

A man wearing safety glasses and gloves is using a JET bench grinder in a workshop. The machine is white with a red sanding wheel and has the JET logo on top. The background is a brick wall with a red hose coiled on the right. The floor is made of diamond-plate metal.

JET

FINISHING

EMPOWERING SHOP PERFORMANCE

JETTOOLS.COM



JET®

FINISHING

For a high-quality finish every time, experts rely on JET grinders, sanders and finishing machines. Because your complete satisfaction is our main objective, every JET Bench Grinder, Sander and Finishing machine are built to last and exceed your expectations. Professionally-written manuals enable more efficient use, and every JET machine is backed by our industry-leading TWO-year warranty.

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THE JET ADVANTAGE



DEPTH AND BREADTH OF LINE

JET offers a range of finishing machines including bench grinders, belt and disc sanders and chamfering machines. Every machine you'll need to professionally finish each work piece.



QUALITY

JET finishing machines are built and tested to tight tolerance standards to insure consistent quality.



INNOVATIVE PRODUCTS

JET's Square Wheel Grinder, and still made in the USA can do both grinding and finishing on flat and angular stock, does shaping, roughing and contouring all on one machine!



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 15.



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.

FINISHING OVERVIEW

JET STRIVES TO MAKE YOUR JOB EASIER, BY PROVIDING YOU WITH SOME BASIC AND HELPFUL INFORMATION ON ALL OF OUR FINISHING PRODUCTS.

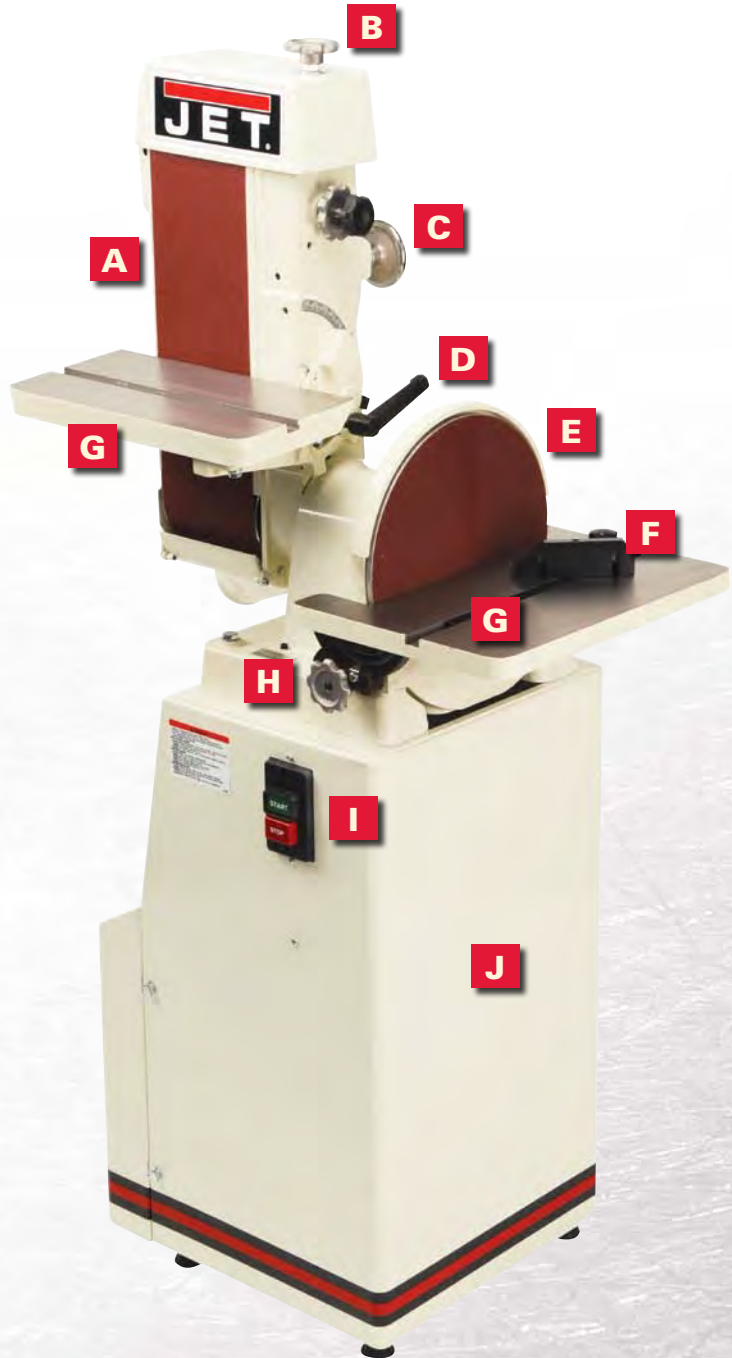
FINISHING MACHINES APPLICATIONS

Belt grinding is a versatile process suitable for all kinds of different applications. There are three different applications of the belt grinding technology:

