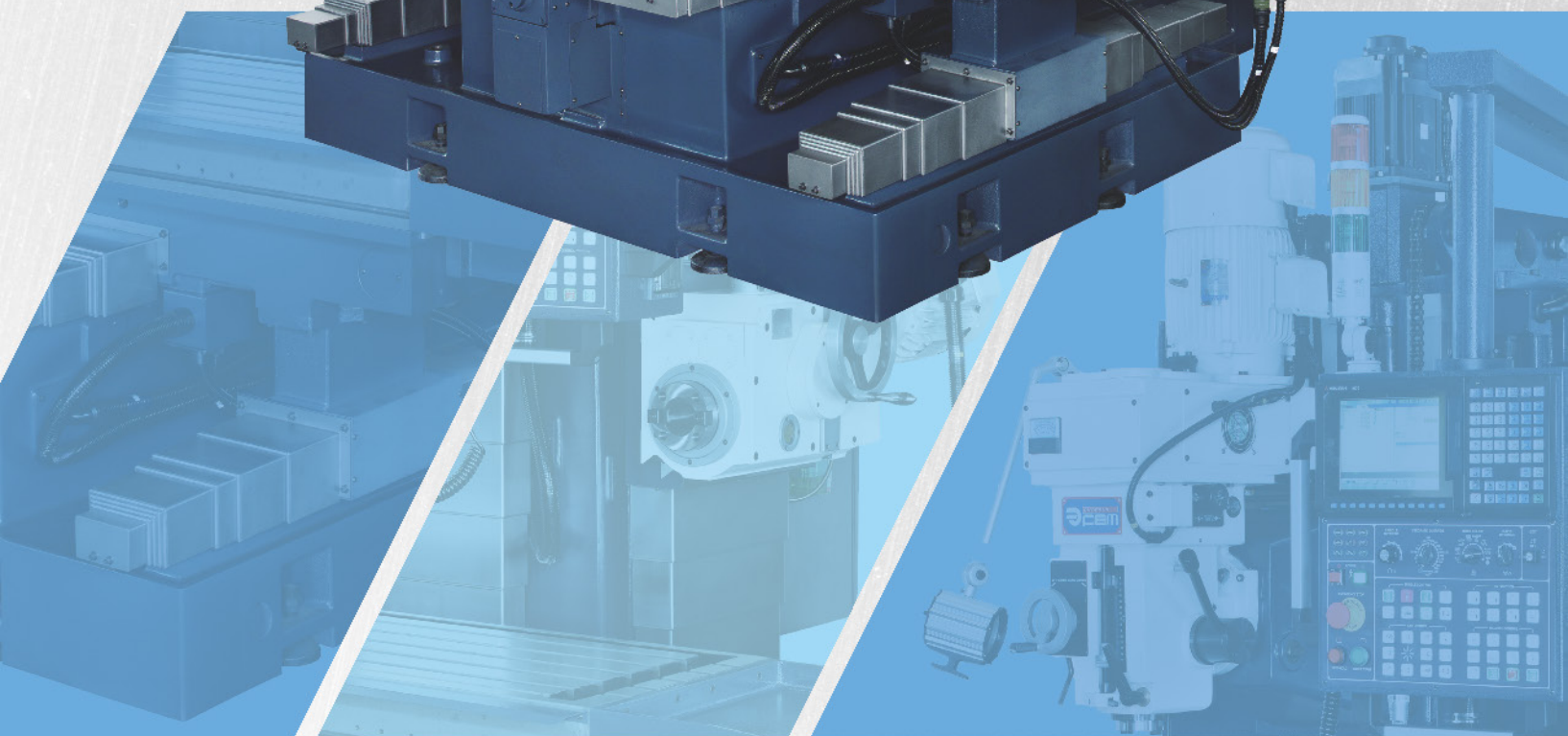




松侑機械工業股份有限公司
PHOEBUS MACHINERY INC.

