYA, RAJKOT-360 022. (GUJARAT) INDIA.

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