- 1 Finishing: surface roughness, removal of micro burrs, cosmetic finishes, polishing
- 2 Deburring: radiusing, burr removal, edge breaking
- 3 Stock removal: high stock removal, cleaning (e.g. of corrosion), eliminating mill or tool marks, dimensioning

CHANGING VARIABLES

There are several objectives possible for grinding with coated abrasives. Among them are the right application (e.g. finish or stock removal), time saving and efficiency of the abrasive tool. To achieve the above objectives, it is essential to look in more detail to the variables, which affect them. These include the work material properties, the grit and abrasive type of the grinding belt, belt speed, belt sequences, contact wheel hardness and diameter, serration, type of lubricant (or dry) and grinding pressure. Changing these variables will affect the performances of the belt grinding process.



- A** Sanding Belt
- B** Top Cover Lock Knob
- C** Belt Adjustment Knob
- D** Variable Position Locks
- E** Sanding Disc
- F** Miter Gauge
- G** Cast Iron Tilting Tables
- H** Table Locking Knob
- I** On/Off Switch
- J** Heavy Duty One Piece Metal Stand

JET OFFERS OVER 28 DIFFERENT FINISHING MACHINES IN DIFFERENT SIZES, STYLES AND MANY DIFFERENT VOLTAGES BUT EASILY BREAKS DOWN TO 4 DIFFERENT TYPES.

Refer to category summary below.



BENCH GRINDER



BELT AND DISC



DISC



BELT AND CHAMFERING

FINISHING

BENCH GRINDERS

Delivering work power and pristine finishes to shops where work space may be at a premium. Cast iron JET Bench Grinders are built to withstand the high-volume demands of even the busiest shops. Grind, sharpen, and smooth all on the same machine with equal precision and flawless results.



INDUSTRIAL BENCH GRINDER

FEATURES

- UL listed
- Totally enclosed pre-lubricated ball bearings
- Heavy-duty guarded toggle switch on 8" and 10"
- Rubber mounts prevent movement

STANDARD EQUIPMENT

- Cast iron wheel guards and dust vents
- One-piece quick adjusting spark guards
- Large eye shields with quick adjustment
- Adjustable tool rests
- Fine and coarse vitrified grinding wheels included



577101

STOCK NUMBER	577101	577102	577103
Model Number	JBG-6A	JBG-8A	JBG-10A
Shaft Diameter (in.)	1/2	5/8	1
Wheel Diameter (dia. x W/in.)	6 x 3/4	8 x 1	10 x 1
Wheel Speed (RPM)	3,450	3,450	1,725
Wheel Grits	36/60	36/60	24/46
Motor	1/2HP, 115V, 1Ph	1HP, 115V, 1Ph	1-1/2HP, 115V, 1Ph
Overall Dimensions (in./ L x W x H)	17 x 10 x 9	19 x 12 x 11	25 x 16 x 15
Net Weight (lbs.)	38	60	110

PEDESTAL STAND FOR BENCH GRINDERS

FEATURES

- Heavy-duty cast iron construction provides strength and durability
- Wide stance base gives you a stable grinder workstation
- Coolant tank and tool tray are on an adjustable platform for your convenience
- Compatible with all JET Bench Grinders

STOCK NUMBER	577172
Model Number	JPS-2A
Mounting Surface (in./ L x W)	11 x 10
Overall Dimensions (in./ L x W x H)	31 x 21 x 5
Net Weight (lbs.)	52



1" x 42" BENCH BELT AND DISC SANDER

FEATURES

- Deluxe miter gauge turns and locks for common angles 45° left and right
- Removable platen allows for sanding, grinding or finishing of outside curves or odd shaped work pieces on the belt
- Hinged idler wheel cover
- Abrasive belt unit does the work of a jig-saw, coping saw or hand file while removing material and finishing at the same time, allows the operator to get into small openings plus handle odd shapes and angles

