

BEMATO®

WOODWORKING MACHINE



BEMATO®

STRIVING FOR SERVICE
AND SATISFACTION

SINCE 1976

BENIGN ENTERPRISE Co., LTD.

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AND SATISFACTION

COMPANY PROFILE

COMPANY NAME	: BENIGN ENTERPRISE CO., LTD.
ADDRESS	: SUITE 4, 5F., NO.20, TA-LONG ROAD, TAICHUNG, TAIWAN
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E-MAIL	: service@e-bemato.com
REGISTERED TRADEMARK	: BEMATO
COMPANY ESTABLISHED	: 1976
CAPITAL	: US\$2,000,000.00
EMPLOYEE	: 25 (Includes 4 QC inspectors)
GENERAL MANAGER	: MR. DAVID WU
MAIN ACTIVITY	: 1. EXPORT OF MACHINE TOOLS & ACCESSORIES. PNEUMATIC TOOLS, WOODWORKING MACHINES, AND OEM COMPONENTS. 2. PURCHASING AGENT FOR FOREIGN COMPANY. 3. SHIPMENTS CONSOLIDATION.
MAIN EXPORT MARKETS	: EUROPE 45% NORTH AMERICA 30% AUSTRALIA & N.Z. 7% MIDDLE & SOUTH AMERICA 13% ASIA 4% SOUTH AFRICA 1%
MAIN EXPORT PRODUCTS	: * LATHES (CNC & CONVENTIONAL) * MILLING MACHINES (CNC & CONVENTIONAL) * VERTICAL MACHINING CENTERS * GRINDING MACHINES (SURFACE, CYLINDRICAL, CENTERLESS, TOOL & CUTTER) * SAWING MACHINES (VERTICAL, HORIZONTAL) * DRILLING MACHINES (BENCH, FLOOR, RADIAL) * WOODWORKING MACHINES (DIY & INDUSTRIAL) * MACHINE TOOLS ACCESSORIES & PRECISION TOOLS * PNEUMATIC TOOLS * OEM COMPONENTS (STAMPING, PLASTIC INJECTION, ALUMINUM EXTRUSION, CASTINGS, ETC..)

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WOODWORKING LATHE

BMT 412MWL



MODEL	BMT 412MWL
Swing Over Bed	100 mm
Distance Between Center	304 mm
Internal Taper	MT1
Spindle Speed	3 steps, 1300 / 2200 / 3200 rpm
Motor	1/5 HP
N.W. / G.W.	6 kgs / 7 kgs
Packing Dimension	615 x 200 x 250 mm

BMT 60YT



BMT 80YTA



BMT 100YTA

FEATURES:

- * Cast iron bed and bed ways are precision ground.
- * Height adjustable tool rest.

SPECIFICATIONS:

MODEL	BMT 60YT	BMT 80YTA	BMT 100YTA
Swing Over Bed	430 mm	700 mm	950 mm
Distance Between Center	1220 mm	1050 mm	1800 mm
Face Plate Diameter	127 mm		
Spindle Speed	Variable Speed / 0~2000 rpm		
Tool Rest Length	350 mm	355 mm	
Motor	1 HP Inverter	2 HP Inverter	3 HP Inverter
N.W. / G.W.	250 kgs / 350 kgs	290 kgs / 370 kgs	800 kgs / 1050 kgs
Machine Dimension	1931 x 496 x 966 mm	1900 x 1060 x 1300 mm	3180 x 1030 x 1400 mm
Packing Dimension	2058 x 635 x 1194 mm	2000 x 1110 x 1400 mm	3230 x 1080 x 1500 mm

*Specifications are subject to change without prior notice.

BMT 6020MSL



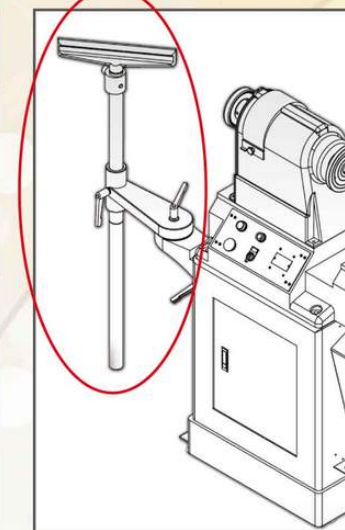
OPTIONAL ACCESSORIES:

- * Outboard Tool Rest

SPECIFICATIONS:

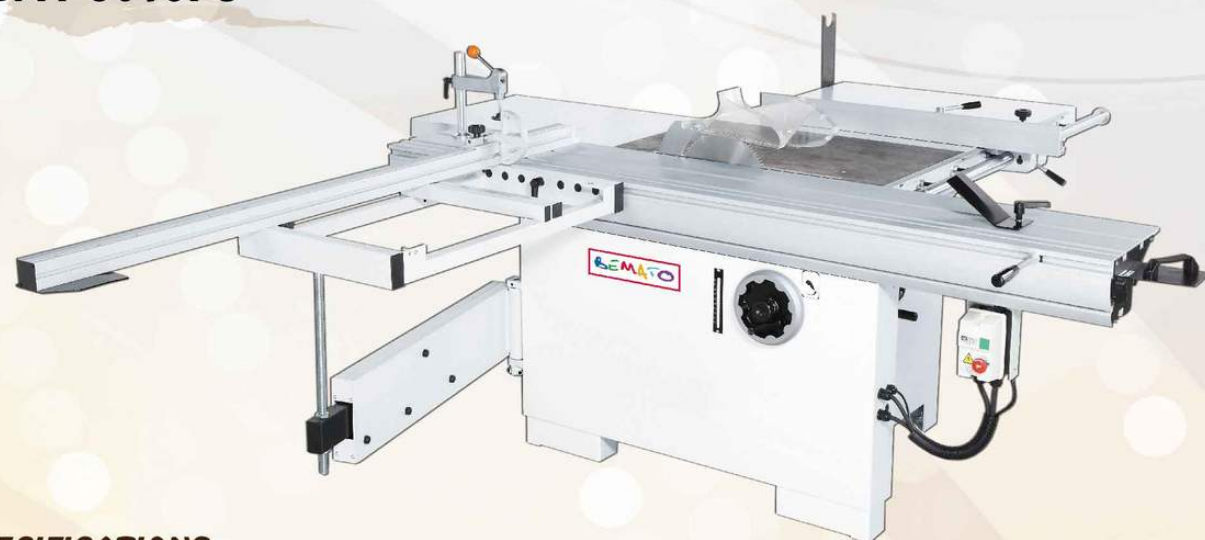
MODEL	BMT 6020MSL
Swing Over Bed	500 mm
Distance Between Center	1524 mm
Center Height	250 mm
Indexing	24 Holes
Spindle Threads (3 options)	M30 x P3.5 M33 x P3.5 31.75 mm x 8
Headstock bored, Tailstock	MT2
Electrical Variable Speed Range	50~1000 rpm 100~2000 rpm 150~3000 rpm
Motor	3 HP
Packing Dimension	2580 x 650 x 1330 mm
N.W. / G.W. (W/O Outboard Tool Rest)	305 kgs / 334 kgs

*Specifications are subject to change without prior notice.



PANEL SAW

BMT 3016PS



SPECIFICATIONS:

MODEL	BMT 3016PS
Sliding Table Size	1600 x 315 mm
Cast Iron Table Size	548 x 896 mm
Extension Table (Rear)	455 x 446 mm
Extnesion Table (Front)	470 x 896 mm
Table Size	1018 x 1726 mm
Round Rail	Ø40 mm
Main Sawblade (Max.)	305 mm
Main Saw Bore	30 mm
Max. Cutting Height at 90°	90 mm
Max. Cutting Height at 45°	63 mm
Main Motor	5 HP
Main Blade Speed	4000 rpm
Scoring Sawblade	120 mm
Scoring Saw Bore	20 mm
Scoring Blade Motor (Opt.)	3/4 HP
Scoring Blade Speed	8000 rpm
Cutting Width	835 mm / 1250 mm (Opt.)
Main Sawblade Tilting Angle	Manual 0~45°
Saw Guard	Simple (Overhead Guard Opt.)
Dust Collection System	120 mm / 64 mm
Machine Dimension	2110 x 1150 x 1120 mm
Machine Dimension for Overhead Guard	1610 x 195 x 255 mm, 830 x 155 x 439 mm, 630 x 194 x 197 mm
N.W. / G.W.	376 kgs / 452 kgs
N.W. / G.W. for Overhead Guard	23 kgs / 24 kgs, 9 kgs / 9.5 kgs, 2 kgs / 2.5 kgs
Ctn Q'ty	10 sets / 22 sets

*Specifications are subject to change without prior notice.

FEATURES:

- * Transparent saw blade guard is easy to see through the dust collection. Adjustable riving knife is user-friendly design.
- * Quick and secure locking wood presser.
- * User-friendly miter fence with 0 to 45° adjustment (optional).
- * Overhead saw blade guard (optional).
- * Efficient dust collection system.



Standard Sawblade Guard



Hold Down Miter Fence (opt.)



Efficient Dust Collection System



Overhead Saw Blade Guard (optional)

TILTING ARBOR TABLE SAW

BMT 10M / BMT 12M



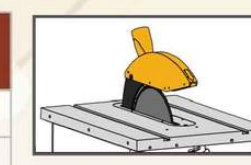
FEATURES:

- * Ruggedly constructed saw carriage provides maximum cutting stability.
- * Heavy, precision-machined trunnion ensures accurate saw tilting.
- * Fence locks securely and precisely parallel to the sawblade.
- * Durable sawblade guard for operator safety.
- * Fitted with precision fence for high accuracy cut.
- * Riving knife can perform vertical adjustment with the main sawblade.

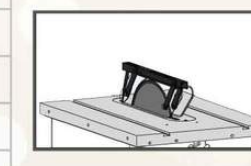
SPECIFICATIONS:

MODEL	BMT 10M	BMT 12M
Max. Cutting Depth at 90°	82 mm	102 mm
Max. Cutting Depth at 45°	54 mm	73 mm
Speed	4200 rpm	
Arbor Diameter	16 mm	
Saw Blade Diameter	254 mm	304.8 mm
Distance in Front of Blade	228 mm	
Table Size (L x W)	686 x 512 mm	
Extension Wing (L x W)	686 x 245 mm	
Motor	2 HP	
Packing Dimension (L x W x H)	940 x 740 x 700 mm	
N.W. / G.W.	111 kgs / 131 kgs	

*Specifications are subject to change without prior notice.



CE Blade Guard



CSA Blade Guard

HEAVY DUTY TILTING ARBOR SAW



**EURO STYLE WITH
T-SQUARE FENCE**

**BMT 10CS
BMT 12CS**

* Shown with optional
extension table attachment



**US STYLE WITH
T-SQUARE FENCE**

**BMT 250MBS / BMT 300MBS
BMT 350MBS / BMT 400MBS**

SPECIFICATIONS:

MODEL	BMT 10CS BMT 250MBS	BMT 12CS BMT 300MBS	BMT 350MBS	BMT 400MBS
Max. Cutting Depth at 90°	76 mm	101.6 mm	125 mm	152 mm
Max. Cutting Depth at 45°	50.8 mm	70 mm	88 mm	108 mm
Speed	4200 rpm	4000 rpm	3750 rpm	
Arbor Diameter	25.4 mm		25.4 mm / 30 mm (Opt.)	
Sawblade Diameter	250 mm	305 mm	350 mm	405 mm
Arbor Height	857 mm			
Table Size	915 x 685 mm	1220 x 762 mm	1120 x 965 mm	
Sliding Table Capacity	1220 x 2440 mm (Opt.)			
Max. Rip to Right of Blade	1270 mm			
Motor	3 HP / 5 HP (Opt.)		5 HP / 7-1/2 HP (Opt.)	7.5 HP / 10 HP (Opt.)
Packing Dimension (LxWxH)	915 x 737 x 1067 mm	915 x 762 x 1067 mm	940 x 1118 x 1067 mm	
N.W. / G.W.	185 kgs / 225 kgs	260 kgs / 320 kgs	385 kgs / 460 kgs	395 kgs / 470 kgs

*Specifications are subject to change without prior notice.

**BMT 10TCL / BMT 12TC
BMT 14TC / BMT 16TC**

**US STYLE WITH
T-SQUARE FENCE**



* Shown with optional
sliding table assembly

STANDARD ACCESSORIES:

- * Fence and rail assembly
- * Overload protected electric system
- * Miter gauge
- * Anti-kickback safety guard
- * Tool kits

OPTIONAL ACCESSORIES:

- * Sliding table assembly
- * Arbor extension for dado dado insert
- * Hold-down clamp for sliding table
- * Extension table assembly
- * Metal saw guard (A)
- * Overarm SUVA guard (B)

SPECIFICATIONS:

MODEL	BMT 10TCL	BMT 12TC	BMT 14TC	BMT 16TC
Max. Cutting Depth at 90°	76 mm	101.6 mm	125 mm	140 mm
Max. Cutting Depth at 45°	50.8 mm	70 mm	88 mm	98 mm
Speed	4200 rpm	4000 rpm	3750 rpm	
Arbor Diameter	5/8" / 25.4 mm (Opt.) / 30 mm (Opt.)	25.4 mm / 30 mm (Opt.)		
Sawblade Diameter	250 mm	305 mm	350 mm	405 mm
Arbor Height	857 mm			
Table Size	915 x 685 mm	1220 x 762 mm	1220 x 965 mm	
Sliding Table Capacity	1220 x 2440 mm (Opt.)			
Max. Rip to Right of Blade	1270 mm			
Motor	3 HP / 2 HP (Opt.) / 5 HP (Opt.)	3 HP / 5 HP (Opt.)	5 HP / 7.5 HP (Opt.)	7.5 HP / 10 HP (Opt.)
Packing Dimension (LxWxH)	915 x 737 x 1067 mm	915 x 813 x 1067 mm	940 x 1118 x 1067 mm	
N.W. / G.W.	185 kgs / 225 kgs	260 kgs / 320 kgs	385 kgs / 460 kgs	395 kgs / 470 kgs

*Specifications are subject to change without prior notice.

BANDSAW

**BMT 1008L /
BMT 1008ZS**



FEATURES:

- * Cast iron wheels.
- * 19 mm blades are available.
- * Cast iron bracket.
- * Tension release lever.
- * Carbide tipped blade is available.
- * Variable speed control for BMT 1008ZS.

SPECIFICATIONS:

MODEL	BMT 1008L
Wheel Diameter	254 mm
Throat Capacity (Left of Blade)	254 mm
Max. Resaw Height	203 mm
Motor	1 HP
Switch Type	ON / OFF Push Button
Blade Capacity	3~19 mm
Blade Length	2146 mm
Blade Speed	914 M/min
Blade Release	Quick Release
Table Size	356 x 356 mm
Table Type	Cast Iron
Table Tilt	0~45°
Table Trunnions	Aluminum Alloy
Table Bracket	Cast Iron
Blade Guide Assy (Standard)	Upper and Lower Guide Blocks
Dust Port(s)	102 mm x 1
Foot Brake	NO
Floor to Table Height	457 mm w/o Stand
Bandsaw Type	Bench Top
Machine Dimension	610 x 450 x 1600 mm
Packing Dimension	1180 x 510 x 350 mm (w/o Stand)
N.W. / G.W.	48 kgs / 53 kgs (w/o Stand)

*Specifications are subject to change without prior notice.

MODEL	BMT 1008ZS
Wheel Diameter	254 mm
Throat Capacity (Left of Blade)	254 mm
Max. Cutting Capacity	203 mm
Blade Capacity	3~19 mm
Sawblade Length	2145 mm
Table Size	356 x 356 mm
Table Tilting	0~45°
Floor to Table Height	457 mm w/o Stand
Blade Speed	45~914 M/min
Motor	1 HP / 1725 rpm
Machine Dimension	610 x 450 x 1600 mm
Packing Dimension	1180 x 510 x 450 mm (w/o Stand)
N.W. / G.W.	53 kgs / 58 kgs (w/o Stand)

VARIABLE SPEED CHART FOR BMT 1008ZS:

MATERIAL	TPI	SPEED (M/min)
Wood	6~10	609.6
Aluminum	6~14	301.8~603.5
Copper Pipe	14~22	118.9~179.8
Copper Plate	12~22	118.9~301.8
Copper Cast	6~12	59.44~118.9
Steel	18~24	45.7~61
Cast Iron	16~24	45.7~61

**BMT 1210L /
BMT 1210ZS**



FEATURES:

- * Cast iron wheels.
- * 19 mm blades are available.
- * Cast iron bracket.
- * Tension release lever.
- * Carbide tipped blade is available.
- * Variable speed control for BMT 1210ZS.

