

A man wearing safety glasses is operating a JET reciprocating saw in a workshop. The saw is cutting through a metal beam. In the background, there are shelves with various tools and equipment, including a 24-inch pneumatic hammer.

J E T®

SAWING

EMPOWERING SHOP PERFORMANCE

JETTOOLS.COM

The JET logo consists of a red horizontal bar above the word "JET" in a bold, black, sans-serif font. A small registered trademark symbol (®) is located to the right of the word "JET".

JET®

SAWING

Whether you work in the shop or out on site, JET saws deliver precision cuts for even the most heavy-duty jobs. Horizontal and Vertical Band Saws, Cold Saws and Sawing Accessories – whatever your needs, JET manufactures these machines to provide consistent, high-quality results cut after cut. Backed by one of the industry's top warranties, and accompanied by professional operation manuals, JET machines are up and running faster, longer and more efficiently than the competition.

CONTENTS >

HORIZONTAL BANDSAWS 004-019

VERTICAL BANDSAWS 020-025

Wood/Metal Vertical Bandsaws

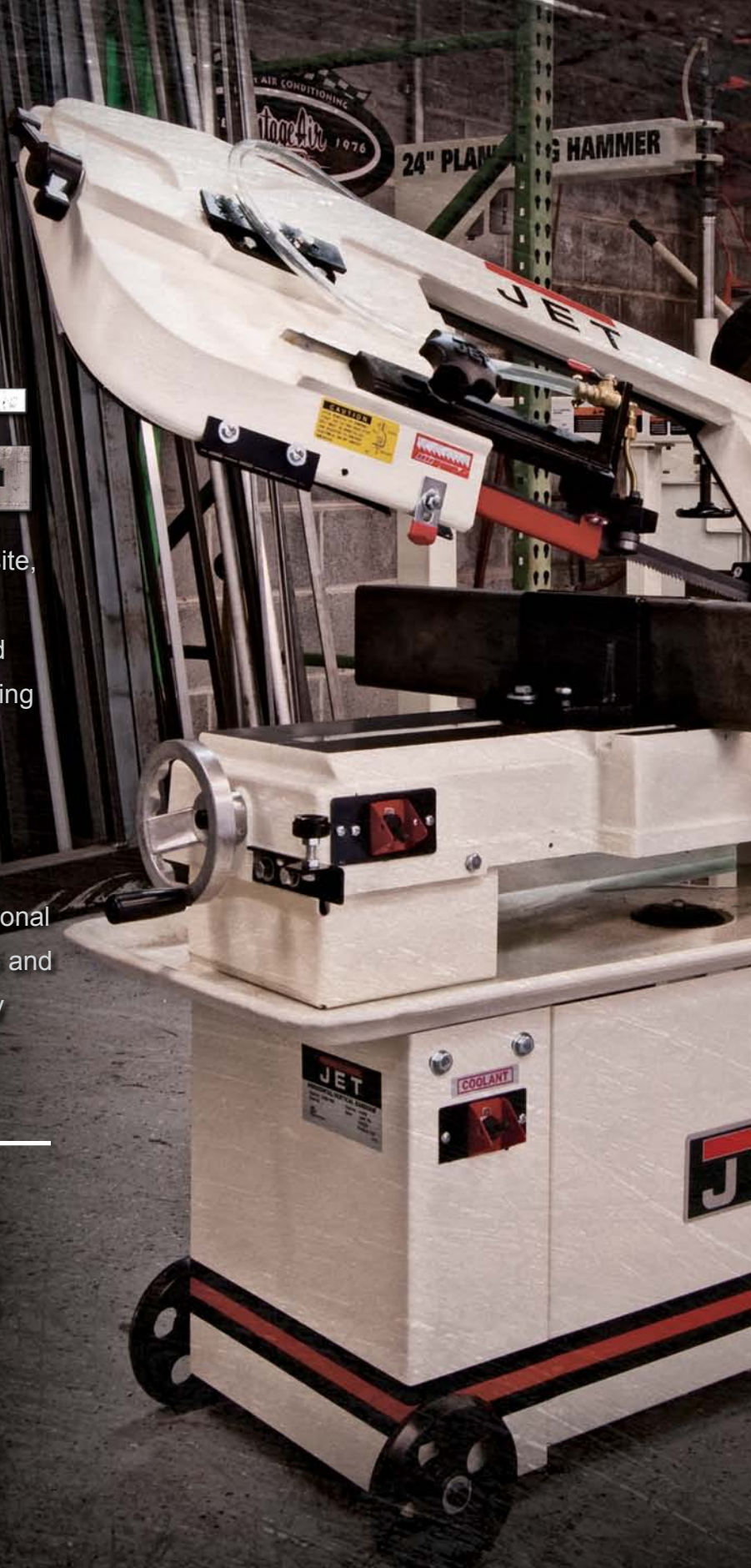
Vertical Self Feed Bandsaws

Vertical Bandsaws

COLD SAWS 026-029

CHOOSING THE CORRECT BLADE ... 030

WARRANTY 031



THE JET ADVANTAGE



DEPTH AND BREADTH OF LINE

- JET offers a range of manual horizontal saws from 5" up to 10", Semi-Automatics in 12" & 13" and our new 10" fully Automatic saw.
- In vertical bandsaws we offer 14" & 18" Wood/Metal, 14" Self-Feed, and 14" to 36" Metal cutting.
- JET also offers a line of Cold Saws. Ferrous models 225mm up to 350mm and Non-Ferrous in 350MM only. J-FK350 & J-CK350 models come standard with a double self centering vise for a burr free cut



QUALITY

JET saws are built and tested to tight tolerance standards to insure consistent quality and precision cuts.



INNOVATIVE PRODUCTS

JET is committed to ongoing innovation demonstrated in the NEW fully automatic 10" saw. Take a minute to review all the features available on page 19.



PROFESSIONAL MANUALS

JET manuals are professionally written by engineers for ease of use. All manuals come complete with parts breakdown and electrical drawings.



INDUSTRIAL LEADING WARRANTY

JET offers a 2 Year Warranty; the longest warranty in the industry, confirming our confidence in the quality of our design and workmanship. See page 31.



SERVICE CENTERS

JET offers authorized service centers across the USA. You can be assured a qualified local technician can troubleshoot, order parts and repair your equipment should a problem arise.

HORIZONTAL BANDSAWS

High-performance JET Horizontal Bandsaws enable your shop to make the cuts needed for any job. Heavy-duty rigid steel and cast iron construction, variable-speed drive systems, and counterbalance feed are among some of the features that ensure you get quality results cut after cut. JET Horizontal, Horizontal Mitering and Semi-Automatic Horizontal Bandsaws are built to last; metalworking professionals and commercial machine shops around the country rely on JET.



5" x 6" HORIZONTAL / VERTICAL BANDSAW

FEATURES

- Exclusive design heavy-duty 14-gauge stand
- Heat-treated and ground steel worm gear with bronze drive gear
- Automatic shut-off after cut
- UL Listed single phase motor
- Large diameter wheels and built-in handle allows easy movement
- Front legs feature adjustable leveling pads
- Ball bearing supported blade wheel
- Fully adjustable ball bearing blade guides
- Three blade speeds

STANDARD EQUIPMENT

- Vertical worktable
- Adjustable material stop
- 1/2" Carbon steel blade

STOCK NUMBER 414458

Model Number HVBS-56M

CUTTING CAPACITIES

Round Capacity at 90° (in.)	5
Round Capacity at 45° (in.)	3
Rectangle Capacity at 90° (in.)	5 (H) x 5-3/4 (W) & 2 (H) x 6 (W)
Rectangle Capacity at 45° (in.)	4-1/2 (H) x 3 (W)
Throat Depth (in.)	5
Vertical Worktable (in.)	9-5/8 x 9-1/2
Vise Swivels (deg.)	45
Blade Size (in.)	1/2 x .025 x 64-1/2
Blade Wheel Diameter (in.)	7-3/8
Blade Speed (SFPM)	80, 120, 200
Bed Height (in.)	26
Motor	1/2HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (in./ L x W x H)	36 x 20 x 39.5
Net Weight (lbs.)	115