STANDARD EQUIPMENT

- Deluxe miter gauge
- Cast iron tilting table
- Cast construction
- Heavy duty steel base and rubber feet
- Removable platen
- Adjustable dust deflector and dust chute



STOCK NUMBER	577003
Model Number	J-4002
Disc Speed (RPM)	1,725
Belt Size (in./W x L)	1 x 42
Belt Speed (SFPM)	3,000
Disc Table Size (in.)	4 x 10
Table Slots (in.)	5/8
Disc Table Tilt (deg.)	45 out
Motor	1/3HP, 115VAC, 1Ph
Overall Dimensions (in./ L x W x H)	21 x 22 x 14
Net Weight (lbs.)	62



2" x 42" BENCH BELT AND 8" DISC SANDER

FEATURES

- Deluxe miter gauge that turns and locks for common angles, 45° both left and right
- Allows for sanding, grinding or finishing of outside, curves or odd shaped work pieces on the belt
- Hinged idler wheel cover
- Abrasive belt unit does the work of a jig saw, coping saw or hand file while removing material and finishing at the same time, allows the operator to get into small openings, plus handle odd shapes and angles

STANDARD EQUIPMENT

- Deluxe miter gauge
- Cast iron tilting table
- Cast construction
- Heavy duty steel base and rubber feet
- Removable platen
- Dust deflector and chute



STOCK NUMBER	577004
Model Number	J-41002
Disc Speed (RPM)	3,450
Belt Size (in./W x L)	2 x 42
Belt Speed (SFPM)	3,100
Disc Table Size (in.)	10-3/4 x 7-1/2
Disc Table Tilt (deg.)	45
Motor	3/4HP, 115V, 1Ph
Overall Dimensions (in./L x W x H)	20-1/2 x 22-3/4 x 20
Net Weight (lbs.)	60



BELT AND DISC SANDERS

High-speed precision that conforms to curves, variable speed operation for command and control at all times and confidence that JET Square Wheel Grinders, and combination Sanders and Chamfering Machines will perform at the flip of a switch.



6" x 48" BELT AND 10" DISC SANDER

FEATURES

- Two cast iron tilting tables for mitering applications
- Quick-release tension mechanism makes belt changes quick and easy
- Enclosed base protects motor from sanding dust
- 6" x 48" Belt
- 10" Disc
- Full access to the belt when tilted in the horizontal position
- Dust collection shrouds on belt and disc
- Removable safety key switch
-

STANDARD EQUIPMENT

- Miter gauge
- Heavy-duty one piece steel stand



STOCK NUMBER	414550K
Model Number	J-4210K
Disc Speed (RPM)	2,100
Belt Size (in./W x L)	6 x 48
Belt Speed (SFPM)	1,650
Disc Table Size (L x W/in.)	7-1/2 x 13
Table Slots (in.)	5/8
Disc Table Tilt (deg.)	45 out
Motor	1HP, 115V, 1Ph
Overall Dimensions (in./ L x W x H)	23 x 26 x 61
Net Weight (lbs.)	170



INDUSTRIAL COMBINATION BELT AND DISC FINISHING MACHINE

2
YEAR
WARRANTY

FEATURES

- Belt operates at any angle
- Powered by a heavy duty 1-1/2HP TEFC motor
- Fully machined, balanced disc runs vibration free
- Contour finishing, mitering, flat finishing, beveling and precision finishing
- Plain and compound miters are easily obtained by using the standard die cast aluminum miter gauge

STANDARD EQUIPMENT

- Removable upper guard for contour finishing
- Completely enclosed drums and a guarded sanding belt
- Adjustable heavy duty cast iron removable platen
- Variable position locks, belt head adjusts vertically, horizontally and in between
- Large cast iron slotted table
- Adjustable dust collector and dust chute
- Heavy duty one piece steel stand