SPECIFICATIONS:

MODEL	BMT 1210L
Wheel Diameter	300 mm
Throat Capacity (Left of Blade)	285 mm
Max. Resaw Height	254 mm
Motor	1 HP
Switch Type	ON / OFF Push Button
Blade Capacity	3~19 mm
Blade Length	2410 mm
Blade Speed	914 M/min
Blade Release	Quick Release
Table Size	356 x 356 mm
Table Type	Cast Iron
Table Tilt	0~45°
Table Trunnions	Aluminum Alloy
Table Bracket	Cast Iron
Blade Guide Assy (Standard)	Upper and Lower Ball Bearing Blade Guide
Dust Port(s)	102 mm x 1
Foot Brake	NO
Floor to Table Height	457 mm w/o Stand
Bandsaw Type	Bench Top
Machine Dimension	650 x 700 x 1730 mm
Packing Dimension	1230 x 510 x 500 mm
N.W. / G.W.	63 kgs / 68 kgs (w/o Stand)

*Specifications are subject to change without prior notice.

MODEL	BMT 1210ZS
Wheel Diameter	300 mm
Throat Capacity (Left of Blade)	285 mm
Max. Cutting Capacity	254 mm
Blade Capacity	3~19 mm
Sawblade Length	2410 mm
Table Size	356 x 356 mm
Table Tilting	0~45°
Floor to Table Height	457 mm w/o Stand
Blade Speed	45~914 M/min
Motor	1 HP / 1725 rpm
Machine Dimension	650 x 700 x 1730 mm
Packing Dimension	1230 x 510 x 550 mm
N.W. / G.W.	68 kgs / 73 kgs

VARIABLE SPEED CHART FOR BMT 1210ZS:

MATERIAL	TPI	SPEED (M/min)
Wood	6~10	609.6
Aluminum	6~14	301.8~603.5
Copper Pipe	14~22	118.9~179.8
Copper Plate	12~22	118.9~301.8
Copper Cast	6~12	59.44~118.9
Steel	18~24	45.7~61
Cast Iron	16~24	45.7~61

BANDSAW

BMT 1407LV



FEATURES FOR BMT 1407LV:

- * Economic type 14" bandsaw.
- * Quick release blade tension lever.
- * Precision ground tilting table.
- * Upper and lower blade guides.
- * Precision balanced cast iron wheels.
- * Includes a blade and solid miter gauge.

BMT 1407LF



FEATURES FOR BMT 1407LF:

- * Two cutting speeds.
- * The full welded frame right to the floor provides more rigidity and strength for smoother performance.
- * Viewing window for easy blade tracking adjustment.

SPECIFICATIONS:

MODEL	BMT 1407LV	BMT 1407LF
Wheel Diameter	355 mm	
Throat Capacity (Left of Blade)	346 mm	
Max. Resaw Height	178 mm	
Motor	1 HP	
Switch Type	ON / OFF Switch w/ Large Stop Panel	
Blade Capacity	3~19 mm	
Blade Length	2565 mm	
Blade Speed	701 / 990 M/min	
Blade Release	Quick Release	
Table Size	356 x 356 mm	
Table Type	Cast Iron	
Table Tilt	0~45°	
Table Trunnions	Aluminum Alloy	
Table Bracket	Cast Iron	
Blade Guide Assy (Standard)	Upper Ball Bearing Blade Guide / Lower Guide Blocks	
Dust Port(s)	102 mm x 1	
Foot Brake	NO	
Floor to Table Height	1118 mm w/o Stand	927 mm
Bandsaw Type	Bench Top	Floor Type
Machine Dimension	500 x 840 x 1870 mm	1050 x 700 x 1630 mm
Packing Dimension	1460 x 590 x 540 mm (w/o Stand)	550 x 470 x 1870 mm
N.W. / G.W.	86 kgs / 96 kgs	85 kgs / 95 kgs

*Specifications are subject to change without prior notice.

BMT 1410LZ / BMT 1412ZS



BMT 1412LG



FEATURES FOR BMT 1410LZ / BMT 1412ZS:

- * Deluxe bench top 14" bandsaw
- * Comes without stand.

FEATURES FOR BMT 1412LG:

- * Industrial type 14" bandsaw
- * Two speeds.
- * Foot brake system.
- * Quick release blade change lever.

VARIABLE SPEED CHART FOR BMT 1412ZS:

MATERIAL	TPI	SPEED (M/min)
Wood	6~10	609.6
Aluminum	6~14	301.8~603.5
Copper Pipe	14~22	118.9~179.8
Copper Plate	12~22	118.9~301.8
Copper Cast	6~12	59.44~118.9
Steel	18~24	45.7~61
Cast Iron	16~24	45.7~61

SPECIFICATIONS:

MODEL	BMT 1410LZ	BMT 1412ZS	BMT 1412LG
Wheel Diameter	355 mm		
Throat Capacity (Left of Blade)	346 mm	340 mm	346 mm
Max. Resaw Height	254 mm	-	305 mm
Motor	1.25 HP	1.25 HP / 1725 rpm	1.5 HP
Switch Type	ON / OFF Switch w/ Large Stop Panel	-	Magnetic Control Panel
Blade Capacity	3~19 mm		
Blade Length	2743 mm	2745 mm	2840 mm
Blade Speed	435 / 701 / 990 M/min	55~914 M/min	701 / 990 M/min
Blade Release	Quick Release	-	Quick Release
Table Size	406 x 508 mm		
Table Type	Cast Iron	-	Cast Iron
Table Tilt	0~45°		
Table Trunnions	Aluminum Alloy	-	Aluminum Alloy
Table Bracket	Cast Iron	-	Cast Iron
Blade Guide Assy (Standard)	Upper and Lower Ball Bearing Blade Guide	-	Upper and Lower Ball Bearing Blade Guide
Dust Port(s)	102 mm x 1	-	102 mm x 2
Foot Brake	NO		
Floor to Table Height	927 mm	1040 mm	927 mm
Bandsaw Type	Floor Type	-	Floor Type
Machine Dimension	760 x 760 x 1840 mm		850 x 420 x 1750 mm
Packing Dimension	710 x 1470 x 460 mm (w/o Stand)	710 x 1470 x 460 mm	930 x 750 x 1950 mm
N.W. / G.W.	99 kgs / 107 kgs (w/o Stand)	Body: 99 kgs / 107 kgs Stand: 16 kgs / 21 kgs	110 kgs / 145 kgs

*Specifications are subject to change without prior notice.

BANDSAW

BMT 1512LTC



BMT 1512LZF



FEATURES FOR BMT 1512LTC:

- * Foot brake with micro switch motor.
- * Magnetic safety switch.
- * Blade tracking view window.

FEATURES FOR BMT 1512LZF:

- * Two speeds.
- * Emergency brake.

SPECIFICATIONS:

MODEL	BMT 1512LTC	BMT 1512LZF
Wheel Diameter	380 mm	
Throat Capacity (Left of Blade)	368 mm	
Max. Resaw Height	305 mm	
Motor	2 HP	1.75 HP
Switch Type	Magnetic Control Panel	
Blade Capacity	3~19 mm	
Blade Length	2965 mm	
Blade Speed	701 / 990 M/min	
Blade Release	Quick Release Hydraulic Tension Gauge	
Table Size	457 x 457 mm	406 x 508 mm
Table Type	Cast Iron	
Table Tilt	0~45°	
Table Trunnions	Aluminum Alloy	
Table Bracket	Cast Iron	
Blade Guide Assy (Standard)	Upper and Lower Ball Bearing Blade Guide	
Dust Port(s)	102 mm x 2	
Foot Brake	Foot Brake	
Floor to Table Height	927 mm	
Bandsaw Type	Floor Type	
Machine Dimension	760 x 920 x 1750 mm	1100 x 700 x 1900 mm
Packing Dimension	750 x 580 x 1900 mm	750 x 580 x 1950 mm
N.W. / G.W.	115 kgs / 147 kgs	130 kgs / 165 kgs

*Specifications are subject to change without prior notice.

BMT 1812LZ /
BMT 1812ZS



BMT 1816LG /
BMT 1816LGZ



FEATURES FOR BMT 1812LZ / BMT 1812ZS:

- * Three speeds for BMT 1812LZ.
- * Inverter variable speeds for BMT 1812ZS.
- * Extension table.

FEATURES FOR BMT 1816LG / BMT 1816LGZ:

- * Industrial type 18" bandsaw.
- * Foot brake system.
- * Extension table.
- * C type blade guide.
- * Three speeds for BMT 1816LG.
- * Inverter variable speeds for BMT 1816LGZ.

SPECIFICATIONS:

MODEL	BMT 1812LZ	BMT 1816LG
Wheel Diameter	457 mm	
Throat Capacity (Left of Blade)	448 mm	
Max. Resaw Height	305 mm	406 mm
Motor	2 HP	3 HP
Switch Type	Magnetic Control Panel	
Blade Capacity	3~25 mm	6~32 mm
Blade Length	3378 mm	3900 mm
Blade Speed	451 / 701 / 990 M/min	853 / 1204 M/min
Blade Release	Quick Release	Handle Wheel
Table Size	450 x 450 mm + 150 mm wing	508 x 610 mm
Table Type	Cast Iron	
Table Tilt	0~45°	
Table Trunnions	Aluminum Alloy	Cast Iron
Table Bracket	Cast Iron	
Blade Guide Assy (Standard)	Upper and Lower Ball Bearing Blade Guide	Shielded & Lubricated
Dust Port(s)	102 mm x 2	
Foot Brake	Foot Brake	
Floor to Table Height	978 mm	940 mm
Bandsaw Type	Floor Type	Industrial Type
Machine Dimension	1010 x 780 x 1940 mm	1000 x 600 x 2000 mm
Packing Dimension	830 x 500 x 2000 mm	940 x 750 x 2060 mm
N.W. / G.W.	150 kgs / 175 kgs	240 kgs / 275 kgs

*Specifications are subject to change without prior notice.

MODEL	BMT 1812ZS	BMT 1816LGZ
Wheel Diameter	457 mm	
Throat Capacity (Left of Blade)	445 mm	
Max. Cutting Capacity	305 mm	405 mm
Blade Capacity	3~19 mm	6~32 mm
Sawblade Length	3380 mm	3900 mm
Table Size	457 x 457 mm + 150 mm	508 x 700 mm
Table Tilting	0~45°	
Floor to Table Height	950 mm	940 mm
Blade Speed	106~1219 M/min	106~1158 M/min
Motor	1.5 HP or 2 HP / 1725 rpm	5 HP / 860 rpm
Machine Dimension	1010 x 780 x 1940 mm	1000 x 600 x 2000 mm
Packing Dimension	820 x 480 x 1980 mm	940 x 750 x 2060 mm
N.W. / G.W.	135 kgs / 159 kgs	245 kgs / 280 kgs

VARIABLE SPEED CHART FOR BMT 1812ZS / BMT 1816LGZ:

MATERIAL	TPI	SPEED (M/min)
Wood	6~10	609.6
Aluminum	6~14	301.8~603.5
Copper Pipe	14~22	118.9~179.8
Copper Plate	12~22	118.9~301.8
Copper Cast	6~12	59.44~118.9
Steel	18~24	45.7~61
Cast Iron	16~24	45.7~61

BANDSAW

BMT 2216LZ



BMT 2216LGZ



FEATURES:

- * Industrial type 22" bandsaw
- * Foot brake system.
- * Extension table.
- * C type blade guide.
- * Inverter variable speed for BMT 2216LGZ.

SPECIFICATIONS:

MODEL	BMT 2216LZ
Wheel Diameter	560 mm
Throat Capacity (Left of Blade)	546 mm
Max. Resaw Height	406 mm
Motor	5 HP
Switch Type	Magnetic Control Panel
Blade Capacity	6~32 mm
Blade Length	4370 mm
Blade Speed	1493 M/min
Blade Release	Handle Wheel
Table Size	584 x 762 mm
Table Type	Cast Iron
Table Tilt	0~45°
Table Trunnions	Cast Iron
Table Bracket	Cast Iron
Blade Guide Assy (Standard)	Shielded & Lubricated
Dust Port(s)	102 mm x 2
Foot Brake	Foot Brake
Floor to Table Height	940 mm
Bandsaw Type	Industrial Type
Machine Dimension	1300 x 900 x 2060 mm
Packing Dimension	1150 x 810 x 2210 mm
N.W. / G.W.	347 kgs / 425 kgs

MODEL	BMT 2216LGZ
Wheel Diameter	559 mm
Throat Capacity (Left of Blade)	545 mm
Max. Cutting Capacity	405 mm
Blade Capacity	6~32 mm
Sawblade Length	4350 mm
Table Size	584 x 762 mm
Table Tilting	0~45°
Floor to Table Height	940 mm
Blade Speed	106~1158 M/min
Motor	5 HP / 860 rpm
Machine Dimension	1300 x 900 x 2060 mm
Packing Dimension	1150 x 810 x 2210 mm
N.W. / G.W.	352 kgs / 430 kgs

VARIABLE SPEED CHART FOR BMT 2216LGZ:

MATERIAL	TPI	SPEED (M/min)
Wood	6~10	609.6
Aluminum	6~14	301.8~603.5
Copper Pipe	14~22	118.9~179.8
Copper Plate	12~22	118.9~301.8
Copper Cast	6~12	59.44~118.9
Steel	18~24	45.7~61
Cast Iron	16~24	45.7~61

*Specifications are subject to change without prior notice.

BMT 430WBS / BMT 480WBS / BMT 530WBS



FEATURES:

- * Auto power off micro switch (CE).
- * User-friendly quick release saw blade changing system.
- * Cutting height adjusting wheel.
- * Blade tracking see through window.
- * Table tilting micro-adjustment mechanism.
- * Miter gauge for various angle cutting.
- * Dual speeds design for multiple purpose cutting.

OPTIONAL ACCESSORIES:

- * Solid type cast iron wheel
- * Large rigid ground cast iron table
- * Table tilting micro-adjustment quick handle
- * Precise alloy extruded higher rip fence (CE)
- * Sheet metal extension board
- * Upper and lower ball bearing blade guide
- * C-type rip fence
- * Circle cutting device
- * Work lamp



Auto Power Off Micro Switch (CE)



Quick Release Saw Blade Changing System



Cutting Height Adjusting Wheel



Table Tilting Micro-adjustment



Miter Gauge



Dual Speeds

SPECIFICATIONS:

MODEL	BMT 430WBS	BMT 480WBS	BMT 530WBS
Table Size	430 x 430 mm	480 x 480 mm	530 x 530 mm
Wheel Size	430 mm	480 mm	530 mm
Cutting Height	300 mm		
Max. Cutting Width	410 mm	462 mm	514 mm
Max. Cutting (Rip Fence)	370 mm	422 mm	474 mm
Sawblade Length	3340 mm	3632 mm	3861 mm
Sawblade Width	9.5~25.4 mm		
Sawblade Speed	1000 / 490 M/min	1130 / 520 M/min	1220 / 580 M/min
Table Tilting	Left 10° / Right 45°; If CE (Opt.), Right 20°		
Table Height From Ground	950 mm		
Dust Chute Diameter	Ø100 mm x 2		
Motor	2 HP		2 HP / 3 HP (Opt.)
Machine Dimension	820 x 670 x 1880 mm	920 x 770 x 1990 mm	1020 x 790 x 2040 mm
Packing Dimension	780 x 520 x 2040 mm	850 x 540 x 2170 mm	930 x 540 x 2270 mm
N.W. / G.W.	121 kgs / 146 kgs	145 kgs / 174 kgs	163 kgs / 196 kgs
Sets in 20FT / 40FT Container	33 sets / 69 sets	27 sets / 56 sets	24 sets / 50 sets

*Specifications are subject to change without prior notice.

