



Semi Automatic
Billet Saw →

ISO9001 CE

marvel[®]

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BILLET TYPE

Semi Automatic

PB-2022 / PB-2228



PB-2022

STANDARD FEATURES:

1. Blade breakage/motion detector.
2. Power driven wire brush.
3. Saw frame height selector gauge.
4. Cut line light.
5. Hydraulically clamped carbide blade guide system.
6. Hydraulic work lift roller with manual ratchet feed.
7. Split vise jaws.
8. Infeed and outfeed dead roller conveyors.
9. Additional roller table 1M long.
10. One bi-metal saw blade.
11. One set of tools.

OPTIONAL EQUIPMENT:

1. Automatic chip conveyor.
2. Variable vise pressure.

PB-2228

STANDARD FEATURES:

1. Blade breakage/motion detector.
2. Power driven wire brush.
3. Saw frame height selector gauge.
4. Work light.
5. Hydraulically clamped carbide blade guide system.
6. Hydraulic shuttle vise for material positioning.
7. Out feed auxiliary table.
8. Roller table 2M long.
9. One bi-metal saw blade.
10. One set of tools.

OPTIONAL EQUIPMENT:

1. Automatic chip conveyor.
2. Variable vise pressure.
3. Out of square detector.

Model	
Capacity	● ■
Blade Speed	
Motor	Blade Drive Hyd. Pump Coolant Pump
Blade Size	
Blade Tension	
Index Length	
Machine Weight	
Floor Space (L x W)	

* All specifications, dimensions and design of
* Guarding may have been removed for dem

Billet Saw

PB-3032



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PB-3032

STANDARD FEATURES:

1. Blade breakage/motion detector.
2. Power driven wire brush.
3. Saw frame height selector gauge.
4. Cut line light.
5. Hydraulically damped carbide blade guide system.
6. Two sets of full stroke vise jaws - one on each side of the blade.
7. Material positioning via a hydraulic vise. *
8. Material positioning via a movable table. *
9. Powered movable guide arm with hydraulic lock.
10. Anti-vibration roller.
11. Automatic chip conveyor.
12. One bi-metal saw blade.
13. One set of tools.

* Must specify at time of purchase.

OPTIONAL EQUIPMENT:

1. Out of square detector.
2. Dead roller table, 2M long.
3. Power roller table, 2M long.

PB-2022	PB-2228	PB-3032
20" (500 mm)	20" (560 mm)	30" (760 mm)
22" W x 20" H (550 x 500 mm)	28" W x 22" H (700 x 560 mm) min. clamp with 3" (75 mm)	32.3" W x 30" H (820 x 760 mm) min. clamp width 11.2" (285 mm)
55, 80, 115, 150, 180, 215, 250 fpm (17, 25, 35, 45, 65, 75 m/min)	65 to 264 fpm (20 to 80 m/min.) [INVERTER]	50 to 250 fpm (15 to 75 m/min.) [INVERTER]
7.5HP (5.5 kw)	10HP (7.5 kw)	10HP (7.5 kw)
2HP (1.5 kw)	3HP (2.2 kw)	3HP (2.2 kw)
1/4HP (0.2 kw)	1/4HP (0.2 kw)	1/4HP (0.2 kw)
192"x1.6"x0.05" (4880x41x1.3 mm)	267"x2.1"x0.063" (6800x54x1.6 mm)	315"x2"x0.063" (8000x54x1.6 mm)
Hydraulic	Hydraulic	Hydraulic
	11.8" (300 mm)	20" (500 mm)(V) ; 15.7" (400 mm)(T)
4620 lb (2100 kg)	9240 lb (4200 kg)	15400 lb (7000 kg)
98.4" x 74.8" (2550 x 1900 mm)	145.6" x 86.6" (3700 x 2200 mm)	161.4" x 86.6" (4100 x 2200 mm)

all characteristics shown in this catalogue are subject to change without prior notice.
demonstration purposes.

BILLET TYPE

Semi Automatic

PB-4043



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PB-4043

STANDARD FEATURES:

1. Blade breakage/motion detector.
2. Independent driven blade cleaning brush.
3. Saw frame height selector gauge.
4. Cut line light.
5. Hydraulically clamped carbide blade guide system.
6. Material positioning via a hydraulic vise. ★
7. Material positioning via a movable table. ★
8. Powered movable guide arm with hydraulic lock.
9. Anti-vibration roller.
10. Two sets of full stroke vise jaws - one on each side of the blade.
11. Automatic chip conveyor.
12. One bi-metal saw blade.
13. One set of tools.
14. Out of square detector.

★ Must specify at time of purchase.