414551



Contour Finishing, Mitering, Flat Finishing, Beveling and Precision Finishing

STOCK NUMBER	414551	414552	414553
Model Number	J-4200A	J-4200A-2	J-4202A
Disc Speed (RPM)	1,960	1,960	1,960
Belt Size (in./W x L)	6 x 48	6 x 48	6 x 48
Belt Speed (SFPM)	2,850	2,850	2,850
Disc Table Size (in./L x W)	12 x 16-3/8	12 x 16-3/8	12 x 16-3/8
Table Slots (in.)	3/8 x 3/4	3/8 x 3/4	3/8 x 3/4
Disc Table Tilt (deg.)	45° out and 20° in	45° out and 20° in	45° out and 20° in
Motor	1-1/2HP, 115V, 1Ph	1-1/2HP, 230V, 1Ph	1-1/2HP, 230V, 3Ph
Overall Dimensions (in./ L x W x H)	26 x 19 x 58	26 x 19 x 58	26 x 19 x 58
Net Weight (lbs.)	250	250	250

FINISHING

6" INDUSTRIAL BELT FINISHING MACHINE

2
YEAR WARRANTY

FEATURES

- Table tilts 45° out and 20° in for all angle finishing operations
- Completely enclosed drums and a guarded sanding belt
- Variable position locks, belt head adjusts vertically, horizontally and in between
- Adjustable dust deflector for and dust chute
- Fine thread adjustment for simple and easy belt tracking
- Plain and compound miters are easily obtained by using the standard diecast aluminum miter gauge
- Will handle virtually all the finishing operations in a production line
- Adjustable heavy duty cast iron removable platen
- Removable upper guard for contour finishing

STANDARD EQUIPMENT

- Miter gauge
- Heavy duty one piece steel stand



414600

STOCK NUMBER	414600	414601
Model Number	J-4300A	J-4301A
Belt Size (in./ W x L)	6 x 48	6 x 48
Belt Speed (SFPM)	2,850	2,850
Belt Table Size (in.)	7-3/8 x 14-3/4	7-3/8 x 14-3/4
Belt Table Tilt (deg.)	45° out and 20° in	45° out and 20° in
Platen (in./L x W)	6-1/4 x 14-3/4	6-1/4 x 14-3/4
Motor	1-1/2HP, 115/230V, 1Ph, Prewired 115V	1-1/2HP, 230V, 3Ph
Overall Dimensions (in./ L x W x H)	26 x 19 x 58	26 x 19 x 58
Net Weight (lbs.)	215	215

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2" x 72" SQUARE WHEEL BELT GRINDER

JET's multipurpose Square Wheel Grinder is the only finishing machine you'll ever need or want. This easy to operate versatile grinder provides fast, efficient grinding and finishing all in one machine

FEATURES

- **Flat & Angular Stock:** Platen setting is the perfect angle for high speed, precision flat and level grinding
- **Shaping:** For grinding, and refinishing cylindrical shapes. Yoke surface conforms to shape of the surface to produce an even, smooth finish
- **Roughing:** Serrated contact wheel is used for removing heavy stock, cleaning up a weld or snagging a casting
- **Contouring:** Grind difficult to reach areas with the 3" x 2" or 1-1/2" x 2" diameter contact wheels



STOCK NUMBER	577000
Model Number	J-4103
Belt Size (in./ W x L)	2 x 72
Belt Speed (SFPM)	4,600
Contact Wheel Diameter (in.)	8 x 2; 3 x 2; 1-1/2 x 2
Contact Wheel Durometer	70
Motor	1HP, 115/230V, 1Ph, Prewired 115V
Overall Dimensions (in./ L x W x H)	17 x 31 x 17
Net Weight (lbs.)	163

2" x 72" VARI-SPEED SQUARE WHEEL GRINDER

FEATURES

- Infinite variable speeds 1100 to 6,000 SFPM
- Latest AC Inverter variable speed technology
- Continuous speed adjustment while in operation
- Easy to view SFPM readout



STOCK NUMBER	577001
Model Number	J-4126AC
Belt Size (in./W x L)	2 x 72
Belt Speed (SFPM)	1,100 - 6,000
Contact Wheel Diameter (in.)	8
Contact Wheel Durometer	70
Motor	1HP, 115V, 1Ph, AC Inverter
Overall Dimensions (in./ L x W x H)	17 x 31 x 17
Net Weight (lbs.)	163

FINISHING

12" INDUSTRIAL DISC FINISHING MACHINE



FEATURES

- Optimum speed of 1,960 RPM, which is ideal for both metal and wood finishing
- Fully machined, balanced disc runs vibration free
- Easy to read scale shows exact degree of table tilt
- Plain and compound miters are easily obtained by using the standard die-cast aluminum miter gauge
- Large cast iron slotted table