PBM-VST1500CNC



BED TYPE MILLING CE

PBM-VST1200CNC
TURRET TYPE INVERTER
VARI. SPEED HEAD
SPINDLE TAPER NT 40
CNC CONTROLLER



SPECIFICATION :

UNIT: MM

ITEMS		PBM- VST1500CNC	PBM- VST1200CNC
TABLE	TABLE SIZE	1800x520	1470x350
	T SLOT (WxNO.xPITCH)	18x5x80	18x3x100
TRAVEL	X x Y x Z x H	1500x630x600x550	1200x520x600
FEED	X x Y x Z x H (50/60 HZ)	4000 / MIN	
RAPID	X x Y x Z x H (50/60 HZ)	8000 / MIN	
SLIDE WAY	LONG. & CROSS	DOUBLE V TYPE	
	VERTICAL & HORIZONTAL	SQUARE TYPE	
VERTICAL SPINDLE	SPINDLE NOSE	NT 40	
	STEPS	INVERTER	
	SPINDLE SPEED RPM (50/60 HZ)	60-3600	
	SWIVELLING ANGLE(R & L)	45°	
	QUILL TRAVEL	140	
	QUILL FEEDS/REV	0.035 / 0.07 / 0.14	
	SPINDLE NOSE TO TABLE	100-700	
	SPINDLE CENTER TO COLUMN	660	520
HORIZONTAL SPINDLE	SPINDLE NOSE	NT 50	-
	STEPS	6	-
	SPINDLE SPEED RPM	50 HZ	-
		60 HZ	
	CROSS TRAVEL MANUAL	300	-
	SPINDLE NOSE TO COLUMN	-150 TO +150	-
	SPINDLE CENTER TO TABLE	0-550	-
	DISTANCE BETWEEN TWO SPINDLE	690	-
MOTOR	VERTICAL SPINDLE	5 HP	
	HORIZONTAL SPINDLE	7.5 HP	-
	FEED X,Y,Z,H AXES	AC2.2 x 2.2 x 3.5 x 3.5 KW	AC1 x 1 x 1 KW
	COOLANT PUMP	1/8HP	
SIZE	MACHINE (LxWxH)	3050 x 2675 x 2590	2334 x 2005 x 2490
	NET WEIGHT (KGS)	6400	4000
* SPECIFICATIONS MAY BE CHANGED OR IMPROVED WITHOUT NOTICE.			

STANDARD ACCESSORIES

1. TOOL AND TOOL BOX
2. COOLANT SYSTEM
3. 3 OR 4 AXES SERVO MOTOR
4. 3 OR 4 AXES BALL SCREW
5. VERTICAL HEAD AUTO LUBRICATION PUMP
6. SLIDE WAY AUTO LUBRICATION PUMP
7. MITSUBISHI M80 CONTROLLER

OPTIONAL FUNCTIONS

1. AIR POWER DRAWBAR
2. WORKING LAMP
3. TABLE SPLASH GUARD
4. FULL SPLASH GUARD
5. WITHOUT HORIZONTAL HEAD(H AXIS)
6. SIEMENS CONTROLLER
7. FANUC CONTROLLER

PBM-VST1500

TURRET TYPE

INVERTER

VARI. SPEED HEAD

SPINDLE TAPER NT 40



PBM-ST1500

VERTICAL & HORIZONTAL

GEAR TYPE SOLID HEAD

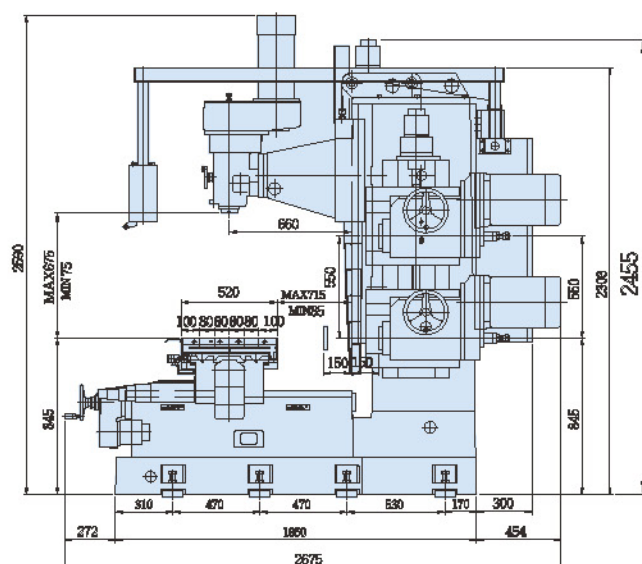
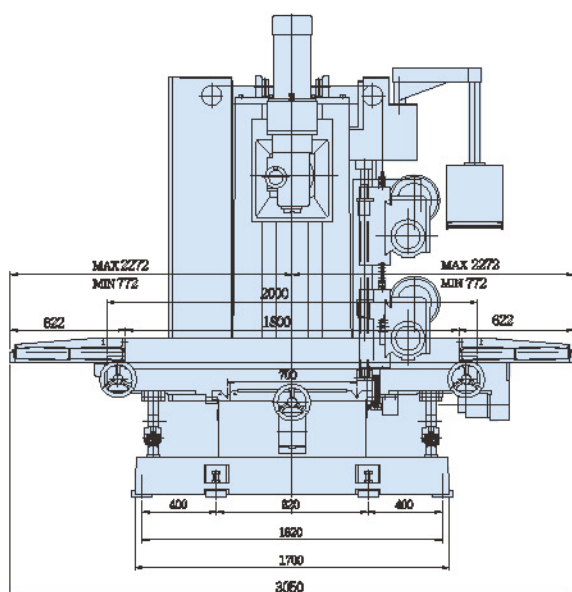
SPINDLE TAPER NT 50