DISC SANDER

BMT 12WD



FEATURES:

- * Aluminum motor housing for efficient heat dissipation and attractive appearance.
- * With a sanding disc safety guard.
- * Releasing 4 screws easily replaces sanding paper.
- * Aluminum table, good for woodworking & table up to 45 degree for bevel sanding.

BMT 12WDMB

* With Mechanical Disc



OPTIONAL ACCESSORIES:

- * Cast iron table
- * Cast iron disc
- * Velcro disc paper



SPECIFICATIONS:

MODEL	BMT 12WD	BMT 12WDMB
Motor	3/4 HP	
Motor Speed	1720 rpm	
Disc Size	304.8 mm	
Table Size	400 x 225 mm	
Table Tilting	Up 0~15°, Down 0~45°	
Dust Chute	63 mm	
Machine Dimension (LxWxH)	550 x 420 x 450 mm	590 x 420 x 370 mm
Packing Dimension (LxWxH)	470 x 435 x 415 mm	555 x 465 x 370 mm
N.W. / G.W. / Cuft	31.5 kgs / 33.5 kgs / 3'	33 kgs / 35.5 kgs / 3.4'

*Specifications are subject to change without prior notice.

BMT 15WDMB



▲ FEATURES:

- * Cast iron motor housing for efficient heat dissipation.
- * With a brake which able to stop the disc running with-in 6 seconds.
- * Cast iron table and disc, good for heavy-duty woodworking, and table up to 45 degree.
- * Strong close type stand with optional built in 3/4 HP dust collector.

SPECIFICATIONS:

MODEL	BMT 15WDMB	BMT 20WD
Motor	1.5 HP / 2 HP (Opt.)	2 HP / 3 HP (Opt.)
Motor Speed	1720 rpm	
Disc Size	381 mm	508 mm
Table Size	508 x 305 mm	700 x 267 mm Cast Iron
Table Tilting	Up 0~15°, Down 0~45°	
Dust Chute	63 mm	
Machine Dimension (LxWxH)	520 x 680 x 1350 mm	699 x 635 x 1220 mm
Packing Dimension (LxWxH)	600 x 570 x 1300 mm	660 x 1300 x 660 mm
N.W. / G.W. / Cuft	86 kgs / 96 kgs / 15'	182 kgs / 200 kgs / 36'

*Specifications are subject to change without prior notice.

▼ FEATURES:

- * Heavy duty cast iron construction for plenty of mass operation.
- * Adjustable height work table with rack and pinion control.
- * Reverse rotation allows for use of whole table.
- * Deep cast iron large precision table.
- * Built-in manual brake for quick stop.
- * Table able to gear down for easy sanding paper change.



Built-in Manual Brake for quick stop



BMT 20WD



BELT & DISC SANDER

BMT 130BS



BMT 1305BDS



SPECIFICATIONS:

MODEL	BMT 130BS	BMT 1305BDS
Disc Size	-	127 mm
Table Size For Belt	127 x 127 mm	
Table Size For Disc	-	184 x 127 mm
Table Tilting	0~45°	
Belt Size	25.4 x 762 mm	
Belt Speed	1036 M/min at 60Hz 960 M/min at 50Hz	
Disc Rotating Speed	3450 rpm at 60Hz 2850 rpm at 50Hz	
Motor	220W	
Packing Dimension	255 x 250 x 380 mm	390 x 270 x 310 mm
N.W. / G.W.	6 kgs / 7 kgs	7 kgs / 8 kgs

*Specifications are subject to change without prior notice.

BMT 406BDS



BMT 609BDS



SPECIFICATIONS:

MODEL	BMT 406BDS	BMT 609BDS
Disc Size	150 mm	228 mm
Table Size	191 x 127 mm	190 x 314 mm
Table Tilting	0~45°	
Belt Size	100 x 915 mm	152 x 1219 mm
Belt Tilting	0~90°	
Belt Speed	341 M/min at 60Hz 290 M/min at 50Hz	396 M/min at 60Hz 335 M/min at 50Hz
Disc Rotating Speed	1720 rpm at 60Hz 1450 rpm at 50Hz	
Motor	1/3 HP	1/2 HP
Packing Dimension	520 x 290 x 278 mm	696 x 444 x 378 mm
N.W. / G.W.	17 kgs / 18 kgs	46 kgs / 48 kgs

*Specifications are subject to change without prior notice.

BELT & DISC SANDER

BMT 48BDS



FEATURES:

- * Sturdy cast iron base with a built handle for easy carry.
- * Steel frame, aluminum table and miter gauge.
- * Quick-release sanding belt handle for easy replacement belt.
- * Sanding belt micro adjustment for belt alignment adjustment.
- * Optional velcro disc paper.

SPECIFICATIONS:

MODEL	BMT 48BDS
Motor	1/3 HP
Belt Size	102 x 915 mm
Disc Size	203.2 mm
Belt Speed	1200 fpm
Motor Speed	1850 rpm
Table Size	225 x 155 mm
Dust Chute	38 mm
Machine Dimension (LxWxH)	550 x 450 x 350 mm
Packing Dimension (LxWxH)	550 x 335 x 305 mm
N.W. / G.W. / Cuft	33 kgs / 35 kgs / 2'

*Specifications are subject to change without prior notice.



Vertically



Curved Sanding



Surface Sanding



Velcro Disc Paper (Optional)

BMT 612BDSA



BMT 12DS



SPECIFICATIONS:

MODEL	BMT 612BDSA	BMT 12DS
Disc Size	304 mm	
Table Size For Belt	177 x 330 mm	-
Table Size For Disc	187 x 441 mm	304 x 508 mm
Belt Size	152 x 1219 mm	-
Belt Tilting	0~90°	-
Belt Speed	1400 M/min at 60Hz 1157 M/min at 50Hz	-
Disc Rotating Speed	3450 rpm at 60Hz 2850 rpm at 50Hz	3600 rpm
Motor	1 HP / 2 HP (Opt.)	1 HP
Packing Dimension	786 x 690 x 440 mm	610 x 485 x 415 mm
N.W. / G.W.	61 kgs / 65 kgs	27 kgs / 29kgs

*Specifications are subject to change without prior notice.

BELT & DISC SANDER

BMT 648BDS



BMT 612BDS

BMT 612BDS available with different stands >



SAD Stand



SLD Stand



DT-550 Stand

▲ FEATURES:

- * Sturdy cast iron base with a built handle for easy carry.
- * Steel frame, aluminum table and miter gauge.
- * Quick-release sanding belt handle for easy replacement belt.
- * Sanding belt micro adjustment for belt alignment adjustment.
- * Belt sander operates horizontally and vertically, and also can be locked at any angle in between.
- * Belt tracking adjustments are easily made with exclusive thumbscrews.

SPECIFICATIONS:

MODEL	BMT 648BDS	BMT 612BDS
Motor	1 HP	1.5 HP
Belt Size	152 x 1219 mm	
Disc Size	-	304.8 mm
Belt Speed	2470 fpm	
Belt Tilting	0~90°	
Belt and Disc Table Tilting	0~45°	Up 0~10°, Down 0~48°
Belt Table Size (Cast Iron)	300 x 150 mm	
Disc Table Size	-	400 x 225 mm
Dust Chute	63 mm x 2	
Machine Dimension (LxWxH)	650 x 400 x 740 mm	780 x 420 x 740 mm
Packing Dimension (LxWxH)	736 x 580 x 460 mm	736 x 580 x 550 mm
N.W. / G.W. / Cuft	48 kgs / 50 kgs / 6.9'	58 kgs / 61 kgs / 8.3'

*Specifications are subject to change without prior notice.

OSCILLATING VERTICAL SPINDLE SANDER & DISC SANDER

BMT 120VS



FEATURES:

- * The oscillating sanding provides an extremely fine sanding finish.
- * Easily interchanged spindle.
- * Two tables are rotatable.
- * Air ventilation in rear of the machine.



Desktop Rotatable (0~45°)

Two ways to assemble spindle:



You can get the sanding cloth at home. Simply make it into a stripe and wind it around the spindle.

Only have to change sanding cloth instead of getting a new set of spindle assembly. Spindle size: 6.35mm, 15.9mm, 38mm, 50.8mm

SPECIFICATIONS:

MODEL	BMT 120VS
Table Size	370 x 370 mm
Sub-Table Size	450 x 254 mm
Disc Size	305 mm
Linear Speed	1720 rpm
Motor	1 HP
N.W. / Cuft	65 kgs / 13.8'

*Specifications are subject to change without prior notice.

OSCILLATION EDGE SANDER W/ VARIABLE SPEEDS

BMT 689ES



BMT 689ESM



STANDARD ACCESSORIES:

- * 3 different sanding drums
- * Sanding paper
- * Steel fence
- * Handle operating quick release sanding belt device

OPTIONAL ACCESSORIES FOR BMT 689ES, 689ESM, BMT 6108ES:

- * Extra downdraft dust hood cover for quick suction
- * Bakelite cover for perfectly protecting workpieces with downdraft dust hood cover
- * New N-type handle for BMT 689ES & BMT 6108ES

Patent Pin

SPECIFICATIONS:

MODEL	BMT 689ES	BMT 689ESM
Motor	2 HP	
Motor Speed	1720 rpm	
Belt Size	152 x 2743 mm	152 x 2260 mm
Belt Speed	3150 fpm	
Edge Table Size	680 x 305 mm	
Auxiliary Table Size	289 x 225 mm	
Patent Tilting	0~90°	
Table Adjustment	Up to 89 mm, Forward to 120 mm	
Dust Chute	100 mm x 2	
Oscillation Distance	10 mm	
Sanding Drums	38 mm, 50 mm, 75 mm Diameter x 114mm (L)	
Machine Dimension (LxWxH)	1300 x 699 x 1213 mm	
Packing Dimension (LxWxH)	1200 x 760 x 1110 mm	1250 x 730 x 1070 mm
N.W. / G.W. / Cuft	180 kgs / 210 kgs / 36'	161 kgs / 188 kgs / 34.4'
Sets in 20FT / 40FT Container	26 sets / 60 sets	26 sets / 56 sets

*Specifications are subject to change without prior notice.



Downdraft Dust Hood Cover



Bakelite Cover



N-type Handle

BMT 6108ES / BMT 6108ESVS



BMT 6108ESV2



Control Panel

FEATURES:

- * The sander can sand workpiece in either horizontal or vertical position or any angle in between 0 to 90 degrees.
- * Belt plate is made from precision ground steel.
- * Main sanding paper runs in precision ball bearing and is oscillated by a heavy duty worm and gear mechanism.
- * The worm and gear mechanisms run in oil.
- * 3 spindles from 1.5", 2", 3" in diameter all have threaded end for quick changes.
- * The front cast iron table can be moved up and down, beside also forward and backwar to the sanding plate.
- * Special rubber idler roller and aluminum drive roller to ensure positive grip.
- * With variable speed for various materials, not only for wood.

SPECIFICATIONS:

MODEL	BMT 6108ESVS	BMT 6108ESV2	BMT 6108ES
Motor	3 HP		
Motor Speed	300~3300 rpm	1720 rpm / 3300 rpm	1720 rpm
Belt Size	152 x 2743 mm		
Belt Speed	550~6300 fpm	3150 fpm / 6300 fpm	3150 fpm
Edge Table Size	899 x 305 mm		
Auxiliary Table Size	289 x 225 mm		
Patent Tilting	0~90°		
Table Adjustment	Up to 89 mm, Forward to 120 mm		
Dust Chute	100 mm x 2		
Oscillation Distance	10 mm		
Sanding Drums	38 mm, 50 mm, 75 mm Diameter x 114mm (L)		
Machine Dimension (LxWxH)	1300 x 699 x 1213 mm		1540 x 699 x 1213 mm
Packing Dimension (LxWxH)	1200 x 760 x 1110 mm		1460 x 760 x 1110 mm
N.W. / G.W. / Cuft	180 kgs / 210 kgs / 36'		225 kgs / 270 kgs / 43'
Sets in 20FT / 40FT Container	26 sets / 60 sets		24 sets / 48 sets

*Specifications are subject to change without prior notice.

2 IN 1 HORIZONTAL & VERTICAL STROKE SANDER

BMT 1560ES



FEATURES:

- * Sand door, wide boards and panels with ease.
- * This large capacity stroke sander can handle heavy stock removal, yet still allows for fine finishing.
- * Manual operated platen slides on ball bearing rollers, so you can apply just the right amount of pressure at just the right spot.
- * The sander can sand workpieces in either horizontal or vertical position.

SPECIFICATIONS:

MODEL	BMT 1560ES
Motor	3 HP
Belt Size	152 x 4725 mm
Table Size	1500 x 600 mm
Table Rising Distance	550 mm
Max. Working Length	2000 mm
Min. Working Thickness	140 mm
Machine Dimension (LxWxH)	2090 x 1210 x 1660 mm
Packing Dimension (LxWxH)	2195 x 935 x 560 mm
N.W. / G.W. / Cuft	255 kgs / 316 kgs / 41'

*Specifications are subject to change without prior notice.

WIDE BELT SANDER

BMT 1836WBS



SPECIFICATIONS:

MODEL	BMT 1836WBS
Drum Length	407 mm
Drum Diameter	82 mm
Drum Speed	50Hz: 1420 rpm
Max. Thickness of Workpiece	127 mm
Min. Thickness of Workpiece	6.35 mm
Max. Sanding Width	457.2 mm
Feed Speed	Variable Speed 6~30 fpm
Dust Outlet Diameter	100 mm
Drum Motor	3 HP
Feed Drive Motor	1/4 HP
Packing Dimension	1030 x 860 x 1740 mm
N.W. / G.W.	215 kgs / 265 kgs

*Specifications are subject to change without prior notice.

FEATURES:

- * Open end sander provides up to 915mm sanding capacity.
- * Rugged rubber covered drum support frame.
- * Configuration of two sanding drums provides high efficient sanding performance.
- * A depth scale in both inch and metric graduation is provided on the drum support frame for indicating the thickness adjustment amount.
- * Table, belt, tracking is easy to adjust.
- * Easy operation for sanding belt adjustment.
- * Machine drum will be swinging left and right to avoid wood chips attached to the sanding belt.
- * Extension table is adjustable according to the operator's requirement.

DRUM SANDER

BMT 13DS / BMT 17DS



FEATURES:

- * All sealed ball bearings.
- * Thickness scale.
- * Adjustable rollers.
- * Full cast iron table.
- * Solid steel welded construction.
- * Geared chrome crank handle.
- * Industrial conveyor belt.
- * Spring loaded quick release paper mechanism.
- * #150 sanding paper included.



Stand (optional)



Sanding Paper (optional)
(#80x1, #150x1, #240x1)

SPECIFICATIONS:

MODEL	BMT 13DS	BMT 17DS
Max. Sanding Width	330 mm	432 mm
Max. Material Thickness	100 mm	
Min. Material Thickness	3 mm	
Min. Stock Length	203 mm	
Belt Size	76 mm Roll	
Min. Dust Collection Req.	750 cfm	
Dust Collection Port	102 mm	
Belt Speed	0~6.7 M/min	
Drum Speed	1720 rpm (688 M/min)	
Drum Motor	1 HP	
Conveyor Motor	1/4 HP (DC)	
Machine Dimension	800 x 600 x 1200 mm	900 x 600 x 1200 mm
Packing Dimension	940 x 750 x 1300 mm	1020 x 750 x 1300 mm
N.W. / G.W.	83 kgs / 95 kgs	94 kgs / 104 kgs

*Specifications are subject to change without prior notice.



BMT 25DS



FEATURES:

- * High quality conveyor belt for long service life.
- * Dynamically balanced sanding drums ensure smooth running.
- * Conveyor belt tracking is convenient to adjust.
- * The sanding drum drive is controlled by a magnetic switch.
- * The conveyor belt running is operated by a key switch.
- * 102 mm diameter dust hood.
- * The conveyor belt feed is driven by a DC motor, providing variable speeds to suit all type of soft and hard wood workpiece.
- * The conveyor table elevation is operated by means of a crank handle. A depth scale in both metric and imperial graduation is provided on the left of the machine frame for indication of the thickness adjustment value.



Two-sanding drum configuration allows coarse and fine results in one-time sanding, and provides high efficiency sanding performance.