2
YEAR
WARRANTY

OPTIONAL EQUIPMENT

STOCK NUMBER

Replacement Blade - 1/2" x .025" x 64-1/2" x 14R-C

414301

JET

5" x 6" SWIVEL HEAD BANDSAW



FEATURES

- Hydraulic down feed control
- Deluxe enclosed stand with handle and wheels for easymovement
- Sealed worm gear transmission
- UL Listed motor
- Head swivels for a maximum cut at 45° & 60°
- Ball bearing drive wheel and blade guides

STANDARD EQUIPMENT

- 1/2" Carbon steel blade
- Adjustable material stop



STOCK NUMBER 414457	
Model Number	HBS-56S
CUTTING CAPACITIES	
Round Capacity at 90° (in.)	5
Round Capacity at 45° (in.)	3
Round Capacity at 60° (in.)	1-3/4
Rectangle Capacity at 90° (in.)	5 x 6; 2 x 6-3/4
Rectangle Capacity at 45° (in.)	4 x 2-3/4; 2 x 3-3/4
Rectangle Capacity at 60° (in.)	5 x 1-3/4
Blade Size (in.)	1/2 x .025 x 64-1/2
Blade Wheel Diameter (in.)	7-3/8
Blade Speed (SFPM)	80, 120, 200
Bed Height (in.)	28
Motor	1/2HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (in./ L x W x H)	37 x 20-3/4 x 41
Net Weight (lbs.)	172

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 1/2" x .025" x 64-1/2" x 14R-C	414301



Hydraulic Down Feed Control



414301 Blade

SAWING

5" x 8" HORIZONTAL BANDSAW

NEW!

FEATURES

- Adjustable ball bearing guides
- Heat treated steel worm gear and bronze drive gear
- Automatic shut off at end of cut
- Adjustable hydraulic feed system
- Handle and wheels for convenient moving to various work stations

STANDARD EQUIPMENT

- Eccentric shaft and ball bearing side blade guides
- Ball bearing rear blade guides
- 1 gallon capacity coolant system, 115V/1Ph, complete with hose, flexible nozzle, shut off valve, tank and baffle
- 1/2" carbon steel blade

STOCK NUMBER	414453
Model Number	J-3230
CUTTING CAPACITIES	
Round Capacity at 90° (in.)	5
Round Capacity at 45° (in.)	4-1/2
Rectangle Capacity at 90° (in.)	7-1/2 x 5
Rectangle Capacity at 45° (in.)	4-1/2 x 5
Blade Size (in.)	1/2 x .025 x 68-1/2
Blade Wheel Diameter (in.)	7-1/2
Blade Speed (SFPM)	85, 125, 200
Bed Height (in.)	23-1/2
Motor	1/2HP, 115V, 1Ph, 1725RPM
Floor Space Required (in./ L x W x H)	37 x 16 x 37
Net Weight (lbs.)	134



OPTIONAL EQUIPMENT	STOCK NUMBER
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Replacement Blade - 1/2" x .025" x 64-1/2" x 14R-C	414301
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7" x 12" HORIZONTAL / VERTICAL BANDSAW



FEATURES

- UL listed motor
- Hardened and ground worm gear
- Automatic shut-off after cut
- Heavy cast iron bow and bed
- Hydraulic downfeed for ease of cut
- Roller cabinet with built-in chip tray

STANDARD EQUIPMENT

- Vertical worktable
- 3/4" Bi-metal blade
- Coolant system
- Adjustable material stop
- Chip brush



HVBS-7MW METALWORKING BANDSAW

The JET HVBS-7MW Metalworking Bandsaw is powered by a 3/4HP UL approved motor. Four wheels and built in handle allow easy movement. Each HVBS-7MW comes equipped with a 3/4" carbon steel blade, adjustable material stop and vertical worktable. You can be confident in the safety features offered on the HVBS-7MW with the automatic shut off after each cut.

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 3/4" x .035" x 93" x 6/10VT	414304
Replacement Blade - 3/4" x .035" x 93" x 6R	5632142
Replacement Blade - 3/4" x .035" x 93" x 8R	5632141
Replacement Blade - 3/4" x .035" x 93" x 10R	5632151
Replacement Blade - 3/4" x .035" x 93" x 14R	5632161

STOCK NUMBER	414459
Model Number	HVBS-7MW
CUTTING CAPACITIES	
Round Capacity at 90° (in.)	7
Round Capacity at 45° (in.)	4-1/2
Rectangle Capacity at 90° (in.)	2 (H) x 12 (W) / 7 (H) x 10-7/8 (W)
Rectangle Capacity at 45° (in.)	7 (H) x 3-1/2 (W) / 5-1/2 (H) x 4-1/2 (W)
Throat Depth (in.)	7
Vertical Tables (in.)	9-3/8 x 10
Vise Swivels (deg.)	45
Blade Size (in.)	3/4 x .035 x 93
Blade Wheel Diameter (in.)	11-3/4
Blade Speed (SFPM)	86, 132, 178, 260
Bed Height (in.)	23
Motor	3/4HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (in./ L x W x H)	49-1/2 x 20-1/2 x 41
Net Weight (lbs.)	286

SAWING

7" x 12" HORIZONTAL BANDSAW

NEW!

FEATURES

- Blade drive is steel, heat treated worm driving a bronze worm gear in oil bath
- Heavy duty cast iron saw head and table
- Blade wheels are made of flanged cast iron
- Blade guides – side-eccentric shaft and ball bearing; rear-ball bearing
- Adjustable hydraulic feed system
- Automatic shut-off at end of cut

STANDARD EQUIPMENT

- Rapid acting vise
- 3/4" bi-metal blade
- Coolant pump 1 gallon, 1Ph motor, complete with hose, flexible nozzle, shut-off valve, tank and baffle
- Wheel kit for convenient moving to various work stations
- Adjustable material stop

STOCK NUMBER	414454	414455
Model Number	J-3410	J-3410-2
CUTTING CAPACITIES		
Round Capacity at 90° (in.)	7	7
Round Capacity at 45° (in.)	4-1/2	4-1/2
Rectangle Capacity at 90° (in.)	2 x 12 / 7 x 10-1/2	2 x 12 / 7 x 10-1/2
Rectangle Capacity at 45° (in.)	7 x 3-1/2	7 x 3-1/2
Blade Size (in.)	3/4 x .035 x 93	3/4 x .035 x 93
Blade Wheel Diameter (in.)	11-7/16	11-7/16
Blade Speed (SFPM)	80, 130, 180, 265	80, 130, 180, 265
Bed Height (in.)	23-1/2	23-1/2
Motor	3/4HP, 115V, 1Ph,	3/4HP, 220V, 1Ph
Floor Space Required (in./ L x W x H)	50 x 18 x 41	50 x 18 x 41
Net Weight (lbs.)	308	308

OPTIONAL EQUIPMENT

STOCK NUMBER

Replacement Blade - 3/4" x .035" x 93" x 6R	5632142
Replacement Blade - 3/4" x .035" x 93" x 8R	5632141
Replacement Blade - 3/4" x .035" x 93" x 10R*	5632151*
Replacement Blade - 3/4" x .035" x 93" x 14R	5632161

*Supplied as standard on bandsaw



5632142 Blade



414454



8" x 13" HORIZONTAL BANDSAW

FEATURES

- The combination of an oil bath, gear reduction power train, along with precision blade guides and a hydraulic feed system delivers consistent, accurate cuts and longer blade life.
- Dual voltage electrics (115V/230V) with overload and low voltage protection
- Longer blade wheel base reduces blade fatigue and increases blade life
- Heavy duty, rigid steel and cast iron construction of the head and base provides full blade support and eliminates vibration and deflection.
- Conveniently located control panel and an easily accessible coolant system
- Easy to use belt drive tensioner does not require tools for blade speed changes or belt replacement

STANDARD EQUIPMENT

- Rapid acting vise (allows miter cutting to 45°)
- Coolant system
- 1" Bi-metal blade
- Adjustable material stop

2
YEAR
WARRANTY

NEW!