PBM-GST1500
CNC TYPE INVERTER
VARI. SPEED HEAD
SPINDLE TAPER BT 50



DIMENSION



SPECIFICATION :

UNIT: MM

ITEMS			GST1500	ST1500	VST1500
TABLE	TABLE SIZE (LxW)		1800x520		
	T SLOT (WxNO.xPITCH)		18x5x80		
	MAX. TABLE LOAD (KGS)		1000		
TRAVEL	X x Y x Z x H		1500x630x600x550		
FEED	XxYxZxH (50/60 HZ)		30-3000 / MIN		
SLIDE WAY	LONG. & CROSS		DOUBLE V TYPE		
	VERTICAL & HORIZONTAL		SQUARE TYPE		
VERTICAL SPINDLE	SPINDLE NOSE		BT 50	NT 50	NT 40
	STEPS		INVERTER	6	INVERTER
	SPINDLE SPEED RPM	50 HZ	0-6000	92-593	60-3600
		60 HZ		112-713	
	SWIVELLING ANGLE (R & L)		FIXED		45°
	QUILL TRAVEL		-		140
	QUILL FEEDS/REV		-		0.035/ 0.07/ 0.14
	SPINDLE NOSE TO TABLE		62-662	65-665	100-700
SPINDLE CENTER TO COLUMN		660			
HORIZONTAL SPINDLE	SPINDLE NOSE		NT 50		
	STEPS		6		
	SPINDLE SPEED RPM	50 HZ	100 — 590		
		60 HZ	120 — 707		
	CROSS TRAVEL (MANUAL)		300		
	SPINDLE NOSE TO COLUMN		-150 TO +150		
	SPINDLE CENTER TO TABLE		0-550		
DISTANCE BETWEEN TWO SPINDLE		690			
MOTOR	VERTICAL SPINDLE		15 HP	10 HP	5 HP
	HORIZONTAL SPINDLE		7.5 HP		
	FEED X,Y,Z,H AXES		AC SERVO 850W		
	COOLANT PUMP		1/8 HP		
SIZE	MACHINE (LxWxH)		3050 x 2675 x 2641		
	NET WEIGHT (KGS)		5800	6600	6400
* SPECIFICATIONS MAY BE CHANGED OR IMPROVED WITHOUT NOTICE.					

STANDARD ACCESSORIES

1. TOOL AND TOOL BOX
2. COOLANT SYSTEM
3. X, Y, Z, H AXES SERVO MOTOR
4. X, Y, Z, H AXES BALL SCREW
5. X, Y, Z, H AXES MPG SYSTEM
6. VERTICAL HEAD AUTO LUBRICATION PUMP (VST)
7. SLIDE WAY AUTO LUBRICATION PUMP

OPTIONAL FUNCTIONS

1. AIR POWER DRAWBAR (ST, VST)
2. DIGITAL READ OUT
3. WORKING LAMP
4. TABLE SPLASH GUARD
5. FULL SPLASH GUARD
6. WITHOUT HORIZONTAL HEAD(H AXIS)
7. TAPPING DEVICE (VST)