The parallelism between the sanding drums and conveyor table is conveniently adjusted by turning the adjustment screw. The front drum is fixed while the rear drum is adjustable by the adjustment screw.

SPECIFICATIONS:

MODEL	BMT 25DS
Drum Length	635 mm
Drum Diameter	127 mm
Drum Speed	1600 rpm
Max. Thickness of Workpiece	127 mm
Min. Thickness of Workpiece	6.4 mm
Feed Speed	Variable Speed 3~20 fpm
Drum Motor	3 HP
Feed Drive Motor	1/8 HP (DC)
Machine Dimension	1143 x 711 x 1321 mm
N.W. / G.W. / Cuft	180 kgs / 210 kgs / 47.1'

*Specifications are subject to change without prior notice.

DRUM SANDER

BMT 2524DS, BMT 3724DS, BMT 5424DS (2 SANDING ROLLERS)



FEATURES:

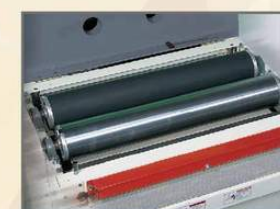
- * Ruggedly constructed throughout assures maximum stability and minimum noise.
- * Heavy gauge steel frame and conveyor table for maximum durability without deformation.
- * Conformity to CE standards certified by Nemko.
- * Thickness limit control switch ensure operation safety.
- * Industrial grade conveyor belt provides smooth running and slipping-free performance.
- * Abrasive sanding paper is easy to connect with the drum. Guarantees no folding or breaking during sanding operations.
- * Two sanding drums position may be micrometrically adjusted.
- * 4 heavy duty jack screws provide solid support for conveyor table.
- * Minimum sanding length 203 mm.
- * Thickness capacity on each sanding is 0.1–0.4mm.
- * Single or three phase motor.
- * Various sanding belts to choose #60, #80, #100, #150, #180, #240.
- * Variable feeding speed (optional).

SPECIFICATIONS:

MODEL	BMT 2524DS	BMT 3724DS	BMT 5424DS
Sanding Roller	2		
Max. Sanding Width	635 mm	940 mm	1370 mm
Max. Sanding Thickness	100 mm		
Table Dimension	635 x 870 mm	940 x 870 mm	1370 x 970 mm
Sanding Wheel Diameter	150 mm		
Sanding Wheel Speed	1720 rpm		
Feeding Speed	3.7 M/min		
Sanding Motor	5 HP	7.5 HP	15 HP
Feeding Motor	1/4 HP		
Machine Dimension	939 x 1041 x 1092 mm	1244 x 1041 x 1092 mm	1676 x 1181 x 1092 mm
Packing Dimension	1066 x 1143 x 1043 mm	1346 x 1168 x 1143 mm	1879 x 1371 x 1143 mm
N.W. / G.W.	380 kgs / 430 kgs	460 kgs / 520 kgs	550 kgs / 610 kgs

*Specifications are subject to change without prior notice.

BMT 2524DSV, BMT 3724DSV, BMT 5424DSV (2 SANDING ROLLERS)



Two Sanding Drum Configuration



Five pressure rollers ensures safety and stabilit.



Rigid Cast Aluminum Table for 37" & 54" series.



Metalic Table for 25" series

SPECIFICATIONS:

MODEL	BMT 2524DSV	BMT 3724DSV	BMT 5424DSV
Sanding Roller	2		
Max. Sanding Width	635 mm	940 mm	1370 mm
Max. Sanding Thickness	100 mm		
Table Dimension	635 x 870 mm	940 x 870 mm	1370 x 970 mm
Sanding Wheel Diameter	150 mm		
Sanding Wheel Speed	1720 rpm		
Feeding Speed	2.7~7.2 M/min		
Sanding Motor	5 HP	7.5 HP	15 HP
Feeding Motor	1/4 HP		
Machine Dimension	939 x 1041 x 1092 mm	1244 x 1041 x 1092 mm	1676 x 1181 x 1092 mm
Packing Dimension	1066 x 1143 x 1143 mm	1346 x 1168 x 1143 mm	1879 x 1371 x 1143 mm
N.W. / G.W.	380 kgs / 430 kgs	460 kgs / 520 kgs	550 kgs / 610 kgs

*Specifications are subject to change without prior notice.

HOLLOW CHISEL MORTISER

BMT 1600CMT



Right & left hand side tilting 30°

FEATURES FOR BMT 1600CMT:

- * Heavy-duty cast-iron construction, machine with precision.
- * Head gas cylinder provides smooth performance.
- * Control rods for depth and length stop.
- * Provides tilting head and swiveling 180°
- * Working capacity 5"~9"
- * Patent No.: US 6516 842 B1
- * European union 000131107-0001



Chisel & Bits

Special Accessories	
Drill Adapt Shaft	1 pc
Drill Bush	1 pc
12.7 mm Chuck & Key	1 pc
6 mm Chisel & Bit	1 pc
10 mm Chisel & Bit	1 pc
12 mm Chisel & Bit	1 pc
16 mm Chisel & Bit	1 pc
19 mm Chisel & Bit	1 pc
25 mm Chisel & Bit	1 pc

Standard Accessories	
Chisel Bush	1 pc
12.7 mm Chuck & Key	1 pc

SPECIFICATIONS:

MODEL	BMT 1600CMT
Chisel Capacity	6~16 mm
Max. Chisel Stroke	228 mm
Distance from Fence to Center Chisel	76 mm
Distance from Center Chisel to Table	170 mm
Chuck Capacity	13 mm
Table Size	216 x 200 mm
Base Size	220 x 355 mm
Table Longitudinal Travel	-
Table Cross Travel	-
Head Tilt	Right & Left 30°
Spindle Speed	2850 rpm at 50Hz 1720 rpm at 60Hz
Motor	1/2 HP
Overall Height	736 mm
Packing Dimension	340 x 410 x 660 mm
N.W. / G.W.	42 kgs / 44 kgs

*Specifications are subject to change without prior notice.

BMT 2500CMT



Right & left hand side tilting 30°

FEATURES FOR BMT 2500CMT:

- * Control rods for depth and length stop.
- * Heavy-duty rack and gear provides the entire head to lower in order to feed mortiser accurately into workpiece.
- * Right and left hand side tilting 30°.
- * Hand wheels can be used to move cast-iron table in longitudinal and lateral directions.
- * Patent No.: US6516 842 B1



Open Stand (optional)



Closed Stand (optional)

SPECIFICATIONS:

MODEL	BMT 2500CMT
Chisel Capacity	6~25 mm
Max. Chisel Stroke	200 mm
Distance from Fence to Center Chisel	76 mm
Distance from Center to Chisel to Table	259 mm
Chuck Capacity	13 mm
Table Size	325 x 486 mm
Base Size	300 x 300 mm
Table Longitudinal Travel	370 mm
Table Cross Travel	76 mm
Head Tilt	Right & Left 30°
Spindle Speed	2850 rpm at 50Hz / 1720 rpm at 60Hz
Motor	1 HP
Overall Height	991 mm
Packing Dimension	560 x 560 x 914 mm
N.W. / G.W.	86 kgs / 98 kgs

*Specifications are subject to change without prior notice.



Chisel & Bits

Special Accessories	
Drill Adapt Shaft	1 pc
Drill Bush	1 pc
12.7 mm Chuck & Key	1 pc
6 mm Chisel & Bit	1 pc
10 mm Chisel & Bit	1 pc
12 mm Chisel & Bit	1 pc
16 mm Chisel & Bit	1 pc
19 mm Chisel & Bit	1 pc
25 mm Chisel & Bit	1 pc

Standard Accessories	
Chisel Bush	1 pc
12.7 mm Chuck & Key	1 pc

HINGE BORING MACHINE

BMT 101HM



FEATURES:

- * One position of the spindle head is dedicated to the blum hinge boring pattern.
- * Pneumatic clamp and spindle up and down travel.
- * Foot controller for main spindle rise.
- * MDF strong table



Main Spindle Rise Height Adjustment



Foot Switch



Spindle Rise



Pneumatic Hold Down

SPECIFICATIONS:

MODEL	BMT 101HM
Motor	2 HP
Workpiece Holding Thickness	15~40 mm
Table Size	700 x 497 mm
Table Height	863 mm
Spindle Speed	3500 rpm
Power Transfer	Direct Drive
Air Consumption	9 Bar
Machine Dimension (LxWxH)	930 x 569 x 1214 mm
Machine Weight	77 kgs

*Specifications are subject to change without prior notice.

BMT 3500BM



FEATURES:

- * Fully adjustable fence system with easy to read scales in both inches and metric for quick setup and accurate boring.
- * Manually quick clamp devices.
- * Heavy-duty cast iron construction machined with precision.
- * Indexing pins to remain correct spindle alignment for resuming line boring operations in long workpiece.
- * Work stops on either end of the fence, allow operator to line up work from the left to right for performing parallel boring patterns.
- * Adjustable depth stop control.
- * Optional motor specifications deliver fairly power and speed for multi hole boring even in the toughest workpiece.
- * Minimal maintenance required.
- * 3 spindle hinge drill bit set.
- * Open base steel stand included.
- * Sturdy density veneered plywood table top.

SPECIFICATIONS:

MODEL	BMT 3500BM
Max. Boring Depth	64 mm
Number of Spindle Heads	3 (Left 2 + Right 1)
Table Size	800 x 400 mm
Fence	800 mm
Spindle Center	Please Specify
Collet Diameter	Ø10 mm
Max. Depth (Bit to Fence)	102 mm
Table Height from Floor	848 mm
Spindle Speed	2800 / 3450 rpm
Motor	1 HP
Machine Dimension	1300 x 1900 x 1747 mm
Packing Dimension	560 x 880 x 830 mm
N.W. / G.W.	80 kgs / 95 kgs

*Specifications are subject to change without prior notice.



BORING MACHINE (MULTI-SPINDLE)

BMT 3213BM



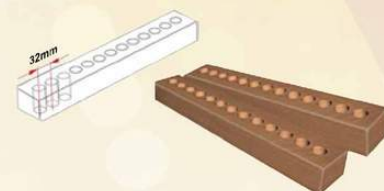
FEATURES:

- * Fully adjustable fence system with easy to read scales in both inches and metric for quick setup and accurate boring.
- * Manually quick clamp devices.
- * Heavy-duty cast iron construction machined with precision.
- * Indexing pins to remain correct spindle alignment for resuming line boring operations in long workpiece.
- * Work stops on either end of the fence, allow operator to line up work from the left to right for performing parallel boring patterns.
- * Adjustable depth stop control.
- * Optional motor specifications deliver fairly power and speed for multi hole boring even in the toughest workpiece.
- * Minimal maintenance required.
- * Optional multi-axis bit set.
- * Open base steel stand included.
- * Sturdy density veneered plywood table top.

SPECIFICATIONS:

MODEL	BMT 3213BM
Max. Boring Depth	64 mm
Number of Spindle Heads	13 (Left 6 + Right 7)
Table Size	800 x 400 mm
Fence	800 mm
Spindle Center	32 mm
Shank Diameter	Ø10 mm
Max. Depth (Bit to Fence)	102 mm
Table Height from Floor	848 mm
Spindle Speed	2800 / 3450 rpm
Motor	1-1/2 HP
Machine Dimension	1300 x 1900 x 1747 mm
Packing Dimension	560 x 880 x 830 mm
N.W. / G.W.	82 kgs / 97 kgs

*Specifications are subject to change without prior notice.



PLANER

BMT 20P



FEATURES:

- * Uniform thickness smooth cutting.
- * Quick-adjustment equipment for quick adjusting table rolls while encountering with unusual rough bottom workpiece.
- * Anti kick back equipment gives operator greater safety.
- * Sectional in-feed roll, chip breaker.
- * Easy operation knife setting gage.
- * Magnetic switch control.
- * 6" diameter dust hood outlet.

STANDARD ACCESSORIES:

- * 5HP motor
- * Magnetic switch
- * 6" diameter dust hood
- * Knife setting gage
- * Adjusting spanner

SPECIFICATIONS:

MODEL	BMT 20P
Max. Width of Workpiece	508 mm
Max. Thickness of Workpiece	203 mm
Max. Cutting Depth	8 mm
Min. Length of Workpiece	200 mm
Table Size	713 x 562 mm
Number of Knives	3 pcs
Cutter Head Diameter	80 mm
Cutting Circle	84 mm
In-feed Roll (Sectional)	76 mm x 1
Out-feed Roll (Solid)	60 mm x 1
Table Roll (Solid)	72 mm x 2
Feed Rate	871 mm/min
Speed	5200 rpm
Machine Dimension (LxWxH)	1108 x 762 x 1136 mm
Packing Dimension (LxWxH)	1280 x 800 x 1200 mm
N.W. / G.W.	420 kgs / 520 kgs

*Specifications are subject to change without prior notice.



Quick-adjustment Equipment for quick adjusting table rolls while encountering with usual rough bottom workpieces.

HEAVY DUTY PLANER

BMT 508P



FEATURES:

- * Heavy duty modern looks cast iron body.
- * Uniform thickness smooth cutting.
- * Anti kick back equipment gives operator greater safety.
- * Sectional in-feed roll, chip breaker.
- * 4-knife cutter head for more smooth performance.
- * Easy operation knives setting gage.
- * Magnetic switch control.
- * 6" diameter nozzle exhaust hood.

STANDARD ACCESSORIES:

- * 5HP motor
- * Magnetic switch
- * 6" diameter dust hood
- * Knife setting gage
- * Adjusting spanner

OPTIONAL ACCESSORIES:

- * Grinding attachment
- * Power table
- * Power table roll
- * Enlarged motor 7-1/2HP
- * Digital controller
- * Variable feed speed



Accurately Designed
Well-built & Neat Precise
Structure



Variable Feed Speed
(optional)



Digital Controller
(optional)



Quick-adjustment Equipment
for quick adjusting table rolls
while encountering with usual
rough bottom workpieces.

SPECIFICATIONS:

MODEL	BMT 508P
Max. Width of Workpiece	508 mm
Max. Thickness of Workpiece	300 mm
Max. Cutting Depth	8 mm
Min. Length of Workpiece	220 mm
Table Size	748 x 562 mm
Number of Knives	4 pcs
Cutter Head Diameter	98 mm
Cutting Circle	102 mm
In-feed Roll (Sectional)	76 mm x 1
Out-feed Roll (Solid)	60 mm x 1
Table Roll (Solid)	72 mm x 2
Feed Rate	871 mm/min
Speed	4800 rpm
Machine Dimension (LxWxH)	1170 x 868 x 1200 mm
Packing Dimension (LxWxH)	1280 x 870 x 1280 mm
N.W. / G.W.	720 kgs / 820 kgs
Grinding Attachment	30 kgs

*Specifications are subject to change without prior notice.

BMT 630P



FEATURES:

- * Power Raising worktable by 1/2HP separate motor to achieve high efficient operation.
- * Worktable amounts on 4 strong raising screws.
- * Quick-adjustment equipment for quick adjusting table rolls while encountering with unusual rough bottom workpieces.
- * Variable Feed speed system actuated by separate 1HP motor to meet the needs of different kind of material for powerful feeding and greater safety of operation.
- * Anti kick back equipment gives operator greater safety.
- * Sectional in-feed roll, chip breaker.
- * 4-Knife cutter head for more smooth performance.
- * Easy operation knife setting gage.
- * 6" diameter nozzle exhaust hood.
- * Two upper outfeed rolls.

STANDARD ACCESSORIES:

- * 7-1/2 HP motor
- * Magnetic switch
- * 6" diameter nozzle exhaust hood
- * Knife setting gage
- * Adjusting spanner

OPTIONAL ACCESSORIES:

- * Grinding attachment
- * Power table
- * Enlarged motor 10HP
- * Digital controller



Accurately Designed
Well-built & Neat Precise
Structure



Digital
Controller
(optional)



Quick-adjustment Equipment
for quick adjusting table rolls
while encountering with usual
rough bottom workpieces.