STANDARD EQUIPMENT

- Miter gauge
- Heavy duty one piece steel stand

STOCK NUMBER	414602	414603
Model Number	J-4400A	J-4401A
Disc Diameter (in.)	12	12
Disc Speed (RPM)	1,960	1,960
Disc Table Size (in./ L x W)	12 x 16-3/8	12 x 16-3/8
Table Slots (in.)	3/8 x 3/4	3/8 x 3/4
Disc Table Tilt (deg.)	45° out and 20° in	45° out and 20° in
Motor	1-1/2HP, 115/230V, 1Ph, Prewired 115V	1-1/2HP, 230/460V, 3Ph, Prewired 230V
Overall Dimensions (in./ L x W x H)	16 x 19 x 43	16 x 19 x 43
Net Weight (lbs.)	175	175



414602



20" DISC SANDER

FEATURES

- Extra large tilting table lowers completely below disc for use of the entire disc surface
- Tilting table capability adds flexibility of 45° forward and 15° backward on positive lock rack and gear

STANDARD EQUIPMENT

- Direct drive motor
- Low voltage protection switch
- Rigid column and heavy duty base
- Miter gauge
- Wrap-over guard for added safety



STOCK NUMBER	577010	577011
Model Number	J-4421-2	J-4421-4
Disc Diameter (in.)	20	20
Disc Speed (RPM)	1,725	1,725
Disc Table Size (in./ L x W)	27-1/2 x 10-1/2	27-1/2 x 10-1/2
Table Slots (in.)	3/8 x 3/4	3/8 x 3/4
Disc Table Tilt (deg.)	45° out, 15° in	45° out, 15° in
Motor	3HP, 220V, 3Ph	3HP, 460V, 3Ph
Overall Dimensions (in./ L x W x H)	30 x 28 x 53	30 x 28 x 53
Net Weight (lbs.)	400	400



577010

FINISHING

BELT AND CHAMFERING MACHINE

FEATURES

- Removable upper guard for contour finishing
- Easily adjustable chamfering machine manages additional finishing jobs such as beveling, deburring on flats and squares of ferrous and non-ferrous materials
- Precision chamfer, bevel or deburr easily
- Chamfer angles from 15° to 45°
- Contour finishing, mitering, flat finishing just to name a few applications
- Will handle virtually all the finishing operations in a production line
- Variable position locks, belt head adjusts vertically, horizontally and in between
- Large cast iron slotted table
- Adjustable dust deflector and dust chute
- Easily adjustable depth of cut
- The cutter head has 8 easy to change inserts and combined with an adjustable depth of cut and angle of cut capacity, can deliver accurate finishes on a repetitive basis

STANDARD EQUIPMENT

- Miter gauge
- Heavy duty one piece stand
- 3 cutter head with replaceable inserts
- Cast iron V table



STOCK NUMBER	414604	414605
Model Number	J-4500	J-4501
Belt Size (in./ W x L)	6 x 48	6 x 48
Belt Speed (SFPM)	2,850	2,850
Belt Table Size (in./ L x W)	7-3/8 x 14-3/4	7-3/8 x 14-3/4
Belt Table Tilt (deg.)	45° out and 20° in	45° out and 20° in
Platen (in.)	6-1/4 x 14-3/4	6-1/4 x 14-3/4
Minimum Length of Work Piece (in.)	3.5	3.5
Max. Cut at 45°	1/4	1/4
Max. Cut at 15°	3/16	3/16
Bevel Angle (deg.)	15 - 45	15 - 45
Motor	1-1/2HP, 115/230V, 1Ph, Prewired 115V	1-1/2 HP, 230V, 3Ph
Overall Dimensions (in./ L x W x H)	26 x 19 x 58	26 x 19 x 58
Net Weight (lbs.)	250	250

J E T

The JET logo features the letters 'JET' in a bold, black, sans-serif font. Above the letters is a thick red horizontal bar. The logo is set against a light gray rectangular background.

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.

A graphic icon for a 2-year warranty. It features a large white number '2' on a black square background. To the right of the square is a vertical white bar with the word 'WARRANTY' written vertically. Below the square is a red horizontal bar with the word 'YEAR' in white.

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

A graphic icon for a 90-day warranty. It features a large white number '90' on a black square background. To the right of the square is a vertical white bar with the word 'WARRANTY' written vertically. Below the square is a red horizontal bar with the word 'DAY' in white.

- 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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