STOCK NUMBER		414450
Model Number		J-7015
CUTTING CAPACITIES		
Round Capacity at 90° (in.)		9
Round Capacity at 45° (in.)		9
Rectangle Capacity at 90° (in.)		9 x 13
Rectangle Capacity at 45° (in.)		9 x 8
Blade Size (in.)		1 x .035 x 114.5
Blade Wheel Diameter (in.)		11-5/8
Blade Speed (SFPM)		82, 132, 170, 235
Bed Height (in.)		27-1/2
Motor		1.5HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (in./ L x W x H)		62-1/2 x 23 x 48
Net Weight (lbs.)		551

OPTIONAL EQUIPMENT		STOCK NUMBER
Replacement Blade - 1" x .035" x 114-1/2" x 4/6VT		5516191
Replacement Blade - 1" x .035" x 114-1/2" x 8/12VT		5516193



5516191 Blade

SAWING

8" x 14" HORIZONTAL GEARED HEAD BANDSAW

FEATURES

- Heavy-duty geared head transmission for quick speed changes
- Hydraulic feed
- Hardened and ground worm gears
- Easy accessible control panel for operator use
- Portable on wheels
- Miters at 45°

STANDARD EQUIPMENT

- 3/4" Bi-metal blade
- Coolant system
- Adjustable material stop
- Chip brush



STOCK NUMBER	414466
Model Number	HBS-814GH
CUTTING CAPACITIES	
Round Capacity at 90° (in.)	8
Round Capacity at 45° (in.)	6-1/2
Rectangle Capacity at 90° (in.)	14 x 8 / 2 x 14
Rectangle Capacity at 45° (in.)	6-1/2 (H) x 6 (W) & 2 (H) x 7 (W)
Throat Depth (in.)	8
Vise Swivels (deg.)	45
Blade Size (in.)	3/4 x .035 x 97
Blade Wheel Diameter (in.)	12
Blade Speed (SFPM)	135, 197, 256
Bed Height (in.)	26
Motor	1HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (in./ L x W x H)	51-1/2 x 18-1/8 x 44
Net Weight (lbs.)	400

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 3/4" x .035" x 97" x 8R-C	5674032
Replacement Blade - 3/4" x .035" x 97" x 5/8VT	5674033
Replacement Blade - 3/4" x .035" x 97" x 8/12VT	5674034



Easy Accessible Control Panel



Coolant System Reservoir



5674032 Blade

7" AND 8 - 3/4" ZIP MITER HORIZONTAL BANDSAW

NEW!

FEATURES

- Adjustable hydraulic feed system
- Eccentric shaft ball bearings
- Heavy duty cast iron saw head and sturdy base
- Mitering capability to 60°
- Convenient control panel

STANDARD EQUIPMENT

- Hydraulic blade tension gauge
- Overload protection
- Complete coolant system
- Adjustable material stop
- Bi-Metal bandsaw blade



414464

STOCK NUMBER	414464	414467
Model Number	J-9180-3	J-9225
CUTTING CAPACITIES		
Round Capacity at 90° (in.)	7	8-3/4
Round Capacity at 45° (in.)	4-1/2	6-1/4
Rectangle Capacity at 90° (in.)	7 x 7	8-3/4 x 7
Rectangle Capacity at 45° (in.)	4-1/2 x 4-1/2	6-1/4 x 7-1/4
Vise Swivels (deg.)	60	60
Blade Size (in.)	3/4 x .035 x 82	1 x .035 x 96-1/2
Blade Wheel Diameter (in.)	10-1/2	11-5/8
Bed Height (in.)	35-7/8	38-7/16
Motor	1HP, 230V, 3Ph	1-1/2HP, 230V, 3Ph
Floor Space Required (in./ L x W x H)	47 x 29 x 56-1/2	51 x 33 x 59-1/4
Net Weight (lbs.)	385	485



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SAWING

011

9" x 16" HORIZONTAL BANDSAW

FEATURES

- Large hand-wheel and built-in gauge for easy blade tensioning
- Quick-positioning vise with fully adjustable jaws swivels to 45°
- Removable chip tray for quick clean-up
- Blade is fully guarded regardless of blade guide position
- Blade guides feature parallel double row ball bearing support
- Coolant is distributed through the blade guides
- Blade brush is built-in and self-propelled
- Fully adjustable hydraulic downfeed with separate on/off valve

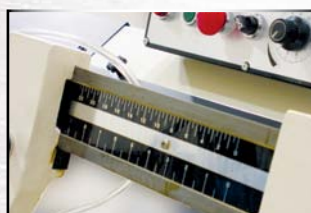
STANDARD EQUIPMENT

- Automatic shut-off after cut
- Carbide blade guides with rollers
- Coolant system
- 4/6VT Bi-metal blade
- Adjustable material stop

STOCK NUMBER	414468
Model Number	HBS-916W
CUTTING CAPACITIES	
Round Capacity at 90° (in.)	9
Round Capacity at 45° (in.)	6-1/8
Rectangle Capacity at 90° (in.)	2 x 16 / 8-1/2 x 14
Rectangle Capacity at 45° (in.)	9 x 6-1/8
Vise Swivels (deg.)	45
Blade Size (in.)	1 x .035 x 119-1/2
Blade Wheel Diameter (in.)	13
Blade Speed (SFPM)	82, 132, 170, 235
Bed Height (in.)	25
Motor	1-1/2HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (in./ L x W x H)	65 x 28 x 42
Net Weight (lbs.)	625

HBS-916W METALWORKING BANDSAW

The JET HBS-916W Horizontal Bandsaw is one of the leading tools of its kind. It comes equipped with tons of features: a large handwheel, built-in gauge, blade guides, blade brush, quick-positioning vise, and removable chip tray just to name a few. The HBS-916W automatically shuts off after a cut for safety. Each horizontal bandsaw comes with a 4/6VT Bi-Metal blade and 2 year warranty.



Easy-To-Read Scale



414305 Blade



10" x 14" HORIZONTAL MITERING BANDSAW

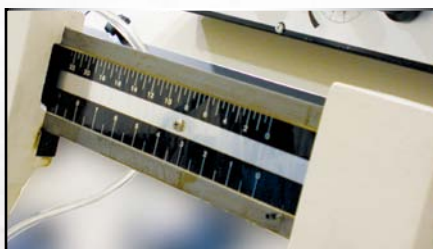


FEATURES

- Unique design features a swivel-head for miter cutting structurals, pipe and tubing
- Large, easy-to-read scale for positioning saw head
- Quick-positioning vise reduces set-up time
- Coolant is distributed through the blade guides
- Blade brush is built-in and self-propelled
- Miter head swivels from 90° to 45° while the stock remains in the same position
- Large handwheel and built-in gauge for easy blade tensioning
- Fully adjustable hydraulic downfeed with separate on/off valve

STANDARD EQUIPMENT

- Automatic shut-off after cut
- Carbide blade guides with rollers
- Coolant system
- 4/6VT Bi-metal blade
- Adjustable material stop



Easy-To-Read Scale



Removable Chip Tray



414311 Blade

STOCK NUMBER	414479	414477
Model Number	MBS-1014W-1	MBS-1014W-3
CUTTING CAPACITIES		
Round Capacity at 90° (in.)	10	10
Round Capacity at 45° (in.)	9	9
Rectangle Capacity at 90° (in.)	15	15
Rectangle Capacity at 45° (in.)	9 x 8-1/2	9 x 8-1/2
Vise Swivels (deg.)	45	45
Blade Size (in.)	1 x .035 x 130	1 x .035 x 130
Blade Wheel Diameter (in.)	14	14
Blade Speed (SFPM)	82, 132, 210, 330	82,132,210,330
Bed Height (in.)	25	25
Motor	2HP, 230V Only, 1Ph	3 HP, 230/460V,3Ph Prewired 230V
Floor Space Required (in./ L x W x H)	26x69x44	26 x 69 x 44
Net Weight (lbs.)	948	948

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 1" x .035" x 130" x 4/6VT	414311

SAWING

10" x 16" HORIZONTAL BANDSAW

NEW!