SPECIFICATIONS:

MODEL	BMT 630P
Max. Width of Workpiece	630 mm
Max. Thickness of Workpiece	300 mm
Max. Cutting Depth	8 mm
Min. Length of Workpiece	220 mm
Table Size	870 x 685 mm
Number of Knives	4 pcs
Cutter Head Diameter	98 mm
Cutting Circle	102 mm
In-feed Roll (Sectional)	76 mm x 1
Out-feed Roll (Solid)	60 mm x 2
Table Roll (Solid)	72 mm x 2
Feed Rate	871 mm/min
Speed	4800 rpm
Machine Dimension (LxWxH)	1305 x 960 x 1200 mm
Packing Dimension (LxWxH)	1130 x 970 x 1320 mm
N.W. / G.W.	820 kgs / 920 kgs
Grinding Attachment	30 kgs

*Specifications are subject to change without prior notice.

AUTOMATIC PLANER

BMT 20AP / BMT 24AP



FEATURES:

- * Cast iron frame, precision machined.
- * Table manufactured from high quality & rib reinforced cast iron for perfect alignment and maximum rigidity. Table surface is polished for a smooth and accurate feeding effect.
- * Straight cutter head and spiral cutter head are available.
- * Corrugated infeed roller (80 mm diameter).
- * Solid type outfeed roller with smooth surface.
- * 2 adjustable bed rollers from 0~0.040" above table.
- * Pressure bar made from cast iron with tension spring and concentrically mounted to cutter head for exact tolerance of cutting circle.
- * Chip breaker made from ductile iron with loaded spring and independent sections (1/4" yield). Sections are mounted on a steel shaft just ahead of knife-cutting circle.

STANDARD ACCESSORIES:

- * Straight cutter head (3 knives) or spiral cutter head (15x15x2.5mm)
- * Dust hood
- * Magnetic control
- * Tools & tool box

OPTIONAL ACCESSORIES:

- * Enlarged motor
- * Digital display for height



Digital Display for Height (optional)



Sectional Infeed Roller



Dust Hood



Quick Straight Knife Cutterhead Change



Spiral Cutterhead

SPECIFICATIONS:

MODEL	BMT 20AP	BMT 24AP
Table Size	533 x 692 mm	635 x 692 mm
Cutter Head Diameter	80 mm	
Cutting Circle	82.5 mm	
Cutter Head Speed	Spiral 5500 rpm	Straight 4500 rpm
Spiral Raw Number	6	
Number of Straight Knives	3	
Spiral Insert Size	15 x 15 x 2.5 mm	
Feeding Rollers	75 mm	
Table Rollers	60 mm	
Max. Cutting Depth	6.3 mm	
Max. Width of Stock	508 mm	610 mm
Cutter Head Motor	5 HP	7.5 HP
Packing Dimension	1016 x 965 x 1117 mm	1117 x 1066 x 1117 mm
N.W. / G.W.	400 kgs / 450 kgs	450 kgs / 500 kgs

*Specifications are subject to change without prior notice.

BMT 510APB / BMT 630APB / BMT 660APB / BMT 760APB



FEATURES:

- * Powerful cutter head motor.
- * Straight cutter head & spiral cutter head are available.
- * Spiral cutter head provides high chip removal rate, superior surface finish and low noise level.
- * Heavy-duty cast iron table is heat treated & precision ground.
- * Manual table elevation.
- * Two Ø1-1/2" jack screws provide solid table support.
- * 2 corrugated section infeed rollers move independent for variable thickness feeding.

STANDARD ACCESSORIES:

- * Manual table elevation
- * Anti-kickback fingers
- * Straight cutter head (4 knives) or spiral cutter head (15x15x2.5mm)
- * Tools & tool box

SPECIFICATIONS:

MODEL	BMT 510APB	BMT 630APB	BMT 660APB	BMT 760APB
Table Size	965 x 534 mm	965 x 635 mm	965 x 685 mm	965 x 787 mm
Cutter Head Diameter	98 mm			
Cutting Circle	101 mm			
Cutter Head Speed	Spiral 5500 rpm Straight 4500 rpm			
Spiral Raw Number	6			
Number of Straight Knives	4			
Spiral Insert Size	15 x 15 x 2.5 mm			
Feeding Rollers	75 mm x 2			
Table Rollers	65 mm			
Feeding Speed	3 speeds, 6, 9, 12 M/min			
Max. Cutting Depth	8 mm			
Stock Thickness Range	6~203 mm			
Max. Width of Stock	508 mm	609 mm	660 mm	760 mm
Cutter Head Motor	7.5 HP	10 HP		15 HP
Feed Drive Motor	1 HP		2 HP	
Packing Dimension	1117 x 1016 x 1346 mm	1220 x 1143 x 1372 mm	1320 x 1168 x 1448 mm	1422 x 1168 x 1448 mm
N.W. / G.W.	800 kgs / 900 kgs	900 kgs / 1000 kgs	1050 kgs / 1150 kgs	1250 kgs / 1350 kgs

*Specifications are subject to change without prior notice.



One Piece Top Guard For BMT APB Series



Manual Table Elevation

AUTOMATIC PLANER

BMT 510APC / BMT 630APC / BMT 660APC / BMT 760APC



FEATURES:

- * Powerful cutter head motor.
- * Straight cutter head & spiral cutter head are available.
- * Spiral cutter head provides high chip removal rate, superior surface finish and low noise level.
- * Heavy-duty cast iron table is heat treated & precision ground.
- * Manual table elevation.
- * Two Ø1-1/2" jack screws provide solid table support.
- * 2 corrugated section infeed rollers move independent for variable thickness feeding.

STANDARD ACCESSORIES:

- * Manual table elevation
- * Anti-kickback fingers
- * Straight cutter head (4 knives) or spiral cutter head (15x15x2.5mm)
- * Tools & tool box

SPECIFICATIONS:

MODEL		BMT 510APC	BMT 630APC	BMT 660APC	BMT 760APC
Table Size		965 x 534 mm	965 x 635 mm	965 x 685 mm	965 x 787 mm
Cutter Head Diameter		98 mm			
Cutting Circle		101 mm			
Cutter Head Speed	Spiral	5500 rpm			
	Straight	4500 rpm			
Spiral Raw Number		6			
Number of Straight Knives		4			
Spiral Insert Size		15 x 15 x 2.5 mm			
Feeding Rollers		75 mm x 2			
Table Rollers		65 mm			
Feeding Speed		3 speeds, 6, 9, 12 M/min			
Max. Cutting Depth		8 mm			
Stock Thickness Range		6~203 mm			
Max. Width of Stock		508 mm	609 mm	660 mm	760 mm
Cutter Head Motor		7.5 HP	10 HP		15 HP
Feed Drive Motor		1 HP		2 HP	
Packing Dimension		1117 x 1016 x 1346 mm	1220 x 1143 x 1372 mm	1320 x 1168 x 1448 mm	1422 x 1168 x 1448 mm
N.W. / G.W.		800 kgs / 900 kgs	900 kgs / 1000 kgs	1050 kgs / 1150 kgs	1250 kgs / 1350 kgs

*Specifications are subject to change without prior notice.



Simple Top Guard For BMT APC Series



Manual Table Elevation

BMT 510APM / BMT 630APM / BMT 660APM / BMT 760APM / BMT 850APM



FEATURES:

- * Powerful cutter head motor.
- * Variable feeding speed driven by inverter.
- * Digital position controller for convenient thickness setting & automatic positioning.
- * Ruggedly constructed throughout.
- * Spiral cutter head provides high chip removal rate, superior surface finish and low noise level.
- * Precision ball bearings for cutter head.
- * Heavy-duty cast iron table is heat treated and precision ground.
- * Powered table elevation for fast and convenient thickness setting.
- * Additional emergency stop switch located on the back of the machine.
- * Two Ø1-1/2" jack screws provide solid table support.
- * Corrugated sectional infeed rollers move independently for variable thickness feeding.
- * Anti-kickback fingers set at the infeed end provide additional safety for operator.
- * Feeding speed meter installed on the front control panel.
- * Adjustable bed rollers for planning rough, finished lumber or glued panels.

STANDARD ACCESSORIES:

- * Powered table elevation
- * Digital table positioning control
- * Anti-kickback fingers
- * Sectional infeed rollers (Double)
- * Straight cutter head (4 knives) or spiral cutter head (15x15x2.5mm)
- * Tools & tool box



Electrical Control Box



Powerful Dust Suction



Quick Roller Table Adjustment



Spiral Cutterhead



Convenient Adjustment



Additional Emergency Stop Switch

SPECIFICATIONS:

MODEL		BMT 510APM	BMT 630APM	BMT 660APM	BMT 760APM	BMT 850APM
Table Size		965 x 534 mm	965 x 635 mm	965 x 685 mm	965 x 787 mm	965 x 876 mm
Cutter Head Diameter		98 mm				
Cutting Circle		101 mm				
Cutter Head Speed	Spiral	5500 rpm				
	Straight	4500 rpm				
Spiral Raw Numbers		6				
Number of Straight Knives		4				
Spiral Insert Size		15 x 15 x 2.5 mm				
Feeding Rollers		75 mm x 2				
Table Rollers		65 mm				
Feeding Speed		Variable speeds, 0~25 M/min				
Max. Cutting Depth		8 mm				
Stock Thickness Range		6~203 mm				
Max. Width of Stock		508 mm	609 mm	660 mm	760 mm	850 mm
Cutter Head Motor		10 HP	15 HP	20 HP		25 HP
Feed Drive Motor		1 HP	2 HP			
Packing Dimension		1117 x 1016 x 1346 mm	1220 x 1143 x 1372 mm	1320 x 1168 x 1448 mm	1422 x 1168 x 1448 mm	1550 x 1168 x 1448 mm
N.W. / G.W.		800 kgs / 900 kgs	900 kgs / 1000 kgs	1050 kgs / 1150 kgs	1250 kgs / 1350 kgs	1450 kgs / 1550 kgs

*Specifications are subject to change without prior notice.

AUTOMATIC PLANER

BMT 850APP / BMT 1000APP / BMT 1300APP



FEATURES:

- * Powerful cutter head motor makes it perfect for heavy-duty planning and meets high production requirements.
- * Variable feeding speed driven by worm gear reducer.
- * Digital position controller for convenient thickness setting with keypad entry.
- * Ruggedly constructed throughout (cast iron and thick steel plate).
- * Spiral cutter head provides high chip removal rate, superior surface finish and low noise level.
- * Corrugated sectional infeed rollers move independently for variable thickness feeding.
- * Power driven table rollers offer consistent & powerful feeding effect.
- * Additional emergency stop switch located on the back of the machine.
- * 4 table rollers, 2 infeed rollers and 2 outfeed rollers run synchronously during machining and provide smooth operation even for heavy-duty use.

STANDARD ACCESSORIES:

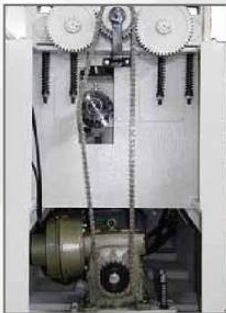
- * Powered table elevation
- * 2 Sectional infeed rollers
- * 2 Rubber-covered outfeed rollers
- * Straight cutter head (4 knives) or spiral cutter head (15x15x2.5 mm)
- * Tools & tool box



Electrical Control Box



Powerful Cutterhead Drive Motor



Feed Drive Assembly



Electrical Control Panel



Rubber-covered Outfeed Rollers (Left) & Sectional Infeed Rollers (Right)

SPECIFICATIONS:

MODEL		BMT 850APP	BMT 1000APP	BMT 1300APP
Table Size		1397 x 895 mm	1397 x 1067 mm	1397 x 1371 mm
Spiral Cutter Head Diameter		150 mm		
Cutter Head Speed	Spiral	4600 rpm		
	Straight	3600 rpm		
Spiral Raw Numbers		8		
Number of Straight Knives		4		
Spiral Insert Size		15 x 15 x 2.5 mm		
Feeding Rollers		100 mm x 2		
Table Rollers		100 mm x 4		
Feeding Speed		Variable speeds, 0~25 M/min		
Max. Cutting Depth		8 mm		
Stock Thickness Range		9.5~203 mm		
Max. Width of Stock		850 mm	1000 mm	1300 mm
Cutter Head Motor		25 HP		30 HP
Feed Drive Motor		2 HP		3 HP
Table Elevation Motor		2 HP		
Packing Dimension		1854 x 1574 x 1574 mm	1854 x 1778 x 1574 mm	2159 x 1778 x 1574 mm
N.W. / G.W.		2280 kgs / 2500 kgs	2900 kgs / 3200 kgs	3200 kgs / 3500 kgs

*Specifications are subject to change without prior notice.

4-SIDED PLANER / MOULDER

BMT 410PM / BMT 410PMS

BMT 412PM



OPTIONAL ACCESSORIES FOR 4-SIDED PLANER:



Vertical Spindle Cutter



Two Cutting Angles On One Cutter



Automatically Operated Rotary Phase Converter



Dust Blower



Easy Mobility

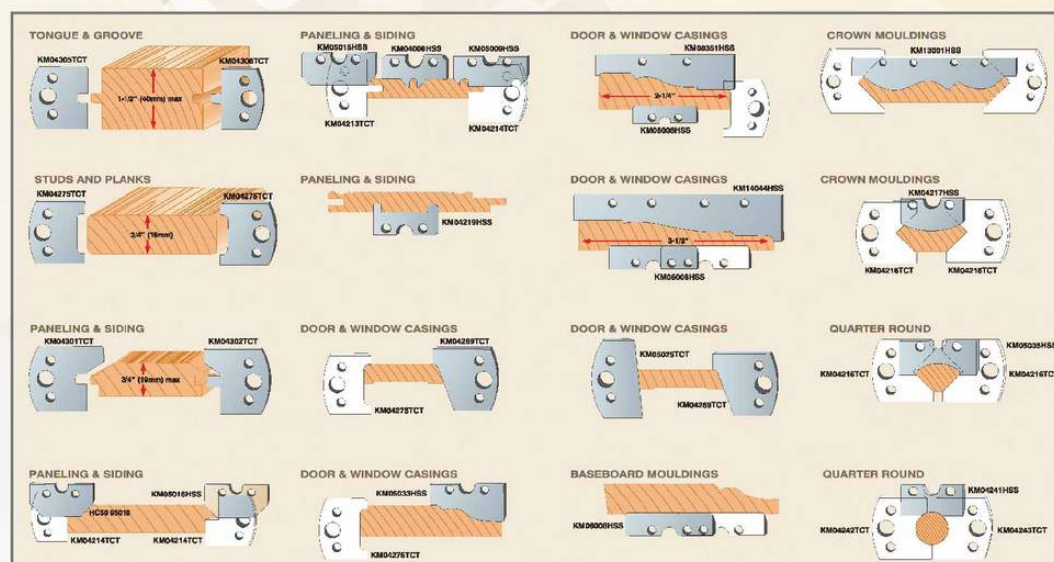


Universal Knife Grinder



Infeed and Outfeed Table Extension

PROFILE KNIVES FOR 4-SIDED PLANER:



FEATURES:

- * Great molding / planing capacity.
- * Extremely flexible performance.
- * Powerful motor drive for each spindle.
- * All motion controls of the machine are centralized on the control panel, located at the left side of the machine for easy access and operation convenience. Each cutter head is individually controlled on the control panel.
- * The entire table can be raised or lowered by turning a hand wheel, equipped with a mechanical meter for accurate reading of the table adjustment.
- * Top horizontal spindle equipped with two planer knives and two pattern knives for planing and molding operations at a time.
- * Variable feed speed is achieved through a disco type variable speed unit combined with gear reducer, making this moulder ideal for cutting soft and hard wood material.
- * The left vertical spindle can be adjusted in forward and backward direction to suit workpiece width.
- * A mechanical meter is equipped for accurate reading of the spindle adjustment amount.
- * Design for farm working shop, school shop, hobby, small furniture factory.
- * Three phase motor for BMT 410PM & BMT 412PM, and one phase motor for BMT 410PMS.
- * Digital position control for accurate and easy setting.
- * Compact construction & maximum stability.
- * See-through top guard.