PBM-VST1200

TURRET TYPE INVERTER
VARI. SPEED HEAD
SPINDLE TAPER NT 40



PBM-ST1200

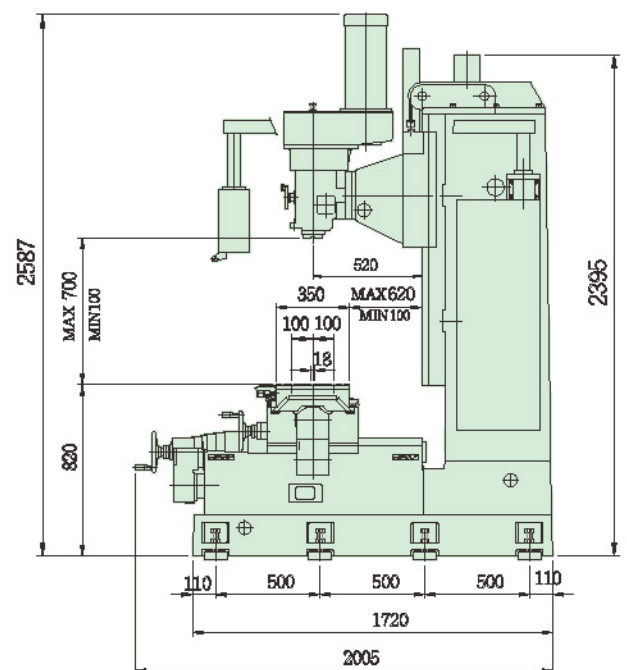
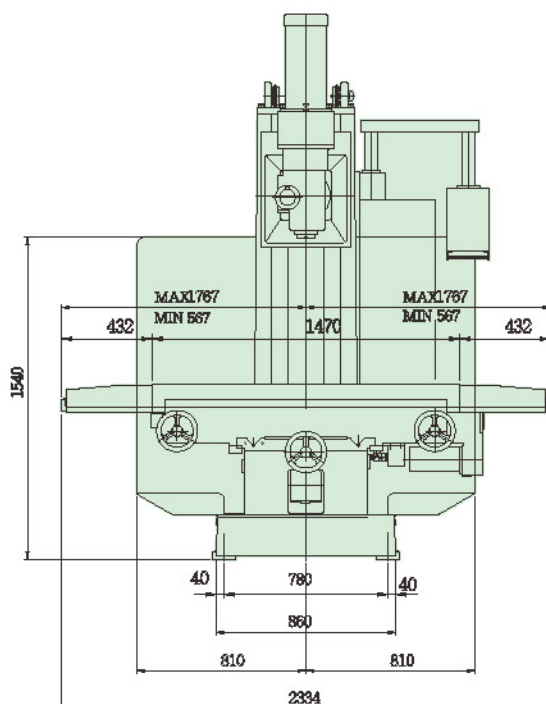
HEAVY DUTY INVERTER
VARI. SPEED HEAD
SPINDLE TAPER NT 50



PBM-GST1200
CNC TYPE INVERTER
VARI. SPEED HEAD
SPINDLE TAPER BT 50



DIMENSION



SPECIFICATION :

UNIT: MM

ITEMS		GST1200	ST1200	VST1200
TABLE	TABLE SIZE (LxW)	1470x350		
	T SLOT (WxNO.xPITCH)	18x3x100		
	MAX. TABLE LOAD (KGS)	600		
TRAVEL	XxYxZ-AUTO	1200x520x600		
FEED	LONG. /MIN (50/60 HZ)	30-3000 VARI.		
	CROSS /MIN (50/60 HZ)	30-3000 VARI.		
	VERTICAL /MIN (50/60 HZ)	30-3000 VARI.		
SLIDE WAY	LONG. /CORSS	DOUBLE V TYPE		
	VERTICAL	SQUARE TYPE		
VERTICAL SPINDLE	SPINDLE NOSE	BT 50	NT 50	NT 40
	STEPS	INVERTER		
	SPINDLE SPEED RPM(50/60 HZ)	0-6000	60-1500	60-3600
	SWIVELLING ANGLE(R&L)	FIXED		
	QUILL TRAVEL	-		
	QUILL FEEDS/REV	-		
	SPINDLE NOSE TO TABLE	75-675	54-654	100-700
	SPINDLE CENTER TO COLUMN	520		
MOTOR	VERTICAL SPINDLE	15 HP	15 HP	5 HP
	INVERTER CONTROLLER	20HP	15 HP	5 HP
	FEED X, Y, Z AXIS	AC SERVO 850W		
	COOLANT PUMP	1/8 HP		
SIZE	MACHINE (LxWxH)	2334x2005x2614		
	NET WEIGHT (KGS)	4200	4100	4000
* SPECIFICATIONS MAY BE CHANGED OR IMPROVED WITHOUT NOTICE.				