OPTIONAL EQUIPMENT:

1. Dead roller table, 3M long.
2. Power roller table, 3M long.

Model	PB-4043	
Capacity	●	40" (1000 mm)
	■	43.3" W x 40" H (1100 x 1000 mm) min. clamp width 15.7" (400 mm)
Blade Speed		50 to 250 fpm (15 to 75 m/min.) INVERTER
Motor	Blade Drive	15HP (11.5 kw)
	Hyd. Pump	5HP (3.7 kw)
	Coolant Pump	1/4HP (0.2 kw)
Blade Size		437"x8"x0.063" (11100x80x1.6 mm)
Blade Tension		Hydraulic
Index Length		20" (500 mm)
Machine Weight		30800 lb (14000 kg)
Floor Space (L x W)		199.6" x 104.3" (5070 x 2650 mm)

★ All specifications, dimensions and design characteristics shown in this catalogue are for demonstration purposes.



Billet Saw

PB-5252 / PB-5263



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PB-5252 / PB-5263

STANDARD FEATURES:

1. Blade breakage/motion detector.
2. Power driven wire brush.
3. Saw frame height selector gauge.
4. Cut line light.
5. Hydraulically clamped carbide blade guide system.
6. Material positioning via a movable table.
7. Powered movable guide arm with hydraulic lock.
8. Antivibration roller.
9. Two sets of full stroke vise jaws - one on each side of the blade.
10. Automatic chip conveyor.
11. One bi-metal saw blade.
12. One set of tools.
13. Out of square detector.
14. Ladder and platform for blade changing.

OPTIONAL EQUIPMENT:

1. Dead roller table, 3M long.
2. Power roller table, 3M long.

PB-5252	PB-5263
52" (1300 mm)	52" (1300 mm)
52" W x 52" H (1300 x 1300 mm)	63" W x 52" H (1600 x 1300 mm)
min. clamp width 22.5" (570 mm)	min. clamp width 27.5" (710 mm)
50 to 230 fpm (15 to 70 m/min.)	
INVERTER	
20HP (15 kw)	
5HP (3.7 kw)	
1/4HP (0.2 kw)	
48.4"x3"x0.063" (1230x80x1.6 mm)	51.1"x3"x0.063" (1300x80x1.6 mm)
Hydraulic	
23.6" (600 mm)	
35200 lb (16000 kg)	44000 lb (20000 kg)
220.5" x 110" (5600 x 2800 mm)	234" x 110" (5950 x 2800 mm)

is subject to change without prior notice.

BILLET TYPE

Semi Automatic

PB-6363 / PB-6371



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PB-6363 / PB-6371 / PB-6382

STANDARD FEATURES:

1. Blade breakage/motion detector.
2. Independent driven blade cleaning brush.
3. Saw frame height selector gauge.
4. Cut line light.(2 sets)
5. Hydraulically damped carbide blade guide system.
6. Material positioning via a movable table.
7. Powered movable guide arm with hydraulic lock.
8. Anti-vibration roller.
9. Heavy duty full stroke machine vise.
10. Two sets of full stroke vise jaws - one on each side of the blade.
11. Automatic chip conveyor.
12. One bi-metal saw blade.
13. One set of tools.
14. Out of square detector.
15. Ladder and platform for blade changing.

OPTIONAL EQUIPMENT:

1. Dead roller table, 3M long.
2. Power roller table, 3M long.
3. An addition vise set.

Model	
Capacity	● ■
Blade Speed	
Motor	Blade Drive Hyd. Pump Coolant Pump
Blade Size	
Blade Tension	
Blade Length	
Machine Weight	
Floor Space (L x W)	



Billet Saw

PB-6382



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PB-6363	PB-6371	PB-6382
63" (1600 mm)	63" (1600 mm)	63" (1600 mm)
63" W x 63" H (1600 x 1600 mm)	71" W x 63" H (1800 x 1600 mm)	82.7" W x 63" H (2100 x 1600 mm)
min. clamp width 23.6" (600 mm)	min. clamp width 23.6" (600 mm)	min. clamp width 23.6" (600 mm)
	40 to 200 fpm (12 to 60 m/min.)	
	INVERTER	
	20HP (15 kw)	
	7.5HP (5.5 kw)	
	1/2HP (0.4 kw)	
484" x 3" x 0.063" (12500 x 80 x 1.6 mm)	626" x 3" x 0.063" (15900 x 80 x 1.6 mm)	649.6" x 3" x 0.063" (16500 x 80 x 1.6 mm)
	Hydraulic	
	70.9" (1800 mm)	
6900 lb (31500 kg)	72600 lb (33000 kg)	79200 lb (36000 kg)
289.3" x 192.9" (7350 x 4900 mm)	299.6" x 185" (7610 x 4700 mm)	311.8" x 189.3" (7920 x 4810 mm)

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