SPECIFICATIONS:

MODEL	BMT 410PM	BMT 410PMS	BMT 412PM
Planing Width x Depth	320 x 12~230 mm		365 x 12~230 mm
2-Side Planing / Moulding Width x Depth	300 x 12~230 mm		346 x 12~230 mm
4-Side Planing / Moulding Width x Depth	0~260 x 12~100 mm		0~306 x 12~100 mm
Top Horizontal Spindle			
Width	410 mm		455 mm
Max. Planing Depth	10 mm		8 mm
Max. Moulding Depth	8 mm		19 mm
Speed	7000 rpm		
Cutter Head Diameter	72 mm		
Motor	4.1 HP	3 HP	7-1/2 HP
Bottom Horizontal Spindle			
Width	300 mm		346 mm
Max. Planing Depth	5 mm		6 mm
Max. Moulding Depth	4 mm		5 mm
Speed	7000 rpm		
Cutter Head Diameter	72 mm		
Motor	4.1 HP	3 HP	5 HP
Right & Left Vertical Spindles			
Max. Cutting Height	100 mm		
Max. Cutting Depth	21 mm		
Spindle Diameter	31.75 mm		
Max. Cutter Head Diameter	-		140 mm
Speed	7000 rpm		
Cutter Head Diameter	90 mm		
Motor	4.1 HP x 2	3 HP x 2	4.1 HP x 2
Other Specifications			
Table Size	1030 x 630 mm		1125 x 685 mm
Table Elevation	230 mm		
Power Table (Raise)	-		1/6 HP
Feed Speed	Variable, 3.4~16 M/min		
Feed Motor	1/2 HP		
Dust Hood Outlet	Variable Speed	101.6 mm x 4	-
Machine Dimension (LxWxH)	1375 x 1080 x 1210 mm		1485 x 1265 x 1216 mm
Packing Dimension (LxWxH)	1230 x 1080 x 1130 mm		1350 x 1140 x 1130 mm
N.W. / G.W.	525 kgs / 620 kgs		635 kgs / 730 kgs

*Specifications are subject to change without prior notice.



Top Horizontal Spindle



Table Adjustment



Centralized Control Panel



Left Vertical Spindle Adjustment



Variable Speed Feed

JOINTER

BMT 126J / BMT 127J



BMT 168J



FEATURES:

- * Accurate parallelogram design enables table to travel in the same arc as the cutting circle, maintaining close and uniform clearance between table lip and cutter head for safest operation.
- * The large diameter cutter head is ground and balanced. With accurate knives, the cutter head mounts on sealed ball bearings.
- * The spring-loaded adjusting guard moves only when workpiece is being fed. The guard will automatically return to its original position upon completion of the cut. This design gives operator maximum protection by covering cutter head at all time.
- * Bridge guard also available upon request.
- * Magnetic switch.
- * 4" diameter nozzle exhaust hood.

STANDARD ACCESSORIES:

- * Cutter head guard
- * 4" diameter nozzle exhaust hood
- * Adjustment tools

SPECIFICATIONS:

MODEL	BMT 126J	BMT 127J	BMT 168J
Max. Cutting Capacity (WxD)	304.8 x 19 mm		406.4 x 19 mm
Table Size (WxL)	304.8 x 1828 mm	304.8 x 2133 mm	406.4 x 2438 mm
Height from Floor	800 mm		
Fence Size (LxH)	1194 x 140 mm		
Fence Tilt Degree	Front & Right 45°		
Fence Positive Stops	45°, 90°, 130°		
Number of Knives	3		4
Cutter Head Diameter	100 mm		
Cutting Circle	140 mm		
Rabbeting Capacity	19 mm		
Speed	5000 rpm		
Machine Dimension (LxWxH)	1845 x 910 x 940 mm	2165 x 910 x 940 mm	2464 x 1016 x 940 mm
N.W. / G.W.	330 kgs / 400 kgs	320 kgs / 420 kgs	450 kgs / 550 kgs

*Specifications are subject to change without prior notice.



Table Rising and Lowering Mechanism



Noise Reduction Table Lips



Center-mounted Fence



Large Stable Quick-set Fence

SPINDLE SHAPER

BMT 2725SP



BMT 2835SP /
BMT 2835SPS



BMT 2835SPT /
BMT 2835SPTS



Spindle

- * Collet for 1-1/4": 1/4", 3/8", 1/2", 3/4", 1"
- * Collet for 1": 1/4", 3/8", 1/2", 3/4", 1"
- * Collet for 3/4": 1/4", 1/2", 3/4", 1"



Router Bit Chuck

- * 1/2" & 1/4"
- * 1/2" (optional)



Heavy-duty Miter Gauge

- * Cast iron
- * Chrome handle (optional)

SPECIFICATIONS:

MODEL	BMT 2725SP	BMT 2835SP	BMT 2835SPS	BMT 2835SPT	BMT 2835SPTS
Table Size	686 x 635 mm	712 x 902 mm			
Dust Hood	102 mm				
Table Insert	178 mm, 9 mm, 76 mm			178 mm	
Spindle Size	32 mm or 25 mm or 19 mm				
Spindle Travel	76 mm	83 mm	76 mm		
Spindle Speed	8000 / 10000 rpm	3600 / 5100 / 8000 / 10000 rpm			
Table Height	864 mm	880 mm			
Sliding Table	NO		1080 mm	NO	1080 mm
Spindle Tilt	NO			0~45°	
Switch	Magnetic Switch	Forward & Reverse Switch (W/ Lamp), Switch (W/ Lamp), Emergency Stop Main Switch (W/ Lamp)			
Motor	3 HP	5 HP / 7.5 HP (Opt.)			
Machine Dimension	540 x 440 x 1080 mm	950 x 900 x 1350 mm	2000 x 900 x 1350 mm	950 x 1200 x 1350 mm	2000 x 1200 x 1350 mm
Packing Dimension	580 x 750 x 1020 mm	1100 x 990 x 1080 mm	1100 x 990 x 1080 mm	990 x 1110 x 1080 mm	990 x 1110 x 1080 mm
N.W. / G.W.	145 kgs / 160 kgs	311 kgs / 331 kgs	351 kgs / 371 kgs	286 kgs / 326 kgs	371 kgs / 391 kgs

*Specifications are subject to change without prior notice.

SPINDLE SHAPER

BMT 735SM (FIXED TABLE)

BMT 735ST (TILTING SPINDLE, FIXED TABLE)

BMT 735SMS (SLIDING TABLE)

BMT 735STS (TILTING SPINDLE, SLIDING TABLE)



STANDARD ACCESSORIES:

- * Magnetic switch with overload protection
- * Reversing switch
- * Choice of spindle size: Specify spindle diameter when ordering.
- * Hold down springs: Vertical set x 2 pieces
Horizontal set x 2 pieces
- * 5 Table inserts for SM/SMS
- * 3 Table inserts for ST/STS
- * Precision fence with 5" dust outlet
- * Tools & tool box

OPTIONAL ACCESSORIES:

- * Digital display
- * Routing operation
- * Spindle front guard
- * Optional spindle size available

BMT 2070S (FIXED TABLE)

BMT 2070SS (SLIDING TABLE)



STANDARD ACCESSORIES:

- * Magnetic switch with overload protection
- * Reversing switch
- * Choice of spindle size: Specify spindle diameter when ordering.
- * 5 Table inserts
- * 5" Dust outlet x 2pcs
- * Tools & tool box

OPTIONAL ACCESSORIES:

- * Digital display
- * Routing operation
- * Spindle front guard
- * Optional spindle size available



Digital Display (optional)



Spindle Front Guard (optional)

FEATURES:

- * Interchangeable spindles (4 choices): Spindle has MK5 taper to ensure precision and allow quick changeover.
- * Quick spindle speed change: The spindle is driven by a four-speed dynamically balanced pulley. Change of speed is quick and easily accomplished by simply loosening a lock lever, and shifting the belt to the required speed.
- * Reversible spindle rotation: The spindle is reversible to ensure safe rotation in clockwise or counter-clocking direction as well as providing the ability to climb cut glued panels.
- * Lifting spindle: The lifting spindle is moving up & down thanks to lifting hand wheel located in the side or on the front of the machine within easy reach.
- * Tilting spindle for BMT 735ST & BMT 735STS: The tilting spindle provides angle cutting from * 5°~0°~+45°.
- * Spindle tilting hand wheel is located at front within easy reach. A tilt scale is attached for accurate angle setting.
- * Spindle raising: The spindle is raised or lowered by a graduated precision hand wheel, providing 1 mm elevation per full revolution. Quick clamp lever positively holds spindle at a set height.
- * Sliding table: The sliding table is an integrated system providing maximum accuracy and effortless cutting effect. Tenoning attachment is included as a standard feature.
- * Table inserts: The spindle is fitted with 3 or 5 insert rings permitting use of a wide variety of shaper cutters.
- * Fence for BMT 735 series: Precision machined fence provides the accuracy demanded in complex shaping applications. The fences are supported by a massive cast iron body and integrated with a 5" dust outlet.
- * Extra-large table for BMT 2070S & BMT 2070SS: The increased table area provides solid support for big workpieces. The table is made from high quality, rib reinforced and temper heat treated cast-iron for wear resistance. Table surface is precision ground & polished.
- * Foot spindle brake: Treadle plate provides instant stop of the running spindle after shutting off the power.
- * Foot spindle lock: The spindle is foot treadle locked for convenient cutter and spindle change.



Extra Large Table for BMT 2070S/SS



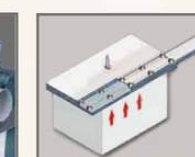
Foot Spindle Brake
Foot Spindle Lock



Angle Miter Gauge
Assembly for SMS,
STS, SS Series



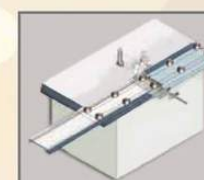
Fence



Exclusive Bearing
Support For
Sliding Table



Rigid
Precision
Spindle



Sliding Table



Tilting Spindle



Lifting Spindle



Table Insert



Quick Spindle
Speed Change

SPECIFICATIONS:

MODEL	BMT 735SM	BMT 735SMS	BMT 735ST	BMT 735STS	BMT 2070S	BMT 2070SS
Spindle Diameter	25.4, 30, 35, 40 mm					
Spindle Travel	180 mm				170 mm	
Spindle Capacity under Nut	101.6, 139.7, 139.7, 139.7 mm					
Spindle Taper	MK5					
Tilting Angle	-		-5° ~ 0° ~ +45°		-	
Distance Between Spindle	-				700 mm	
Table Size	930 x 1220 mm				1550 x 960 mm	
Table Height	900 mm				901 mm	
Sliding Table Size	-	330 x 1220 mm	-	330 x 1220 mm	-	1543 x 304.8 mm
Sliding Table Stroke	-	1170 mm	-	1170 mm	-	1400 mm
Table Insert Opening Diameter	100, 170 , 210, 260, 336 mm		210, 260, 336 mm		100, 170, 210, 260, 335 mm	
Fence Size	146 x 600 mm x 2				-	
Spindle Speed	4 Speeds, 3000 / 4500 / 7500 / 10000 rpm					
Motor	7.5 HP / 10 HP (Opt.)				7.5 HP x 2 / 10 HP (Opt.)	
Packing Dimension	1346 x 1066 x 1295 mm		1346 x 1320 x 1295 mm		1715 x 1346 x 1346 mm	
N.W. / G.W.	610 kgs / 680 kgs	680 kgs / 750 kgs	680 kgs / 760 kgs	720 kgs / 800 kgs	910 kgs / 1030 kgs	970 kgs / 1090 kgs

*Specifications are subject to change without prior notice.

SPINDLE SHAPER

**BMT 770SS / BMT 880SS
(SINGLE SPINDLE)**

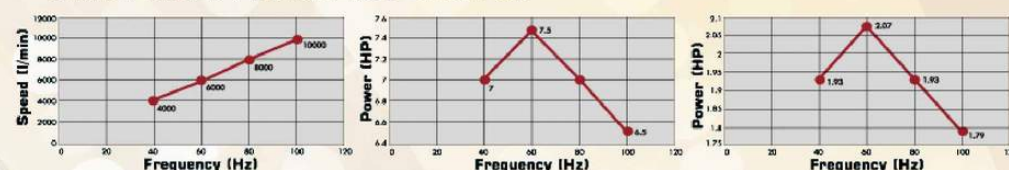
BMT 2080SD (DOUBLE SPINDLE)



HSK63F SPINDLE SPECIFICATIONS:

Tool Rest Face O.D.	Spindle Nose I.D.	Tool Drawing Force	Taper
63 mm	38.4 mm	11 kn	1:10

SPINDLE SPEED / FREQUENCY DIAGRAM:



FEATURES:

- * The spindle is supported by P4 class precision angular contact ball bearings with superior radial and axial loading capacity.
- * The high spindle speed effectively upgrades machining efficiency and workpiece surface finish.
- * The spindle accommodates a tool holder for shaper and router.
- * The massive table is manufactured from high quality cast iron (FC-25), rib reinforced for maximum rigidity and stability.
- * Table surface is precision ground and polished.
- * Big table area provides firm support for heavy workpieces.
- * Table is tempered for stress relief to ensure lifetime surface accuracy.
- * Tool holder clamping and releasing are actuated by an air cylinder. This provides quick tool change in only seven seconds.
- * HSK high speed spindle.
- * Tool holder knocking device.
- * Variable spindle speed controlled by frequency inverter.
- * Digital position control (optional)
- * 10 HP/15 HP (optional) spindle motor. Two spindle motors for BMT 2080SD.



Spindle Speed Meter



Variable Spindle Speed (Inverter)



Tool Holder Knocking Device



High performance Control Circuit & Heat Dissipation Fan



Digital Position Control (optional)



Reversible Spindle Rotation



Spindle Air Blast (cleans the spindle taper)



Centralized Control Panel & Swiveling Control Box



Shaper Cutter Holder (standard)



Router Bit Holder (optional) ER-32 Collet (accuracy 5μ)



Pneumatic Controlled Cutter Holder Lock / Unlock

STANDARD ACCESSORIES:

- * HSK63F spindle
- * 1" 1/4" shaper cutter holder
- * Cutter holder cleaning bar
- * 10HP spindle motor
- * 10HP frequency inverter
- * Tools & tool box

OPTIONAL ACCESSORIES:

- * 1-3/8", 1-1/2" shaper cutter holder
- * Router bit holder
- * ER32 collet
- * Digital position control
- * 15HP spindle motor
- * 15HP frequency inverter

SPECIFICATIONS:

MODEL	BMT 770SS	BMT 880SS	BMT 2080SD
Spindle Diameter	30, 35, 40 mm Interchangeable		
Spindle Travel	110 mm		
Spindle Capacity under Nut	101.6, 139.7, 139.7, 139.7 mm (25.4, 31.7, 35, 40 mm Spindle)		
Spindle Taper	HSK-63F		
Spindle Number	Single		Double
Table Size	1295 x 965 mm	1549 x 965 mm	1778 x 1016 mm
Table Height	900 mm		
Fence Size	610 x 146 mm		-
Spindle Speed	3000~12000 rpm		
Motor	10 HP / 15 HP (Opt.)		
Frequency Inverter	10 HP / 15 HP (Opt.)		
Packing Dimension	1490 x 1180 x 1860 mm	1730 x 1180 x 1860 mm	2300 x 1250 x 1860 mm
N.W. / G.W.	900 kgs / 1000 kgs	1000 kgs / 1100 kgs	1750 kgs / 1950 kgs

*Specifications are subject to change without prior notice.

PNEUMATIC OVERARM ROUTER

BMT 555POR



BMT 555PORE



FEATURES:

- * Enclosed type floor stand.
- * Pneumatically operated spindle feed
- * Ruggedly constructed spindle resistance for side thrust force.
- * A foot switch controls spindle downfeed.
- * 2 spindle speeds at 10000 rpm (Driven by a 3 phase motor only)
- * Precision ground table can be tilted 45° forward.
- * 6 position depth stop can be conveniently set.
- * Belt tension is conveniently made by simply shifting a handle.
- * With 3" dust hood (optional). Floor stand is also optional.
- * The cast iron table has a precision ground surface, and is heavily ribbed to prevent warping.
- * The table may be tilted 45° maximum, permitting for bevel routing.
- * Smooth Downfeed – A shock absorber is provided in the router head to prevent the router bit from bumping against the workpiece. 6 position depth stop provides repetitive depth control conveniently.