FEATURES

- Variable speed drive system allows the operator to fine tune the blade speed fast and easily
- Exclusive 6 contact point blade guide assemblies
- Exclusive swivel control panel
- 10" x 16" Horizontal Bandsaw
- One piece wheel cover
- Heavy duty rugged transmission utilizes hardened and ground gears operating in an oil bath

STANDARD EQUIPMENT

- Swing away control panel
- Patented 3 jaw rapid action vise
- Cast iron blade wheels
- Coolant system
- 1" Bi-metal blade
- Adjustable material stop



414472

STOCK NUMBER	414472	414478	414499
Model Number	J-7020	J-7040	J-7040-4
CUTTING CAPACITIES			
Round Capacity at 90° (in.)	10	10	10
Round Capacity at 45° (in.)	10	10	10
Rectangle Capacity at 90° (in.)	7 x 16 / 10 x 10	7 x 16 / 10 x 10	7 x 16 / 10 x 10
Rectangle Capacity at 45° (in.)	6-1/2 x 11	6-1/2 x 11	6-1/2 x 11
Blade Size (in.)	1 x .035 x 130	1 x .035 x 130	1 x .035 x 130
Blade Wheel Diameter (in.)	14	14	14
Blade Speed (SFPM)	100 - 350	100 - 350	100 - 350
Bed Height (in.)	23-1/2	23-1/2	23-1/2
Motor	1-1/2HP, 115/230V, 1Ph, Prewired 230V	2HP, 3Ph	2HP, 460V, 3Ph, Prewired 460V
Floor Space Required (in./ L x W x H)	75-1/2 x 33 x 41	75-1/2 x 33 x 41	75-1/2 x 33 x 41
Net Weight (lbs.)	927	927	927

OPTIONAL EQUIPMENT

STOCK NUMBER

Replacement Blade - 1" x .035" x 135" x 4/6VT	5674011
Replacement Blade - 1" x .035" x 135" x 5/8VT	5674022
Replacement Blade - 1" x .035" x 135" x 6/10VT	5674021

J E T

10" x 16" HORIZONTAL MITERING BANDSAW

NEW!

FEATURES

- Variable speed drive system allows the operator to fine tune the blade speed fast and easily
- Exclusive six contact point blade adjustable guide assemblies
- Combined with the side bearings are carbide pads, the back of the blade rides on two load bearings mounted on a pivot shaft so both bearings share the load equally
- Counterbalanced feed system is controlled by a dual system of counterbalance springs working with a hydraulic cylinder.
- Mitering head – the workpiece remains fixed while the head swivels to cut any angle 0° - 45°
- Heavy duty transmission utilizes hardened and ground gears operating in an oil bath

STANDARD EQUIPMENT

- Swing away control panel
- 1" Bi-metal blade
- Cast iron blade wheels
- Coolant system
- Adjustable material stop



414474

STOCK NUMBER	414474	414475	414484
Model Number	J-7020M	J-7040M	J-7040M-4
CUTTING CAPACITIES			
Round Capacity at 90° (in.)	10	10	10
Round Capacity at 45° (in.)	8-1/2	8-1/2	8-1/2
Rectangle Capacity at 90° (in.)	2 x 16 / 10 x 14	2 x 16 / 10 x 14	2 x 16 / 10 x 14
Rectangle Capacity at 45° (in.)	8-1/2 x 9	8-1/2 x 9	8-1/2 x 9
Vise Swivels (deg.)	45	45	45
Blade Size (in.)	1 x .035 x 135	1 x .035 x 135	1 x .035 x 135
Blade Wheel Diameter (in.)	14	14	14
Blade Speed (SFPM)	100-350	100 - 350	100 - 350
Bed Height (in.)	25-1/2	25-1/2	25-1/2
Motor	1-1/2HP, 115/230V, 1Ph, Prewired 230V	2HP, 230/460V, 3Ph, Prewired 230V	2HP, 230/460V, 3Ph, Prewired 460V
Floor Space Required (in./ L x W x H)	76 x 30 x 48	76 x 30 x 48	76 x 30 x 48
Net Weight (lbs.)	1,134	1,125	1,125

SAWING

10" x 18" HORIZONTAL BANDSAW



FEATURES

- Coolant is distributed through the blade guides
- Blade guides feature parallel double-row ball bearing support
- Removable chip tray for quick clean-up
- Blade is fully guarded regardless of blade guide position
- Large hand wheel and built-in gauge for easy blade tensioning
- Blade brush is built-in and self-propelled
- Quick-positioning vise with fully adjustable jaws swivels to 45°
- Fully adjustable hydraulic downfeed with separate on/off valve

STANDARD EQUIPMENT

- Automatic shut-off after cut
- Carbide blade guides with rollers
- Coolant system
- 4/6VT Bi-metal blade
- Adjustable material stop



STOCK NUMBER	414473
Model Number	HBS-1018W
CUTTING CAPACITIES	
Round Capacity at 90° (in.)	10
Round Capacity at 45° (in.)	7-1/2
Rectangle Capacity at 90° (in.)	10 x 16 and 6-1/2 x 18
Rectangle Capacity at 45° (in.)	10 x 7-1/2
Vise Swivels (deg.)	45°
Blade Size (in.)	1 x .035 x 130-1/2
Blade Wheel Diameter (in.)	14
Blade Speed (SFPM)	82, 132, 210, 330
Bed Height (in.)	23-1/2
Motor	2HP, 230V only, 1Ph
Floor Space Required (in./ L x W x H)	69 x 28 x 42-3/4
Net Weight (lbs.)	705



Carbide Blade Guides



Removable Chip Tray

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 1" x .035" x 130-1/2" x 4/6VT	414308
Replacement Blade - 1" x .035" x 130-1/2" x 8/12VT	414310



414308 Blade

J E T

12" x 20" SEMI-AUTOMATIC HORIZONTAL BANDSAW

FEATURES

- Exclusive swivel control panel
- Counterbalanced feed system is controlled by a dual system of counterbalance springs working with a hydraulic cylinder
- Saw head raised hydraulically after each cut
- Variable speed drive system allows the operator to fine tune the blade speed fast and easily
- Heavy duty transmission utilizes hardened and ground gears operating in an oil bath
- Cast iron band wheels
- Swing away control panel

- Exclusively patented 3 jaw vise allows for faster set up
- Exclusive six contact point blade adjustable guide assemblies utilize cam follower bearings mounted on eccentric shafts on both sides of the blade

STANDARD EQUIPMENT

- Coolant system
- 1" Bi-metal blade
- Adjustable material stop

NEW!



STOCK NUMBER	414476
Model Number	J-7060
CUTTING CAPACITIES	
Round Capacity at 90° (in.)	12
Round Capacity at 45° (in.)	12
Rectangle Capacity at 90° (in.)	12 x 20
Rectangle Capacity at 45° (in.)	12 x 12
Blade Size (in.)	1 x .035 x 156
Blade Wheel Diameter (in.)	17
Blade Speed (SFPM)	82 - 262
Bed Height (in.)	26-1/4
Motor	3HP, 230/460V, 3Ph, Prewired 230V
Floor Space Required (in./ L x W x H)	87 x 37-1/2 x 53
Net Weight (lbs.)	1,456

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 1" x .035" x 156" x 4/6VT	5512107
Replacement Blade - 1" x .035" x 156" x 5/8VT	5674023
Replacement Blade - 1" x .035" x 156" x 6/10VT	5512108



5512107 Blade

SAWING

13" SEMI-AUTO HORIZONTAL BANDSAW

FEATURES

- Semi-automatic bow raises after cut is complete to predetermined height
- Fully adjustable hydraulic downfeed controls the rate of descent
- Quick-positioning vise lessens set-up time
- Cleaning hose and nozzle assist in washing chips away
- Easy access chip tray allows quick cleanup
- Variable blade speed allows optimum cutting performance
- Safety switch shuts off motor if band breaks
- Large hand wheel and built-in gauge provides easy blade tensioning
- Coolant is distributed through the blade guides
- Self-propelled blade brush extends the blade life

STANDARD EQUIPMENT

- Automatic shut-off after cut
- Carbide blade guides with rollers
- Coolant system
- 1-1/4VT Bi-Metal
- Adjustable material stop



STOCK NUMBER	414471
Model Number	HBS-1321W
CUTTING CAPACITIES	
Round Capacity at 90° (in.)	13
Round Capacity at 45° (in.)	10-1/2
Rectangle Capacity at 90° (in.)	10 x 21 and 13 x 19
Rectangle Capacity at 45° (in.)	11-1/2 x 10-1/2
Blade Size (in.)	1-1/4 x .042 x 161-1/2
Blade Wheel Diameter (in.)	18
Blade Speed (SFPM)	80 - 260
Bed Height (in.)	28-3/4
Motor	3HP, 230/460V, 3Ph, Prewired 230V
Floor Space Required (in./ L x W x H)	87 x 32 x 55
Net Weight (lbs.)	1,276

10" HORIZONTAL AUTO SAW



NEW!