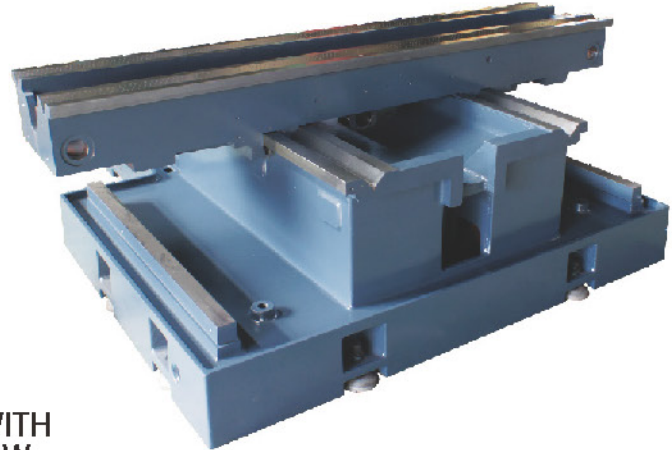
STANDARD ACCESSORIES

1. TOOL AND TOOL BOX
2. COOLANT SYSTEM
3. X, Y, Z AXES SERVO MOTOR
4. X, Y, Z AXES BALL SCREW
5. Z AXES MPG SYSTEM
6. VERTICAL HEAD AUTO LUBRICATION PUMP (VST)
7. SLIDE WAY AUTO LUBRICATION PUMP
8. Y FRONT TELESCOPIC COVER

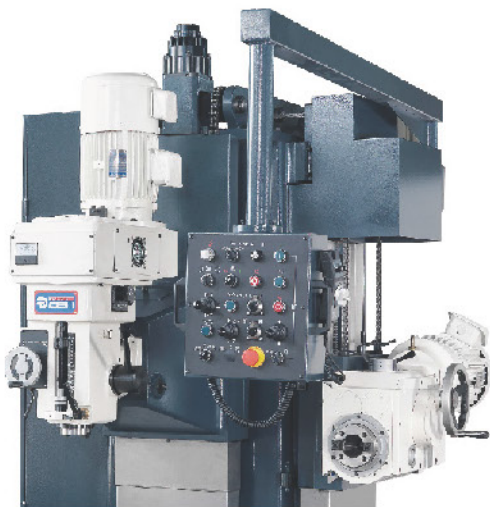
OPTIONAL FUNCTIONS

1. AIR POWER DRAWBAR (ST, VST)
2. DIGITAL READ OUT
3. WORKING LAMP
4. TABLE SPLASH GUARD
5. FULL SPLASH GUARD
6. TAPPING DEVICE (VST)

- MODEL 1500, 1200 SERIES WITH FINEST DOUBLE V TYPE SLIDE WAY ON X,Y AXES. IT'S STABLE MOVEMENT PROVIDE BETTER STABILITY TO MAINTAIN LONG TERM PRECISION AND HIGHLY PRECISE FEEDING.
- MODEL 1500 SERIES WITH VERY WIDE SADDLE WITH 2000 MM WIDTH AND AUXILIARY SLIDE WAYS KEEP TABLE STABLE AND ACCURACY MOVEMENT IN ALL DIRECTION, TO PREVENT ANY DEFORMATION AND ALLOWANCE OCCURRED FROM MACHINING PERFORMANCE.



- X、Y、Z、H AXES FEED ARE EQUIPPED WITH HIGH PRECISION DOUBLE NUT BALL SCREW. IT'S FULLY SUPPORTED MOVEMENT MAINTAINS LONG WEAR RESISTANCE AND HIGHLY PRECISE FEEDING.



- THE VST1500, 1200 VERTICAL HEAD EQUIPPED WITH THE LUBRICATION PUMP. IT CAN BE LUBRICATING AND COOLING THE GEAR INSIDE OF THE HEAD. TO PREVENT NOISY AND DEFORMATION OCCURRED FROM OVER HEATING.
- THE MODEL GST1500 SERIES WITH BOX-FRAME CONSTRUCTION BASE AND AUXILIARY SLIDE WAYS TO ENSURE IT'S EXCELLENT RIGIDITY SUITABLE FOR HIGH PRECISION AND HEAVY DUTY CUTTING OF A LONG SERVICE LIFE.