SPECIFICATIONS:

MODEL	BMT 555POR	BMT 555PORE
Chuck to Table Top	178 mm	
Throat Clearance	555 mm	
Table Size	610 x 457 mm	
Table Surface to Floor	90 mm	
Table Tilt	0~45°	
Spindle Travel	90 mm	
Head Travel	100 mm	
Air pressure	4 kg/cm	
Collect Sizes	6, 9, 12 mm	
Guide Pins	6, 9, 12 mm	
Dust Hood Outlet	76 mm	
Spindle Speed	2 Speeds, 10000 / 20000 rpm	
Motor	3 HP / 5 HP (Opt.)	
Machine Dimension	610 x 1035 x 1829 mm (W/ Stand) 610 x 1035 x 1168 mm (W/O Stand)	
N.W. / G.W.	300 kgs / 350 kgs	

*Specifications are subject to change without prior notice.



Smooth Downfeed



Tilting Table

PNEUMATIC ROUTER

BMT 750PR



BMT 750PRV



FEATURES:

- * Precision Router Head – The spindle runs on super precision class GWP 4 ball bearings, making this machine excellent for heavy duty routing.
- * 3 position depth stop is conveniently adjusted by turning a knob.
- * A shock absorber is provided in router head to prevent router bit from bumping against workpiece.
- * The router spindle is precision manufactured from Chrome Molybdenum alloy steel for rigidity and long servicelife, and dynamically balanced for smooth running at high speeds.
- * Travel speed adjustment is made from the controller on the air cylinder. The spindle downfeed is driven by an air cylinder and operated with a foot switch.
- * Designed and built to withstand maximum side thrust under heavy cutting loads without deflection.
- * The spindle assembly is fitted with grease nipples for spindle bearing lubrication.
- * The massive table is scientifically ribbed, precision ground and is perfectly square to the spindle.
- * Heavy trunnions permit 45 degree maximum tilt. The table surface is slotted for holding the guide fence accurately.
- * A top quality drive belt assure long service life. Belt tension is made with a handwheel through a rock and gear mechanism giving positive belt tension and correct belt tracking.

SPECIFICATIONS:

MODEL	BMT 750PR	BMT 750PRV
Chuck to Table Top	280 mm	
Throat Clearance	750 mm	
Spindle Stops	95 mm	
Depth Stops	3 Position Turret Stops, Adjustable	
Table Size	915 x 1016 mm	
Table Tilt	Front Downward to 45°	
Table Travel	190 mm	
Micrometric Table Raise	1 mm per Revolution of Hand Wheel	
Collet Sizes	6, 9, 12, 16 mm	
Belt Size	35 x 2330 mm	
Motor	7-1/2 HP / 10 HP (Opt.)	
Spindle Speed	2 Speeds, 10000 / 20000 rpm	Variable Speeds, 5000~22000 rpm
Packing Dimension	1676 x 1117 x 1828 mm	
N.W. / G.W.	800 kgs / 950 kgs	

*Specifications are subject to change without prior notice.

STANDARD ACCESSORIES:

- * Collet – double taper type, 1/4", 3/8", 1/2", 5/8" (4pcs) or 6, 9, 12, 16mm in metric.
- * Guide pins – 1/4", 3/8", 1/2", (3pcs) or 6, 9, 12mm in metric.
- * 7.5HP motor with magnetic switch
- * Dust cleaning gun
- * Brush ring
- * Fence
- * Dust hood with 3" diameter outlet
- * Tools & tool box



Precision Spindle



Precision Router Head

CNC ENGRAVING & MILLING MACHINE

BMT M3 (3 Axis)



BMT M4 (4 Axis)



< Rotary table multi-axis combinations



BMT M5 (5 Axis)



< Rotary table multi-axis combinations with swivel spindle



BMT M12 (12 Axis)

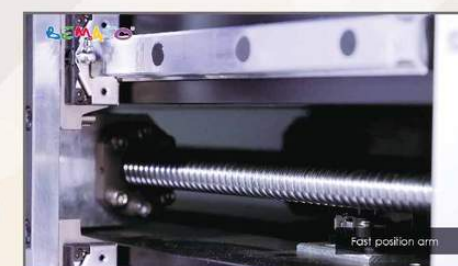


< 12 Axis controller
< Two double columns
< Two spindles for vertical or horizontal machining



FEATURES:

- * Wide range of machining & cutting.
- * Easy to learn & easy to operate.
- * Easy maintenance.
- * Competitive price.
- * IP camera for 24hrs monitoring on PC or mobile devices.
- * Remote control by TeamViewer software on PC or mobile devices.



Linear Guide & Ballscrew



Limit Switch



IP Camera



Remote Control via TeamViewer

SPECIFICATIONS:

MODEL	BMT M3	BMT M4	BMT M5	BMT M12
Working Area	1030 x 530 mm			
X Axis Travel	700 mm		500 mm	600 mm
Y Axis Travel	380 mm			
Z Axis Travel	160 mm			
4th Axis	-	360°, 65 mm		
5th Axis	-		225°	
Spindle Motor	1 HP			
Spindle Speed	4800~24000 rpm			
Drilling Capacity	1~7 mm			
Tolerance	0.015 mm			
Net Weight	270 kgs	275 kgs	283 kgs	298 kgs
Machine Dimension	1350 x 850 x 1780 mm			

*Specifications are subject to change without prior notice.



APPLICATIONS:

- * Business users
 - * 3D model industry
 - * Automation equipment
 - * Die casting
 - * Hard disk, smart phone
 - * Car & motorcycle
- * Table PC
 - * Wood carving
 - * Jewelry engraving
 - * PCB board carving
 - * Drilling R&D units

WORKPIECE MATERIALS:

- * Aluminum alloy
 - * Copper alloy
 - * Engineering plastic
 - * Epoxy tooling board
 - * Acrylic
 - * Wood
 - * Graphite
- * Shoe mold
 - * Wax sculpting
 - * Die casting
 - * ABS
 - * PC
 - * PE
 - * PU

VOCATIONAL ACPLLIATION:



SCHOOL TRAINING PROJECT:

- * Perfect for technical and vocational school training! Unlike the CNC machines in industry that are generally more costly, larger in size, and faster, our machine is less dangerous and easier to use for new operator.
- * With a lower cost, compact and moveable CNC engraving and milling machine, the ratio of students versus machine has increased significantly where students can now have more practical experience on this machine.
- * Besides that, due to the safety standard and design of this CNC engraving and milling machine, students that are using this machine do not need to worry about serious damages caused by careless mistake.
- * Lastly, with a user friendly interface, it is easier for new operator or student to grasp the basic concept of using a CNC machine
- * Therefore, by using our CNC engraving & milling machine, students can have longer practicing time, faster and more satisfying learning experience of CNC machines under high safety surroundings with low cost and maintenance.

PORTABLE DUST COLLECTOR

BMT 50CTGP

BMT 50CTP

BMT 50CTGT

SPECIFICATIONS:

MODEL	BMT 50CTP	BMT 50CTGP	BMT 50CTGT
Motor	3/4 HP		
Air Suction Capacity	750 CFM		
Static Pressure	157 mmH ₂ O		
Inlet Diameter	102 mm		
Bag Capacity	68 L		
Hose Length	350 mm	102 x 1800 mm	
Dust Hood Size	-	254 x 114 mm	
Overall Dimension (LxWxH)	1100 x 400 x 500 mm	1000 x 400 x 880 mm	
Packing Dimension (LxWxH)	472 x 402 x 464 mm	580 x 400 x 470 mm	
N.W. / G.W. / Cuft	20 kgs / 22 kgs / 3.2'	22 kgs / 23 kgs / 3.8'	
Sets in 20FT Container	328 sets	285 sets	

*Specifications are subject to change without prior notice.

PORTABLE DUST COLLECTOR

BMT 50CTR

Wall Mounted Collector
with Mount Bracket



BMT 88CT



BMT 50CTH

With Big Mouse Dust Hood

SPECIFICATIONS:

MODEL	BNT 50CTR	BMT 50CTH	BMT 88CT
Motor	1 HP		
Amps	12A / 6A		
Speed	3450 rpm		6800 rpm
Air Suction Capacity	496 CFM by Grizzly Test Method		914 CFM
Static Pressure	113 mmAg @ inlet blocked		274 mmAg @ inlet blocked
Dust Port	102 mm		
N.W. / G.W. / Cuft	20 kgs / 22 kgs / 3.2'	22 kgs / 24 kgs / 4'	8 kgs / 9 kgs / 2'

*Specifications are subject to change without prior notice.

FULL CLOSED TYPE DUST COLLECTOR

BMT 20CTCK



SPECIFICATIONS:

MODEL	BMT 20CTCK
Motor	2 HP
Air Suction Capacity (w/ Filter)	1338 CFM
Static Pressure @ 3" Pipe	236 mmH ₂ O
Inlet Diameter	152 x 100 mm x 2
Dust Drum Capacity	157 L
Filter Type	Canister Type Polyester Filter
Sound Rate (Noise) @ 3M	78~80 dB
Overall Dimension (LxWxH)	1400 x 630 x 1880 mm
Packing Dimension (LxWxH)	1200 x 720 x 1200 mm
N.W. / G.W. / Cuft	117 kgs / 143 kgs / 36.5'
Sets in 20FT / 40FT Container	28 sets / 60 sets

*Specifications are subject to change without prior notice.

FEATURES:

- * This machine is designed to handle the full range of chippings and dusts created in the small industrial workshop or school environment.
- * The waste is fully contained within the machine and so prevents any leakage or pollution into the workpiece.
- * A manometer on the machine allows monitoring of the air flow and thus filter performance, cleaning of the filter is easily achieved by using the built in filter agitator lever.
- * Waste material is collected into a plastic waste sack which is easily removed for disposal.
- * A set of castors allow the extractor to be easily moved around the workshop.

FULL CLOSED TYPE DUST COLLECTOR

BMT 502CT



SPECIFICATIONS:

MODEL	BMT 502CT
Motor	2 HP
Motor Speed	1200 CFM
Air Suction Capacity	203 mmH ₂ O
Static Pressure	152 x 100 mm x 2
Inlet Diameter	151.4 L
Filter Bag	350 x 800 mm
Machine Dimension	1000 x 1200 x 660 mm
Packing Dimension (LxWxH)	1075 x 610 x 515 mm
N.W. / G.W. / Cuft	80 kgs / 82 kgs / 12'

*Specifications are subject to change without prior notice.

FEATURES:

- * This machine is designed to handle the full range of chippings and dusts created in the small industrial workshop or school environment.
- * The waste is fully contained within the machine and so prevents any leakage or pollution into the workpiece.
- * A manometer on the machine allows monitoring of the air flow and thus filter performance, cleaning of the filter is easily achieved by using the built in filter agitator lever.
- * Waste material is collected into a plastic waste sack which is easily removed for disposal.
- * A set of castors allow the extractor to be easily moved around the workshop.

CANISTER DUST COLLECTOR

BMT 65CTCK



BMT 70CTCK



BMT 90CTCK



FEATURES:

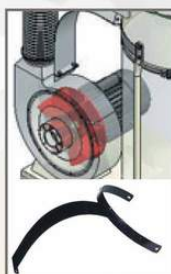
- * With the canister filter, the operator just need simple to turn the handle 120 degree for cleaning the dust.
- * The handle can rotate a cleaning flapper inside and shake the dust from the filter, and the fine dust will fall directly into the collection bag.
- * The pleated filter contain more than 5 times the filtering surface area comparing with standard bags.
- * The filter material in cartridge filter is made of spun-bond polyester, capable of filtering dust particles down to 1 micron.

SPECIFICATIONS:

MODEL	BMT 65CTCK	BMT 70CTCK	BMT 90CTCK
Motor	3/4 HP		1 HP
Air Suction Capacity w/ Canister	790 CFM		800 CFM
Static Pressure	137 mmH ₂ O		
Inlet Diameter	102 mm		
Canister Filter Diameter	370 mm		
Canister Filter Height	600 mm		
Sound Rating (Noise)	55~65 dB		
Overall Dimension (LxWxH)	720 x 380 x 1460 mm	660 x 380 x 1470 mm	800 x 420 x 1650 mm
Machine Packing Dimension (LxWxH)	725 x 410 x 435 mm	675 x 410 x 455 mm	
Canister Packing Dimension (LxWxH)	440 x 440 x 720 mm		
Machine N.W./ G.W. / Cuft	24 kgs / 27 kgs / 4.5'	22 kgs / 25 kgs / 4.4'	25 kgs / 28 kgs / 5.1'
Canister N.W. / G.W. / Cuft	7 kgs / 9 kgs / 4.8'		
Sets in 20FT Container	107 sets		103 sets

*Specifications are subject to change without prior notice.

CANISTER DUST COLLECTOR



Optional Accessory Kit
Model: FS-790

BMT 105CTCK



BMT 101CTCK



BMT 103CTCK



SPECIFICATIONS:

MODEL	BMT 105CTCK	BMT 101CTCK	BMT 103CTCK
Motor	1.5 HP	2 HP	
Air Suction Capacity w/ Canister	1250 CFM	1500 CFM	
Static Pressure	190 mmH ₂ O	250 mmH ₂ O	260 mmH ₂ O
Inlet Diameter	127 x 102 mm x 2		
Canister Filter Diameter	500 mm		
Canister Filter Height	600 mm		
Sound Rating (Noise)	55~65 dB	75~85 dB	55~65 dB
Overall Dimension (LxWxH)	1000 x 800 x 1900 mm		
Machine Packing Dimension (LxWxH)	920 x 580 x 580 mm		
Canister Packing Dimension (LxWxH)	560 x 560 x 720 mm		
Machine N.W./ G.W. / Cuft	45 kgs / 48 kgs / 10'	54 kgs / 57 kgs / 10'	55 kgs / 58 kgs / 10'
Canister N.W. / G.W. / Cuft	9 kgs / 13 kgs / 7.8'		
Sets in 20FT Container	54 sets		

*Specifications are subject to change without prior notice.

BMT 201CTCK / BMT 213CTCK



Optional Accessory Kit
Model: FS-790



FEATURES:

- * With the canister filter, the operator just need simple to turn the handle 120 degree for cleaning the dust.
- * The handle can rotate a cleaning flapper inside and shake the dust from the filter, and the fine dust will fall directly into the collection bag.
- * The pleated filter contain more than 5 times the filtering surface area comparing with standard bags.
- * The filter material in carriage filter is made of spun-bond polyester, capable of filtering dust particles down to 1 micron.

SPECIFICATIONS:

MODEL	BMT 201CTCK	BMT 213CTCK
Motor	3 HP	
Air Suction Capacity w/ Canister	2300 CFM	2800 CFM
Static Pressure	304 mmH ₂ O	
Inlet Diameter	152 x 102 mm x 3	203 x 102 mm x 4
Canister Filter Diameter	500 mm	
Canister Filter Height	600 mm	
Sound Rating (Noise)	75~85 dB	
Overall Dimension (LxWxH)	1550 x 550 x 1900 mm	
Machine Packing Dimension (LxWxH)	1320 x 580 x 580 mm	
Canister Packing Dimension (LxWxH)	560 x 560 x 720 mm x 2	
Machine N.W./ G.W. / Cuft	68 kgs / 75 kgs / 15.5'	
Canister N.W. / G.W. / Cuft	9 kgs / 13 kgs / 7.8' x 2	

*Specifications are subject to change without prior notice.

CANISTER DUST COLLECTOR

BMT 701CTCK



BMT 702CTCK



FEATURES:

- * With the canister filter, the operator just need simple to turn the handle 120 degree for cleaning the dust.
- * The handle can rotate a cleaning flapper inside and shake the dust from the filter, and the fine dust will fall directly into the collection bag.
- * The filter material in carriage filter is made of spun-bond polyester, capable of filtering dust particles down to 1 micron.

SPECIFICATIONS:

MODEL	BMT 701CTCK	BMT 702CTCK
Motor	3/4 HP	2 HP
Air Suction Capacity	750 CFM	1600 CFM
Static Pressure	165 mmH ₂ O	330 mmH ₂ O
Inlet Diameter	102 mm	152 mm
Bag Capacity	102 L	159 L
Overall Dimension (L x H x W)	730 x 390 x 670 mm	1060 x 525 x 1830 mm
Machine Packing Dimension (L x W x H)	725 x 440 x 470 mm	995 x 570 x 550 mm
Canister Packing Dimension (L x W x H)	440 x 440 x 720 mm	560 x 560 x 720 mm
Machine N.W. / G.W. / Cuft	25 kgs / 28 kgs / 5.3'	50 kgs / 53 kgs / 11'
Canister N.W. / G.W. / Cuft	7 kgs / 9 kgs / 5'	9 kgs / 13 kgs / 7.9'
Sets in 20FT Container	95 sets	47 sets

*Specifications are subject to change without prior notice.