FEATURES

- FCD50, a highly rigid material, is used to cast a majority of the machine structure. It is combined with an advanced torque enhanced transmission and give 30% more productivity in sawing steel and stainless steel
- Material detecting sensor
- Bundle cutting
- Broken blade sensor
- Heavy duty taper bearing in blade wheels
- Vise pressure regulator
- Blade breakage detector
- 10 PLC-controlled programs
- 3300lbs load capacity
- Saw Frame-work height selector
- Automatic chip-cleaning system
- Dual-vise shuttle feeding system
- Heavy-duty one-piece base assembly
- Power driven blade brush
- Hydraulic blade tensioning system
- Large ball-bearing supporting the blade guides
- Material-size sensor for rapid travel
- Inverter blade speed control

STANDARD EQUIPMENT

- 2 Meter (6.5FT) Roller Stand
- Chip Cart
- Work Lamp
- Out of Stock Sensor
- Full Stroke Vises
- Bundle Clamps
- Power Driven Blade Cleaning Brush
- Numerical Control Feed and Speed System
- PLC Memorize Programable Cutting (10 programs)
- Auger-Type Hydraulic/Automatic Chip Conveyor
- Hydraulic Vertical Press Clamping (Nesting Fixture)
- Blade Breakage Detector
- Inverter Blade Speed Control
- Dual Vise Shuttle System
- Saw Frame Work Height Selector
- Hydraulic Blade Tension
- Vise Pressure Regulator

STOCK NUMBER	414462
Model Number	AB-1012W
CUTTING CAPACITIES	
Round Diameter (in.)	10
Rectangle (W x H)	10 x 12
Bundle Width (in.)	6 - 10
Bundle Height (in.)	4 - 6
Minimum Residual Work Length (in.)	2
Maximum Feeding Stroke (in.)	15-3/4
Minimum Stock Diameter (in.)	3/8
No Material Detecting Diameter (in.)	1-1/4
PLC-NC Programable Cutting Quantities	10 programs
Work Load Capacity (lbs.)	3,306
Blade Size (in.)	1 x 0.035 x 138
Blade Speed (ft/min)	88 - 295
Blade Speed (m/min)	27 - 90
Main Motor	3HP
Coolant Motor	1/6HP
Hydraulic Motor	1HP
Coolant Tank Capacity (gal.)	10.5
Hydraulic Tank Capacity (gal.)	8
Roller Stand Load Capacity (lbs.)	2,200
Table Height (in.)	30
Packaging Size (in./ L x W x H)	90 x 87 x 75
Net Weight (lbs.)	3,153



Easy To Use Selection Chart and Dial for Speeds/Materials



Bundling Attachment

SAWING

VERTICAL BANDSAWS

When a project requires long, continuous cuts, contours or intricate cuts, JET Vertical Bandsaws perform flawlessly under shop or production line conditions. These rugged-built JET Vertical Bandsaws handle the heaviest workloads, with models that offer variable speed control, multi-tilting work tables, digital readouts and other features. Every JET sawing machine is built to last, and these precision Vertical Bandsaws are no exception.



NEW!

14" WOOD / METAL VERTICAL BANDSAWS

FEATURES

- Cast iron frame
- Solid one piece steel base for extra stability
- Exclusive gear box design allows wood/metal model saws to be used for a wider variety of metal, wood, non-ferrous metal, plastic cutting applications.
- Conveniently located on/off switch
- Variable speed drive system (J-8201VS & J-8203VS)

STANDARD EQUIPMENT

- Miter gauge
- Dust chute
- Saw blades (wood & metal)
- Adjustable table



414500K

STOCK NUMBER	414500K	414504K	414502	414503	708116K
Model Number	J-8201K	J-8203K	J-8201VS	J-8203VS	JWBS-14MW
Blade Speeds Metal (SFPM)	39, 57, 78, 107, 142, 196, 278	39, 57, 78, 107, 142, 176, 278	Variable 90-340	Variable 90-340	735, 1,470, 2,350
Blade Speeds Wood (SFPM)	3,300	3,300	2,600	2,600	3,000
Under Guide (in.)	6	6	6	6	-
Under Guide with Riser Block (in.)	12	12	12	12	-
Height Capacity (max./in.)	6	6	6	6	8
Throat Capacity (max./in.)	13-1/2	13-1/2	13-1/2	13-1/2	13-1/2
Table Size (in.)	14 x 14	14 x 14	14 x 14	14 x 14	15 x 15
Table Tilt Right	45°	45°	45°	45°	45°
Table Tilt Left	15°	15°	15°	15°	10°
Blade Length (approx./in.)	92-1/2	92-1/2	92-1/2	92-1/2	93-1/2
Blade Width (min-max/in.)	1/8 - 3/4	1/8 - 3/4	1/8 - 3/4	1/8 - 3/4	1/8 - 3/4
Miter Gauge Groove Wide x Deep (in.)	3/4 x 3/8	3/4 x 3/8	3/4 x 3/8	3/4 x 3/8	3/4 x 3/8
Table Height (in.)	44	44	44	44	43-1/2
Motor	1HP, 115/230V, 1Ph, Prewired 115V	1HP, 230/460V, 3Ph, Prewired 230V	1HP, 115/230V, 1Ph, Prewired 115V	1HP, 230/460V, 3Ph, Prewired 230V	1HP, 1Ph, 115/230V, Prewired 115V
Floor Space Required (in./ L x W x H)	26 x 18-1/2 x 67	26 x 18-1/2 x 67	26 x 18-1/2 x 67	26 x 18-1/2 x 67	19 x 26 x 68
Net Weight (lbs.)	171	155	325	325	194

OPTIONAL EQUIPMENT

OPTIONAL EQUIPMENT	STOCK NUMBER
Rip Fence — fits all models	5782171
Riser block assembly increases height under the guide by 6" — fits all models	5782181
Replacement Blade - 3/8" x .025" x 92-1/2" x 14R-C	5782722
Replacement Blade - 3/8" x .025" x 92-1/2" x 10R-C	5782723



JET

18" WOOD / METAL VERTICAL BANDSAW

FEATURES

- Exclusive quick-release, precision T-square style rip fence
- Built-in cutting height scale
- Convenient speed changes with no tools required
- Extra large 19" x 19" cast iron table
- Ball bearing guide system reduces friction for longer blade life
- Lower blade wheel brush and dust collection port



STOCK NUMBER 414418	
Model Number	VBS-18MW
Height Capacity (max./in.)	12
Throat Depth (max./in.)	18-3/8
Rip left of blade w/fence (max./in.)	16-1/2
Blade Size (in.)	137 x 3/4 x .035
Blade Length (approx./in.)	137
Blade Width (min-max./in.)	1/8 - 1-1/2 (Wood)
Cutting Speeds Wood (SFPM)	1,000, 1,800, 3,200
Cutting Speeds Metal (SFPM)	80, 150, 265
Table Size (in.)	19 x 19
Table Tilt	R 45°, L 10°
Table Height at 90° (in.)	37-1/2
Motor	1HP, 115/230V, 1Ph, Prewired 115V
Floor Space Required (in./ L x W x H)	42 x 38 x 74
Net Weight (lbs.)	456



SAWING

VERTICAL SELF-FEED BANDSAW

2
YEAR
WARRANTY

FEATURES

- Welded frame and base of heavy gauge steel
- Swivel vise for mitering
- Hydraulic feed control
- Designed for multiple uses cutting both ferrous and nonferrous metals
- Heavy-duty cast iron table
- Four blade speeds
- Guide rollers accept blade sizes: 1/8", 1/4", 3/8", 1/2", 5/8", 3/4", 1"

STANDARD EQUIPMENT

- Work lamp
- Chip tray
- Extension roller
- Blade speed and pitch selector
- Four foot pads
- Miter gauge
- 5/8" Bi-metal blade



414486



Swivel Vise for Mitering

STOCK NUMBER	414486	414487
Model Number	VSF-14-1	VSF-14-3
Blade Speeds (SFPM)	70, 140, 280, 580	70, 140, 280, 580
Height Capacity (max./in.)	14-1/2	14-1/2
Throat Capacity (max./in.)	8-1/2	8-1/2
Table Size (in.)	30-1/2 x 18-1/2	30-1/2 x 18-1/2
Blade Length (approx./in.)	120	120
Blade Width (min-max./in.)	1/8 - 1	1/8 - 1
Table Height (in.)	30	30
Motor	1HP, 115/230V, 1Ph, Prewired 115V	1HP, 230/460, 3Ph, Prewired 230V
Floor Space Required (in./ L x W x H)	49-1/4 x 32-1/4 x 70	49-1/4 x 32-1/4 x 70
Net Weight (lbs.)	550	550