PBM-VST300

TURRET TYPE INVERTER
VARI. SPEED HEAD
SPINDLE TAPER NT 40



PBM-ST300

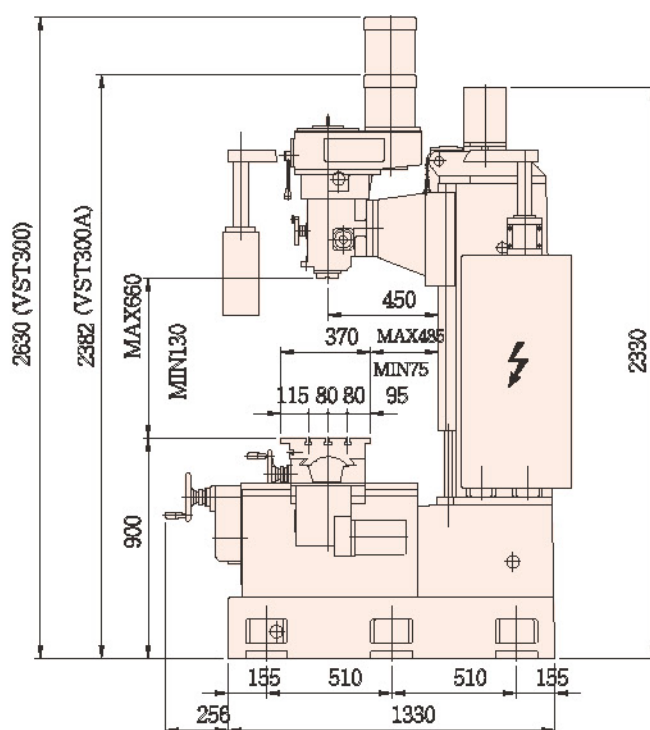
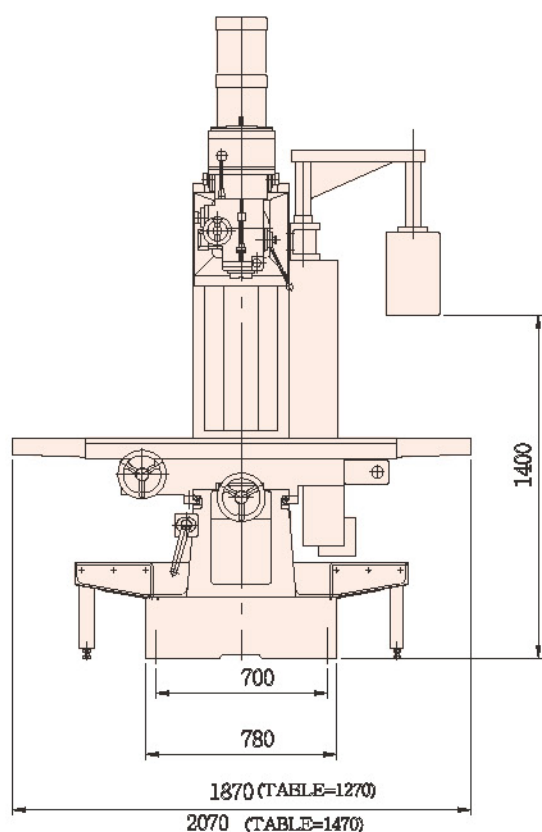
HEAVY DUTY INVERTER
VARI. SPEED HEAD
SPINDLE TAPER NT 40



PBM-GST300 **CNC TYPE INVERTER** **VARI. SPEED HEAD** **SPINDLE TAPER BT 40**



DIMENSION



SPECIFICATION :