BMT 203CTCK



BMT 203CTFCK



BMT 204CTCK



FEATURES:

- * With the canister filter, the operator just need simple to turn the handle 120 degree for cleaning the dust.
- * The handle can rotate a cleaning flapper inside and shake the dust from the filter, and the fine dust will fall directly into the collection bag.
- * The pleated filter contain more than 5 times the filtering surface area comparing with standard bags.
- * The filter material in carriage filter is made of spun-bond polyester, capable of filtering dust particles down to 1 micron.

SPECIFICATIONS:

MODEL	BMT 203CTCK		BMT 203CTFCK	BMT 204CTCK
Motor	5 HP			
Air Suction Capacity w/ Canister	3750 CFM			3800 CFM
Static Pressure	302 mmH ₂ O		304 mmH ₂ O	
Inlet Diameter	229 x 102 mm x 4			
Canister Filter Diameter	600 mm			
Canister Filter Height	1000 mm			
Sound Rating (Noise)	85~95 dB			
Overall Dimension (LxWxH)	2200 x 660 x 2620 mm	1250 x 1400 x 2670 mm		3000 x 690 x 3160 mm
Machine Packing Dimension (LxWxH)	730 x 670 x 1060 mm	1380 x 770 x 775 mm		1230 x 710 x 990 mm
Canister Packing Dimension (LxWxH)	660 x 660 x 1120 mm x 2			660 x 660 x 1120 mm x 4
Machine N.W./ G.W. / Cuft	122 kgs / 172 kgs / 18'	134 kgs / 191 kgs / 29'		163 kgs / 223 kgs / 30'
Canister N.W. / G.W. / Cuft	16 kgs / 21 kgs / 17' x 2			16 kgs / 21 kgs / 17' x 4

*Specifications are subject to change without prior notice.

CANISTER DUST COLLECTOR

BMT 401CTCK / BMT 402CTCK



FEATURES:

- * With the canister filter, the operator just need simple to turn the handle 120 degree for cleaning the dust.
- * The handle can rotate a cleaning flapper inside and shake the dust from the filter, and the fine dust will fall directly into the collection bag.
- * The filter material in cartridge filter is made of spun-bond polyester, capable of filtering dust particles down to 1 micron.

SPECIFICATIONS:

MODEL	BMT 401CTCK	BMT 402CTCK
Motor	7.5 HP	10 HP
Air Suction Capacity w/ Canister	4750 CFM	5500 CFM
Static Pressure	342 mmH ₂ O	380 mmH ₂ O
Inlet Diameter	229 x 102 mm x 5	
Canister Filter Diameter	600 mm	
Canister Filter Height	1000 mm	
Sound Rating (Noise)	85~95 db	
Overall Dimension (L x W x H)	1700 x 1700 x 2530 mm	
Machine Packing Dimension (L x W x H)	1340 x 1190 x 725 mm	
Canister Packing Dimension (L x W x H)	660 x 660 x 1120 mm x 4	
Machine N.W. / G.W. / Cuft	187 kgs / 230 kgs / 41'	
Canister N.W. / G.W. / Cuft	16 kgs / 21 kgs / 17' x 4	

*Specifications are subject to change without prior notice.

DUST COLLECTOR

BMT 65CT



BMT 70CT



BMT 90CTC / BMT 90CTD



FEATURES:

- * 30 micron filter bag is supplied as standard.
- * 1-micron filter bag for optional accessories.
- * The plastic bag can be used for bottom collecting bag in order to replace cloth bag.

SPECIFICATIONS:

MODEL	BMT 65CT	BMT 70CT	BMT 90CTC	BMT 90CTD
Motor	3/4 HP		1 HP	
Air Suction Capacity w/o Bag	750 CFM		850 CFM	
Static Pressure	152 mmH ₂ O			
Inlet Diameter	102 mm			
Bag Diameter	374 mm			
Bag Capacity	90 L			
Sound Rating (Noise)	55~65 dB		60~70 dB	
Overall Dimension (LxWxH)	720 x 380 x 1370 mm	660 x 380 x 1380 mm	800 x 420 x 1550 mm	
Packing Dimension (LxWxH)	725 x 410 x 435 mm	675 x 410 x 455 mm	666 x 470 x 466 mm	
N.W./ G.W. / Cuft	24 kgs / 27 kgs / 4.5'	22 kgs / 25 kgs / 4.4'	25 kgs / 28 kgs / 5.1'	26 kgs / 29 kgs / 5.1'
Sets in 20FT Container	220 sets			

*Specifications are subject to change without prior notice.

DUST COLLECTOR

BMT 105CTA



BMT 101CT



BMT 103CT



FEATURES:

- * 30 micron filter bag is supplied as standard.
- * 1-micron filter bag for optional accessories.
- * The plastic bag can be used for bottom collecting bag in order to replace cloth bag.

SPECIFICATIONS:

MODEL	BMT 105CTA	BMT 101CT	BMT 103CT
Motor	1.5 HP	2 HP	
Air Suction Capacity w/o Bag	1250 CFM	1500 CFM	
Static Pressure	304 mmH ₂ O		
Inlet Diameter	127 x 102 mm x 2		
Bag Diameter	500 mm		
Bag Capacity	191 L		
Sound Rating (Noise)	75~85 dB		
Overall Dimension (LxWxH)	1000 x 800 x 2000 mm		
Packing Dimension (LxWxH)	920 x 580 x 580 mm		
N.W./ G.W. / Cuft	45 kgs / 48 kgs / 10'	54 kgs / 57 kgs / 10'	55 kgs / 58 kgs / 10'
Sets in 20FT Container	96 sets		

*Specifications are subject to change without prior notice.

BMT 201CT



BMT 202CTDS



BMT 402CTHS



FEATURES:

- * 30 micron filter bag is supplied as standard.
- * 1-micron filter bag for optional accessories.
- * The plastic bag can be used for bottom collecting bag in order to replace cloth bag.

SPECIFICATIONS:

MODEL	BMT 201CT	BMT 202CTDS	BMT 402CTHS
Motor	3 HP	5 HP	10 HP
Air Suction Capacity w/o Bag	2300 CFM	3961 CFM by Grizzly Test Method	5360 CFM by Grizzly Test Method
Static Pressure	292 mmH ₂ O	370.8 mmH ₂ O	454.7 mmH ₂ O
Inlet Diameter	152 x 102 mm x 3	102 mm x 4	102 mm x 5
Bag Diameter	500 mm	600 mm	
Bag Capacity	314 L	24 Cuft	48 Cuft
Sound Rating (Noise)	75~85 dB	90 dB	92 dB
Overall Dimension (LxWxH)	1550 x 550 x 2000 mm	740 x 700 x 1060 mm	1550 x 1550 x 3403 mm
Packing Dimension (LxWxH)	1320 x 580 x 580 mm	1066 x 736 x 762 mm	1346 x 1168 x 787 mm
N.W./ G.W. / Cuft	68 kgs / 75 kgs / 15.5'	148 kgs / 168 kgs / 24'	185 kgs / 218 kgs / 43'
Sets in 20FT Container	69 sets	45 sets	24 sets

*Specifications are subject to change without prior notice.

PORTABLE CANISTER CYCLONE

BMT 2000CTS



BMT 2000CTH



OPTIONAL ACCESSORIES:

- * Plastic bag holding system makes PE bag well fit in steel drum
- * Remote control
- * Drum lid open system for easy open the drum lid and pull out the steel drum
- * Auto canister filter cleaning system for BMT 2000CTK
- * Auto flapping filter cleaning system keeps suction power not falling (150HA) for BMT 2000CTH



Auto Flapping Filter

FEATURES:

- * Ultra high efficiency cyclonic separation: 99.91% separate dust & air before the filter – eliminates canister filter clogging.
- * Patented manual canister filter cleaning system.
- * 0.2 micron pleated canister filter.
- * At just 5.4 feet tall, it is small enough to fit in the garage and basement.
- * Steel drum with caster for easy dust disposal.

SPECIFICATIONS:

MODEL	BMT 2000CTS	BMT 2000CTH
Motor	1 HP	1.5 HP
Amps	14A / 7A	18A / 9A
Air Suction Capacity	763 CFM w/ 1 micron Canister Filter 778 CFM w/ HEPA Canister Filter	883 CFM by Grizzly Test Method
Static Pressure	253 mmH ₂ O	243 mmH ₂ O
Inlet Diameter	152 x 102 mm x 2	152 mm
Filter Surface Area	3.8 M ²	
Steel Drum Capacity	91 L	113.5 L
Sound Rating (Noise)	80 dB @ 10feet	
Overall Dimension (LxWxH)	1300 x 1100 x 1560 mm	1000 x 530 x 1720 mm
Packing Dimension (LxWxH) / Cuft (2 Boxes)	510 x 510 x 800 mm / 7.3' 440 x 440 x 400 mm / 2.7'	1005 x 510 x 450 mm / 8.1' 440 x 440 x 720 mm / 4.9'

*Specifications are subject to change without prior notice.

BMT 3000CTK1



FEATURES:

- * Ultra high efficiency cyclonic separation: 99.91% separate dust & air before the filter – eliminates canister filter clogging.
- * Patented manual canister filter cleaning system.
- * 0.2~2 micron pleated canister filter.
- * At just 6.5 feet tall, it is small enough to fit in the garage.
- * Steel drum with caster for easy dust disposal.

BMT 3000CTK2



OPTIONAL ACCESSORIES:

- * Plastic bag holding system makes PE bag well fit in steel drum
- * Remote control
- * Drum lid open system for easy open the drum lid and pull out the steel drum
- * Auto canister filter cleaning system
- * HEPA filter 0.3 micron

SPECIFICATIONS:

MODEL	BMT 3000CTK1	BMT 3000CTK2
Motor	3 HP	
Amps	18A	
Air Suction Capacity	1756 CFM	
Static Pressure	286 mmH ₂ O	
Inlet Diameter	203 mm	
Filter Surface Area	6.3 M ²	12.6 M ²
Steel Drum Capacity	189 L	
Sound Rating (Noise)	85 dB @ 10feet	
Overall Dimension (LxWxH)	1760 x 830 x 1990 mm	1760 x 835 x 1990 mm
Packing Dimension (LxWxH) / Cuft (2 Boxes)	780 x 650 x 1200 mm / 21.5' 410 x 410 x 905 mm / 5.4'	

*Specifications are subject to change without prior notice.

TWO STAGE DUST CYCLONE

BMT 23CTDC / BMT 25CTDC



BMT 25CTDC2



BMT 27CTDC2 /
BMT 210CTDC



FEATURES:

- * Excellent for separate heavy particles from the fine particles before the impeller and drops them into your steel or plastic 55-gallon drum.
- * With the cyclone effect fitting onto a standard garbage can, there is no longer a need to dump chips and dust from the collection bag to a disposable bag.
- * A drum dolly is included for easy mobility. 55-gallon drum is not included.
- * Simply set the drum can on the curb with the lid to be emptied.
- * The fine particles are trapped by the filter bag and fall into the disposable plastic bag for easy clean up.



Optional Accessory Kit
Model: FS-580

SPECIFICATIONS:

MODEL	BMT 23CTDC	BMT 25CTDC	BMT 25CTDC2	BMT 27CTDC2	BMT 210CTDC
Motor	3 HP	5 HP		7.5 HP	10 HP
Air Suction Capacity w/o Bag	2000 CFM	2500 CFM		4200 CFM	5000 CFM
Static Pressure	304 mmH ₂ O	355.6 mmH ₂ O		419.1 mmH ₂ O	444.5 mmH ₂ O
Inlet Diameter	203 x 102 mm x 3	254 x 102 mm x 4		305 x 102 mm x 5	330 x 102 mm x 5
Filter Area	3.7 m ²	5.18 m ²		10.36 m ²	
Bag Diameter	500 mm		600 mm		-
Number of Drum Needed		1		2	-
Sound Rating (Noise)			75~85 dB		
Overall Dimension (LxWxH)	1650 x 900 x 3080 mm	1800 x 1250 x 3425 mm		2800 x 1800 x 3540 mm	2800 x 2500 x 4110 mm
Packing Dimension (LxWxH)	1090 x 660 x 1040 mm	1350 x 1240 x 880 mm		1610 x 1310 x 1090 mm	1380 x 1095 x 2040 mm
N.W./ G.W. / Cuft	93 kgs / 115 kgs / 26'	134 kgs / 184 kgs / 52'	136 kgs / 186 kgs / 52'	225 kgs / 325 kgs / 81'	206 kgs / 343 kgs / 109'

*Specifications are subject to change without prior notice.

INDUSTRIAL DUST CYCLONE

BMT 3010CT



BMT 3020CT



SPECIFICATIONS:

MODEL	BMT 3010CT	BMT 3020CT
Motor	10 HP	20 HP
Amp	20.5 A	40 A
Air Suction Capacity	5750 CFM	8100 CFM
Static Pressure @ 305mm Inlet	85 mmH ₂ O	90.7 mmH ₂ O
Inlet Diameter	305 mm	356 mm
Overall Dimension (LxWxH)	2800 x 945 x 4805 mm	3800 x 1130 x 4920 mm
Packing Dimension (LxWxH) - Main Housing	970 x 835 x 1780 mm	1190 x 1150 x 1880 mm
Packing Dimension (LxWxH) - Collector	2140 x 720 x 910 mm	2780 x 820 x 960 mm
Packing Dimension (LxWxH) - Support	3120 x 120 x 90 mm	3170 x 120 x 90 mm
N.W./ G.W. / Cuft - Main Housing	276 kgs / 339 kgs / 51'	409 kgs / 502 kgs / 91'
N.W./ G.W. / Cuft - Collector	158 kgs / 218 kgs / 49.6'	219 kgs / 300 kgs / 77.3'
N.W./ G.W. / Cuft - Support	40 kgs / 42 kgs / 1.2'	
Sets in 20FT Container	9 sets	5 sets

*Specifications are subject to change without prior notice.

OPTIONAL ACCESSORIES FOR DUST COLLECTOR

SWITCHES



RC-160
Magnetic Switch
(Only for 2~3HP
Dust collector,
220V, 1P/3P)



RC-161
**Safety Switch with
Extension Plug**
(Only for 2~3HP
Dust collector, 110V, 1P)



RC-170
Multiple Remote Control
(On-off function
with timer set up)



RC-171
Simple Remote Control
(Only on-off function)

REMOTE CONTROL SYSTEM

DUST COLLECTION ATTACHMENT

FLOOR SWEEP TYPE W/ DUST HOOD



DA-01

INLET DUST HOOD W/ STAND



CT-41H
(With swivel bracket &
plastic dust hood)

INLET DUST HOOD W/ STAND



CT-41P
(With swivel bracket &
plastic dust hood)

CT-41A

(With swivel bracket &
aluminum dust hood)



HEAVY DUTY DUST PICKER



DP-1



Disc Sander



Bandsaw



Scroll

SPECIFICATIONS:

MODEL	DP-1
Dust Hood Size	245 x 100 mm
Fitting Pipe	100 mm
Length Adjustment	1250~1580 mm
Height Adjustment	710~1100 mm
Swivel Degree	360°
Packing Size	745 x 290 x 150 mm
N.W. / G.W. / Cuft	4 kgs / 5 kgs / 1.1'

*Specifications are subject to change without prior notice.

SPECIFICATIONS:

MODEL	CT-41H	CT-41P	CT-41A
Dust Hood Size	419 x 330 mm	254 x 114 mm	245 x 100 mm
Fitting Pipe	100 mm		
Height Adjustment	660~1220 mm		
Swivel Degree	360°		
Packing Size	460 x 460 x 290 mm	450 x 450 x 150 mm	
N.W. / G.W. / Cuft	8.5 kgs / 9.5 kgs / 2'	8.3 kgs / 9.3 kgs / 1'	9 kgs / 10 kgs / 1'

*Specifications are subject to change without prior notice.



MEMO

Lined area for writing the memo.