Hydraulic Feed Control

J E T

14", 16", 20" AND 36" VERTICAL BANDSAWS



COMMON FEATURES

- Heavy Duty completely enclosed steel frame
- Multi-tilting work surfaces
- Easy to read blade tension indicator
- Variable speeds provide proper adjustments for high efficiency cutting

FEATURES OF THE VBS-3612

- Heavy duty bandsaw can handle large production pieces on its extra large twin tables
- Three wheel system for cutting wide pieces
- Two speed transmission and variable speed allow for wide range of blade speeds

STANDARD EQUIPMENT

- Blade welder, grinder and cutter
- Worklamp
- Chip Blower
- 1/4" x 14/18 VT Bi-Metal blade
- Blade and tire cleaning brush
- Set of tools

ADDITIONAL STANDARD EQUIPMENT FOR THE VBS-3612

- 2 Worktables
- Rip fence



STOCK NUMBER	414438	414485	414482	414470
Model Number	VBS-1408	VBS-1610	VBS-2012	VBS-3612
Blade Speeds (SFPM)	82 - 330	Low 82 - 330, High 985 - 3,950	Low 65 - 555, High 390 - 3,280	Low 50 - 410, High 550 - 5,000
Height Capacity (max./in.)	8	10	12	12
Throat Capacity (max./in.)	14	15-1/2	20	36
Table Size (in.)	20 x 20	22 x 24	24 x 22-1/2	23-5/8 x 27-1/2 and 17-3/4 x 27-1/2
Table Tilt	8° F & B, 12° L, 15° R	8° F & B, 12° L, 15° R	8° F & B, 15° R & 12° L	10° L & 45° R
Blade Length (approx./in.)	114	123-1/2	156-1/2	197
Blade Width (min-max./in.)	1/8 - 1/2	1/8 - 5/8	1/8 - 1	1/8 - 1
Table Height (in.)	39	40	39-1/2	40
Motor	1HP, 115/230V, 1Ph, Prewired 115V	2HP, 230/460V, 3Ph, Prewired 230V	2HP, 230/460V, 3Ph, Prewired 230V	3HP, 230/460V, 3Ph, Prewired 230V
Floor Space Required (in./ L x W x H)	34 x 24 x 68-1/2	37 x 28 x 72-1/2	42 x 30 x 79	69 x 32 x 81
Net Weight (lbs.)	634	944	1,244	1,760

OPTIONAL EQUIPMENT	STOCK NUMBER
VBS-3612 Replacement Blade - 1/4" x .025" x 197" x 14R-C	5674030



SAWING ACCESSORIES & HELPFUL TIPS

MATERIAL SUPPORT STANDS

- Heavy-duty cast iron and steel construction
- Chrome plated ball bearing roller head
- Locking screws provide added safety
- The roller heads are interchangeable

STOCK NUMBER	414221	414222
Weight Holding Capacity (lbs.)	2,000	2,000
Minimum Stock Diameter (in.)	-	1
Maximum Stock Diameter (in.)	-	12
Length of Horizontal Roller (in.)	14	-
Height Range (in.)	23.5 - 38.5	23.5 - 38.5
Base/3 Legs Area Required (in.)	16.5 x 16.5 Square	16.5 x 16.5 Square
Stand Dimensions (in./ L x W x H)	22 x 22 x 5	22 x 22 x 5
Net Weight (lbs.)	30	30

STOCK NUMBER	DESCRIPTION
414223	Horizontal Material Support (Head Only)
414224	V-Roller Material Support (Head Only)



Horizontal



V-Roller



JET STRIVES TO MAKE YOUR JOB EASIER, BY PROVIDING YOU WITH HELPFUL INFORMATION ON BANDSAW BLADES

BANDSAW BLADE TERMINOLOGY:

- **Tooth Form:** Straight (constant), Variable, Hook and Skip.
- **Tooth Pitch:** Distance from one tooth to the next.
- **TPI (teeth per inch):** ranging from .8-32
- **Width:** Distance from top of tooth to bottom of blade backing.
- **Gage:** The thickness of the blade, ie. .025", .035" etc.
- **Rake Angle (tooth angle):** Standard (0 degree) and Positive (3-12 degree).
- **Gullet:** The round root portion between the teeth.
- **Kerf:** The width of cut in the material being sawed. Kerf is a combination of the thickness of the blade plus the width of the tooth set.
- **Tooth Set:** The tilt of the teeth which provides clearance in the cut. The set to right and left of center is a factor in determining the width of the kerf.
- **Raker Set:** One tooth tilted left, then right, then straight. Standard design for most applications.
- **Wavy Set:** Groups of teeth tilting left, then right throughout the blade. Useful when tooth strippage is a problem on thin cross sections such as tubing, sheet stock. These are recommended for light-duty saws.

BASIC CUTTING PROBLEMS / SOLUTIONS:

- **Tooth Damage** - Blade mounted backwards, teeth in wrong orientation, blade "break-in" insufficient, inappropriate feed/speed, and hardened material.
- **Blade Damage** - Use higher TPI, lower blade tension, use thinner gage blade, check coolant, inappropriate feed/speed, and check guides.
- **Chip welding** - tooth size too small, excessive speeds/feeds, insufficient coolant flow.

The biggest reasons for sawing problems are inappropriate pitch (TPI) and/or improper speeds and feeds for the material type, size and shape being cut. This is especially true when using economy blades of inferior quality. Often, the quality of the chip produced will tell you if you have appropriate speed and feed. Excessive speed and/or too fine of pitch tends to produce a thin, spiral bluish chip and/or cause chip welding. Too low of speed and/or too coarse of pitch tends to cause the teeth to take chunks of material and/or cause tooth breakage and workpiece stalling. When pitch, speeds and feeds are correct, you should see a good quality chip curl with minimal sound and vibration coming from the saw.

J E T

HELPFUL TIPS

A FAB OR METAL SHOP HAS DIVERSE CUTTING REQUIREMENTS, SO CHOOSING THE PROPER BLADES TO SUIT ALL THE REQUIRED APPLICATIONS ON YOUR JET SAW IS VITAL

You need to ask yourself how can I get the lowest cost per cut while maintaining acceptable levels of surface finish. If you think in these terms, it will be easy to select blades that optimize metal separation productivity and profitability.

Fabrication or metal shops use band saws for many different kinds of cutting, including solid materials and heavy-wall tubing, structural shapes, high-efficiency bundle cutting, and hard alloy materials such as tool steels. No one blade is perfect for all of these.

After choosing the correct replacement blade for your JET saw, you still have to use it intelligently. Subjecting blades to different types of cutting shortens blade life. Understanding why is the key not only to selecting the right blade, but also to making it last.

When blades are used for cutting structural steels or bundles, the teeth are subjected to multiple impacts of different intensities from different directions. In shops, most band saw blade fail because of these repeated shocks, not excessive wear. What is most often needed then is a blade design tough enough to withstand these impacts, and still cut at a relatively fast speed while leaving a smooth finish on the product that won't require secondary operations such as filing and grinding. Such blades deliver the lowest cost per cut and by far the best value.

Discovering what blade and teeth geometry best fits your usage pattern requires a look at the type and size of equipment, as well as the section sizes and shapes most frequently cut.

Most blades used in fabrication are bimetal. These industry workhorses can be configured to withstand the impact punishment delivered in shops that primarily cut shapes and bundles, yet they are hard enough for continuous use with solids and heavy-walled tubing. They can even withstand the wear from the occasional cutting of high-alloy steels.