UNIT: MM

ITEMS			GST300	ST300	VST300
TABLE	TABLE SIZE		1270x370(1470x370 OPT.)		
	T SLOT (WxNO.xPITCH)		18x3x80		
	MAX. TABLE LOAD (KGS)		450		
TRAVEL	XxYxZ-MANUAL		930x430x540		
	XxYxZ-AUTO		920x410x530		
FEED	LONG. /MIN	50 HZ	30-3000		18-640(6 STEPS)
		60 HZ			22-768(6 STEPS)
	LONG. RAPID /MIN	50 HZ	3000		2083
		60 HZ			2500
	CROSS /MIN		30-3000		MANUAL
	VERTICAL /MIN	50 HZ	30-2200		565
60 HZ		680			
VERTICAL SPINDLE	SPINDLE NOSE		BT 40	NT 40	NT 40
	STEPS		INVERTER		
	SPINDLE SPEED RPM(50/60 HZ)		0-6000	60-1500	60-3600
	SWIVELLING ANGLE (R&L)		FIXED		45°
	QUILL TRAVEL		-		140
	QUILL FEEDS/REV		-		0.035/ 0.07/ 0.14
	SPINDLE NOSE TO TABLE		60-590	130-660	
	SPINDLE CENTER TO COLUMN		470	450	
MOTOR	VERTICAL SPINDLE		10HP	5 HP	5 HP
	FEED X AXIS		AC SERVO 750W		3/4 HP
	FEED Y AXIS		AC SERVO 750W		MANUAL
	FEED Z AXIS		AC SERVO 850W		1HP
	COOLANT PUMP		1/8 HP		
SIZE	MACHINE (LxWxH)		1870x1856x2479		
	NET WEIGHT (KGS)		2600	2600	2550
* SPECIFICATIONS MAY BE CHANGED OR IMPROVED WITHOUT NOTICE.					