WITH MATERIAL OUT OF THE WAY, YOU NOW HAVE MANY OTHER PROPERTIES TO CONSIDER:

- **Blade width:** Use the widest blade your machine will take, except when cutting contours.
- **Tooth rake:** Select the appropriate rake, or tooth angle, for the materials and shapes to be cut. A positive rake is best for thick solids and heavy-wall tubing. Straight or less positive rakes are preferred for most structural and bundle cutting.
- **Tooth shape:** Many different tooth shapes are available. A few examples follow:
 - *Regular:* A conventional tooth used for general-purpose sawing with a straight (zero) rake.
 - *Hook:* A 10-degree positive rake for fast cutting of nonferrous metals, nonmetallics, plastics, and wood.
 - *Skip:* A straight (zero) rake with shallow gullets for cutting large sections of soft nonferrous materials, plastics, and wood.
- **Pitch:** Pitch is defined as the number of teeth within a certain distance (25 mm, or 1 in.) of blade. Cutting thin sections of material requires a fine pitch (more teeth). Thicker sections require more coarse pitches (fewer teeth). Always strive for a minimum of three teeth in the cut. Having six to 12 teeth in the cut at any time is optimal.

A constant pitch—with all teeth of the blade having a uniform spacing, gullet depth, and rake angle throughout the full length—typically is used for general-purpose cutting. Variable-pitch blades have various tooth sizes and gullet depths to substantially reduce noise and vibration. This helps cut structurals, tubing, and solids smoothly and quickly. Two numbers signifying the lowest/highest pitch on the blade identify this style (for instance, 10/14).

HERE ARE SOME GENERAL GUIDELINES TO HELP YOU CHOOSE THE CORRECT BLADE FOR YOUR JET SAW:

CHOOSING THE TPI (Tooth Per Inch):

Choosing the correct TPI (tooth per inch) is very important. The proper TPI varies with the material thickness to be cut. The thinner the material, the finer the pitch. The following are general guidelines to help you choose an appropriate TPI for your application.

- 1/4" or less use a fine pitch of 14/18 TPI.
- 1/4" to 7/16" use 10/14 TPI.
- 7/16" to 9/16" use 8/12 TPI.
- 9/16" to 11/16" use 6/10 TPI.
- 3/4" to 1" use 5/8 TPI.
- 1-2" use 4/6 TPI.
- 2-5" use 3/4 TPI.
- 5-10" use 2/3 TPI.
- 10-20" use 1"/1.5" TPI.
- 20" + use .8/1 TPI.

Note: If you must cut bundles, secure them tightly to minimize shifting and blade damage. Tack welding may also improve cutting performance in these applications

CHOOSE A LOWER TPI IF SPEED OF CUT IS IMPORTANT, CHOOSE A HIGHER TPI IF FINISH IS MORE IMPORTANT.

- A higher TPI will provide a smoother finish but at a slower pace.
- A lower TPI will provide for faster cuts but with rougher finishes.
- A higher TPI (10/14, 14/18) is recommended for thin cross sections (1/4" & under).
- A lower TPI (3/4, etc.) is recommended for thick cross sections (2" & larger).
- Improper TPI for hard to cut materials will shorten the blade life.
- A tooth pitch that is too high for the cross section will result in chip removal problems, slower cut rates and significantly reduced blade life.
- A tooth pitch that is too low for the cross section tends to produce thick chips, band breakage, stalling in the work piece and tooth strippage/damage.
- As a rule of thumb, a pitch towards the coarse end for a particular cross section is preferable to a pitch that is too fine. Adjustments made to the speed and feed can assist in obtaining the most efficient sawing.
- For bundles, select a slightly lower TPI than appropriate for a single piece.

COLDSAWS

Job site safety is always critical. JET Cold Saws deliver precise, burr-free cuts and easy miters without sparks or generating heat that could pose a danger to the operator or those around them. JET Cold Saws feature rugged design, a reliable coolant system and adjustable workstop for optimal action. Floor models and bench saws enable a shop of any size to deliver meticulous results cut after cut.



J-F225 BENCH COLDSAW

J-F225 FEATURES

- Bronze worm gear and hardened ground worm screw gear box in an oil bath
- Adjustable depth stop
- Blade included
- Manually cuts from 0 - 45° left
- Control handle with a safety spring loaded trigger switch to start or stop the machine
- Coolant system
- Manual vise



STOCK NUMBER	414220
Model Number	J-F225
CUTTING CAPACITIES	
Round at 90° (in.)	2-1/2
Round at 45° (in.)	2
Rectangle at 90° (in.)	2-1/2 x 2-15/16
Rectangle at 45° (in.)	1-3/4 x 1-1/4
Square at 90° (in.)	2-1/4
Square at 45° (in.)	1-5/8 x 1-5/8
Blade Size (mm.)	225
Blade Speed (RPM)	52
Motor	1HP, 115V, 1Ph
Floor Space Required (in./ L x W x H)	30 x 17 x 32
Net Weight (lbs.)	84

OPTIONAL EQUIPMENT	STOCK NUMBER
Replacement Blade - 225 - 2 - 32 / 180 Teeth	579000
Replacement Blade - 225 - 2 - 32 / 120 Teeth	579002

J E T

MANUAL FERROUS COLDSAWS CS AND FK350 SERIES

CS SERIES FEATURES

- Heavy duty cast iron frame base standard
- Cast dual pivot saw head
- Hardened and ground worm and wheel gear box
- Two cutting speeds
- 1.3 gallon coolant tank capacity

FK350 FEATURES

- Sturdy gear box design
- Double self centering vise for burr free cuts
- Thermal overload protection with magnetic starter
- 350mm Ferrous cold saw for steel, stainless and tough to cut alloys
- Manually cuts from 45° left to 45° right
- Miter stops at 90°, 45° left to 45° right
- Two cutting speeds



CS-275



FK350



STOCK NUMBER	414226	414227	414214	414217
Model Number	CS-275	CS-315	J-FK350-2K	J-FK350-4K
CUTTING CAPACITY FOR TUBING				
Round at 90° (in.)	3-5/16	3-1/2	4-1/2	4-1/2
Round at 45° (in.)	3-5/16	3-1/2	3-1/2	3-1/2
Square at 90° (in.)	2-1/2 x 2-1/2	3-1/4 x 3-1/4	4-1/4	4-1/4
Square at 45° (in.)	2-1/4 x 2-1/4	2-5/8 x 2-5/8	3-1/2	3-1/2
Rectangle at 90° (in.)	3 x 2	4 x 3-1/4	5-1/2 x 3-3/4	5-1/2 x 3-3/4
Rectangle at 45° (in.)	2-1/4 x 2-5/16	3-1/4 x 2-5/8	3-1/2 x 3-1/2	3-1/2 x 3-1/2
CUTTING CAPACITY FOR SOLID				
Round at 90° (in.)	3-1/3	3-1/2	2	2
Round at 45° (in.)	3-1/3	3-1/2	1-3/4	1-3/4
Square at 90° (in.)	2-1/2 x 2-1/2	3-1/4 x 3-1/4	2	2
Square at 45° (in.)	2-1/4 x 2-1/4	2-5/8 x 2-5/8	1-3/4	1-3/4
Blade Size (mm)	275 x 32 x 2	315 x 32 x 2	350 x 32 x 2.5	350 x 32 x 2.5
Blade Speeds (RPM)	54, 108	52, 104	44, 88	44, 88
Maximum Vise Opening (in.)	4	4-3/4	6	6
Motor	1.5HP, 230V, 3Ph	2HP, 230V, 3Ph	2HP, 230V, 3Ph	2HP, 460V, 3Ph
Floor Space required (in./ L x W x H)	38 x 37 x 64	39 x 37 x 69	50 x 28 x 60	50 x 28 x 60
Net Weight (lbs.)	350	390	794	794

SAWING

NON-FERROUS HIGH SPEED MANUAL COLD SAWS



FEATURES

- Double self-centering vise for burr-free cuts
- Capable of slotting
- Mitering capabilities – stops at 90°, 45° left and 45° right
- Two cutting speeds
- Includes one high speed NF 350mm blade (579052)

STANDARD EQUIPMENT

- Integral flood-style coolant system
- 30" material length stop
- Safety guards

STOCK NUMBER	414203	414207
Model Number	CK350-2K	CK350-4K
CUTTING CAPACITY FOR TUBING		
Round at 90° (in.)	4-1/2	4-1/2
Round at 45° (in.)	3-1/2	3-1/2
Square at 90° (in.)	4-1/4 x 4-1/4	4-1/4 x 4-1/4
Square at 45° (in.)	3-1/2 x 3-1/2	3-1/2 x 3-1/2
Rectangle at 90° (in.)	5-1/2 x 3-3/4	5-1/2 x 3-3/4
Rectangle at 45° (in.)	3-1/2 x 3-1/2	3-1/2 x 3-1/2
CUTTING CAPACITY FOR SOLID		
Round at 90° (in.)	3	3
Round at 45° (in.)	2-1/2	2-1/2
Square at 90° (in.)	3 x 3	3 x 3
Square at 45° (in.)	2-1/2 x 2-1/2	2-1/2 x 2-1/2
Blade Size (mm.)	350 x 32 x 3.4	350 x 32 x 3.4
Blade Speeds (RPM)	1,750, 3,500	1,750, 3,500
Maximum Vise Opening (in.)	6	6
Motor	2HP, 230V, 3Ph	2HP, 460V, 3Ph
Floor Space Required (in./L x W x H)	25 x 52 x 73	25 x 52 x 73
Net Weight (lbs.)	683	683



414203

JET

SAWING ACCESSORIES & HELPFUL TIPS

CARBIDE TIPPED COLD SAW BLADES

FOR NON-FERROUS MATERIALS

- All of the carbide blades are three tooth precision tungsten carbide cutting style blades
- They are for general purpose applications
- The 84 teeth blade is for use on medium size solids and extrusions
- The 108 teeth blade is for use on small size solids, tubing and small size extrusions
- These blades are for use on CK High Speed Cold Saws only

90
DAY
WARRANTY



STOCK NUMBER	DESCRIPTION
579062	350 - 3.4 - 32 / 84 teeth
579064	350 - 3.4 - 32 / 108 teeth

JET STRIVES TO MAKE YOUR JOB EASIER, BY PROVIDING YOU WITH SOME HELPFUL INFORMATION ON COLD SAWS

One of the advantages of using a cold saw is that the metal and the blade remain relatively cool during the cutting action. This is due to the way that the cutting takes place. The design of the blade allows the cutting to focus on the chips created during the action. The chips act as a buffer while not interfering with the cutting action. As a result, the chips tend to collect the heat generated by the cutting. This leaves both the blade and the metal at a lower temperature.

As part of the support for the cutting to the chips that is created with the configuration of the blade teeth, a cold saw is usually used in conjunction with some type of flood coolant system that allows liquid to run over the blade during use. This action helps to further cool the blade during use and also aids in minimizing dust and sparks during the cutting action.

JET brings you Ferrous saws in bench top and floor models 225mm up to 350mm and Non-Ferrous in 350mm to enable your shop to deliver meticulous results cut after cut.

- To ensure quality cutting and blade life in mild steel cutting speed should be approximately 100 to 125 SFM
- When cutting Stainless Steel it is recommended to increase the teeth by x1.2
- When cutting Non-ferrous materials it is recommended to decrease the teeth needed by x.75
- When cutting Solids the tooth configuration is different from tube or pipe but cutting speeds are usually the same.

REFERENCE PAGE 30 TO CHOOSE THE CORRECT BLADE FOR YOU SAW >

SAWING

CHOOSING THE CORRECT COLD SAW BLADE

BLADE DIAMETER - METRIC (NORMAL INCH)

TUBE DIAMETER	WALL THICKNESS	225 (9")	250 (10")	275 (10-3/4")	300 (12")	315 (12-1/2")	350 (14")	401 (16")
1/2"	.030"-.090"	220	240	280	300	300	320	340
1/2"	.090"-.150"	200	220	240	280	280	300	320
1"	.030"-.060"	220	240	280	300	300	320	340
1"	.060"-.090"	220	220	240	280	280	300	320
1"	.090"-.150"	180	220	220	240	240	280	300
1-1/2"	.030"-.060"	220	240	260	300	300	320	340
1-1/2"	.060"-.090"	200	220	240	280	280	300	320
1-1/2"	.090"-.150"	180	200	220	240	240	280	300
1-1/2"	.150"-.250"	140	160	180	200	220	220	240
2"	.030"-.060"	240	260	280	300	300	320	340
2"	.060"-.090"	180	200	220	240	240	280	320
2"	.090"-.180"	140	160	180	220	220	220	300
2"	.180"-.300"	120	140	160	180	180	200	240
2"	.300"-.500"	100	110	120	140	140	160	180
2-1/2"	.030"-.060"	240	260	280	300	300	320	340
2-1/2"	.060"-.090"	200	220	240	260	260	280	300
2-1/2"	.090"-.150"	180	180	180	200	200	220	240
2-1/2"	.150"-.250"	120	140	160	180	180	200	220
2-1/2"	.250"-.400"	100	110	120	140	140	160	180
2-1/2"	.400"-.500"	90	100	110	120	120	140	160
3"	.030"-.060"	-	-	280	300	300	320	340
3"	.060"-.090"	-	-	240	260	260	280	300
3"	.090"-.150"	-	-	180	200	200	220	240
3"	.150"-.250"	-	-	160	180	180	200	220
3"	.150"-.250"	-	-	120	140	140	160	180
3"	.250"-.400"	-	-	100	120	120	140	160
3-1/2"	.030"-.060"	-	-	-	300	300	320	340
3-1/2"	.060"-.090"	-	-	-	260	260	280	300
3-1/2"	.090"-.150"	-	-	-	200	200	220	240
3-1/2"	.150"-.250"	-	-	-	180	180	200	220
3-1/2"	.150"-.250"	-	-	-	140	140	160	180
3-1/2"	.250"-.400"	-	-	-	120	120	140	160

FOR STAINLESS STEEL: RECOMMENDED TEETH X 1.2 APPROXIMATELY :: FOR NON-FERROUS MATERIALS: RECOMMENDED TEETH X .75 APPROXIMATELY



BLADE DIAMETER - METRIC (NORMAL INCH)

SOLID DIAMETER	225 (9")	250 (10")	275 (10-3/4")	300 (12")	315 (12-1/2")	350 (14")	401 (16")
1/4"-3/4"	180	180	200	220	220	280	320
3/4"-1-1/4"	120	120	140	180	180	220	240
1-1/4"-1-3/4"	100	100	120	140	140	180	200
1-3/4"-2-1/4"	80	80	100	120	120	120	140
2-1/4"-2-3/4"	60	60	70	80	80	80	90
2-3/4"-3-1/2"	60	60	60	80	-	-	-

J E T



WARRANTY AND SERVICE

WARRANTY AND SERVICE

Walter Meier (Manufacturing) Inc., warrants every product it sells. If one of our tools needs service or repair, one of our Authorized Service Centers located throughout the United States can give you quick service. In most cases, any of these Walter Meier Authorized Service Centers can authorize warranty repair, assist you in obtaining parts, or perform routine maintenance and major repair on your JET tools. For the name of an Authorized Service Center in your area call **1-800-274-6848**.

MORE INFORMATION

Walter Meier is consistently adding new products to the line. For complete, up-to-date product information, check with your local Walter Meier distributor, or visit jettools.com

WARRANTY

JET products carry a limited warranty which varies in duration based upon the product.



- Metalforming
- Mill/Drills
- Milling Machines
- MW Bandsaws
- MW Drill Presses
- MW Finishing Equipment
- MW Lathes



- Lathe Accessories
- Machine Accessories

WHAT IS COVERED?

This warranty covers any defects in workmanship or materials subject to the exceptions stated below. Cutting tools, abrasives and other consumables are excluded from warranty coverage.

WHO IS COVERED?

This warranty covers only the initial purchaser of the product.

WHAT IS THE PERIOD OF COVERAGE?

The general JET warranty lasts for the time period specified in the product literature of each product.

HOW TO GET SERVICE

The product or part must be returned for examination, postage prepaid, to a location designated by us. For the name of the location nearest you, please call **1-800-274-6848**.

You must provide proof of initial purchase date and an explanation of the complaint must accompany the merchandise. If our inspection discloses a defect, we will repair or replace the product, or refund the purchase price, at our option.

We will return the repaired product or replacement at our expense unless it is determined by us that there is no defect, or that the defect resulted from causes not within the scope of our warranty in which case we will, at your direction, dispose of or return the product. In the event you choose to have the product returned, you will be responsible for the shipping and handling costs of the return.

HOW STATE LAW APPLIES

This warranty gives you specific legal rights; you may also have other rights which vary from state to state.

LIMITATIONS ON THIS WARRANTY

WALTER MEIER LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG THE IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. WALTER MEIER SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

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