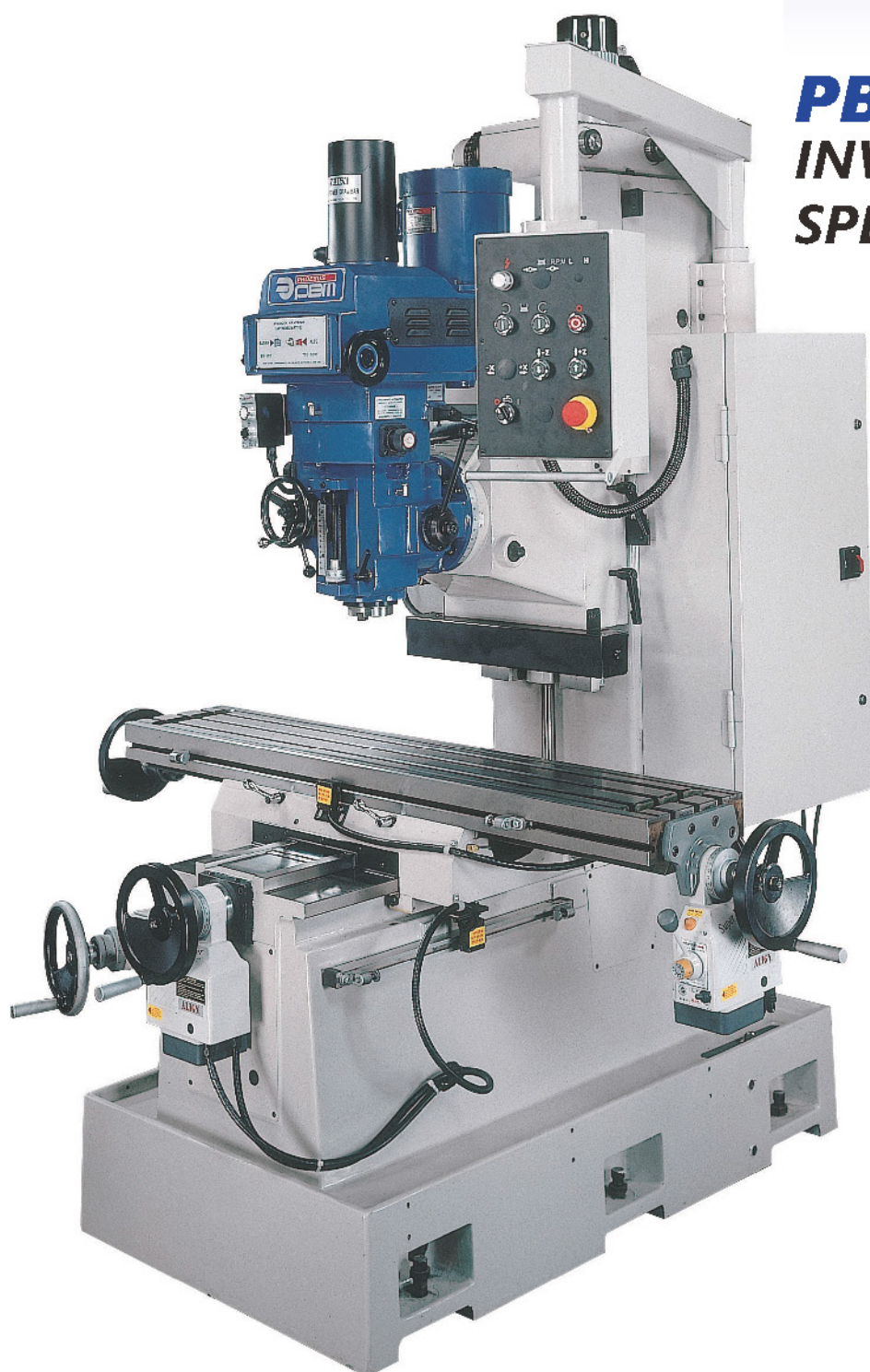
STANDARD ACCESSORIES

1. TOOL AND TOOL BOX
2. COOLANT SYSTEM
3. X, Y, Z AXES SERVO MOTOR (GST, ST)
4. X, Y, Z AXES BALL SCREW (GST, ST)
5. X AXIS GEAR BOX FEED (VST)
6. TABLE ELEVATING MOTOR (VST)
7. VERTICAL HEAD AUTO LUBRICATION PUMP(VST)
8. SLIDE WAY AUTO LUBRICATION PUMP

OPTIONAL FUNCTIONS

1. TABLE 1470x370(X AXIS TRAVEL+200)
2. AIR POWER DRAWBAR (ST, VST)
3. DIGITAL READ OUT
4. WORKING LAMP
5. X, Y AXES BALL SCREW WITH INVERTER MOVEMENT (VST)
6. X, Y, Z AXES BALL SCREW WITH SERVO MOTOR (VST)
7. TAPPING DEVICE (VST)
8. TABLE SPLASH GUARD
9. TABLE HARDENED

PBM-5SB **STEP SPEED**



PBM-5EVSB **INVERTER VARI.** **SPEED**

SPECIFICATION :

UNIT: MM

ITEMS			PBM-5SB	PBM-5EVSB
TABLE	TABLE SIZE		1270x254(1370x254 OPT.)	
	T SLOT (WxNO.xPITCH)		16x3x63	
	MAX. TABLE LOAD (KGS)		450	
TRAVEL	XxYxZ-MANUAL		775x430x550	
	XxYxZ-AUTO		700x410x540	
FEED	LONG. /MIN		MANUAL	
	CROSS /MIN		MANUAL	
	VERTICAL /MIN	50 HZ	565	
		60 HZ	680	
VERTICAL SPINDLE	SPINDLE NOSE		NT 40	
	STEPS		10	INVERTER
	SPINDLE SPEED RPM	50 HZ	60-3000 70-3600	60-3600
		60 HZ		
	SWIVELLING ANGLE(R&L)		45°	
	QUILL TRAVEL		127	
	QUILL FEEDS/REV		0.04 / 0.08 / 0.15	
	SPINDLE NOSE TO TABLE		155-695	
	SPINDLE CENTER TO COLUMN		450	
MOTOR	VERTICAL SPINDLE		5HP	5HP
	FEED X AXIS		—	
	FEED Y AXIS		—	
	FEED Z AXIS		1/2HP	
	COOLANT PUMP		1/8HP	
SIZE	MACHINE (LxWxH)		1870x1485x2330	
	NET WEIGHT (KGS)		2300	2400
* SPECIFICATIONS MAY BE CHANGED OR IMPROVED WITHOUT NOTICE.				

STANDARD ACCESSORIES

1. TOOL AND TOOL BOX
2. COOLANT SYSTEM
3. TABLE ELEVATING MOTOR
4. SLIDE WAY AUTO LUBRICATION PUMP

OPTIONAL FUNCTIONS

1. TABLE 1370x254(X AXIS TRAVEL +100)
2. X, Y AXES POWER FEED UNIT
3. AIR POWER DRAWBAR
4. DIGITAL READ OUT
5. WORKING LAMP
6. TAPPING DEVICE
7. TABLE SPLASH GUARD



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LINE



微信



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