

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Van Mark](#) /

› [Van Mark Industrial Metal Master 20 EZ Industrial Brakes with Stand - 60 Series \(12ft. 6in.\) User Manual](#)

Van Mark IM1265

Van Mark Industrial Metal Master 20 EZ Industrial Brakes with Stand - 60 Series (12ft. 6in.) User Manual

Model: IM1265

INTRODUCTION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Van Mark Industrial Metal Master 20 EZ 60 Series Industrial Brake. This updated model features new C Castings, offering increased durability and strength compared to the 50 series, resulting in a lighter yet stronger aluminum bending brake that requires fewer adjustments over time. Designed for precision, this industrial siding brake facilitates a wide range of bending tasks, from "W" style valley-pan bends to soffits, roof flashing, wide hip and ridge caps, and HVAC ductwork.

SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before operating the brake. Failure to follow these instructions may result in serious injury or property damage. Keep hands and clothing clear of moving parts. Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.

- Ensure the brake is securely placed on a stable, level surface or properly mounted on its stand before use.
- Inspect the brake for any damage or loose components before each operation.
- Do not exceed the maximum material bending capabilities specified in the specifications section.
- Keep the work area clean and well-lit.
- Only trained personnel should operate this equipment.

SETUP

The Van Mark Industrial Metal Master 20 EZ is designed for straightforward setup. Follow these steps to prepare your brake for operation:

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts are present according to the packing list.
2. **Stand Assembly:** Assemble the stand components as per the separate stand assembly instructions (if applicable). Ensure all fasteners are tightened securely.
3. **Brake Mounting:** Mount the brake onto the assembled stand. The brake features a locking handle with a quick release mechanism for easy transportation and secure positioning. Engage the quick release to position the brake, then lock it into

place.

4. **Cam Lock System:** Familiarize yourself with the Cam Lock System, which utilizes an ultra-high molecular weight polyethylene wedge. This system is crucial for consistent clamping pressure and precise bends. Ensure the cam locks engage smoothly and firmly.
5. **Initial Inspection:** Before first use, perform a thorough visual inspection of the brake. Check for any shipping damage, loose bolts, or obstructions.

OPERATING INSTRUCTIONS

Operating the Industrial Metal Master 20 EZ involves precise material handling and bending techniques. This brake is equipped with a 20-inch throat depth, allowing for efficient and accurate bends across the entire length of the material.

1. **Material Preparation:** Measure and cut your material to the desired dimensions. Ensure edges are clean and free of burrs.
2. **Material Insertion:** Carefully slide the material into the brake, positioning it against the back gauge for the desired bend line.
3. **Clamping:** Engage the clamping mechanism using the ergonomic handles. The Power Lock system is designed to produce crisp bends without causing oil canning or warping of the material. Ensure the material is securely clamped along its entire length.
4. **Bending:** Apply even pressure to the bending handle to form the desired angle. The brake's design allows for a variety of complex bends, including "W" style valley-pan bends, soffits, roof flashing, wide hip and ridge caps, and HVAC duct and plenum work.
5. **Release:** Once the bend is complete, release the clamping mechanism and carefully remove the bent material.

Refer to the specifications section for detailed information on maximum material thickness and types of materials that can be bent.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Van Mark Industrial Metal Master 20 EZ brake. The new 60 Series C Castings are designed for enhanced durability, being 15% lighter and 20% stronger than previous models, contributing to a longer lifespan and reduced need for fine-tuning.

- **Cleaning:** After each use, clean the brake surfaces, especially the bending and clamping areas, to remove metal shavings, dust, and debris. Use a soft cloth and a mild cleaner if necessary.
- **Lubrication:** Periodically apply a light lubricant to pivot points and moving parts as recommended by Van Mark to ensure smooth operation. Avoid over-lubrication.
- **Inspection:** Regularly inspect all bolts, nuts, and fasteners for tightness. Check the condition of the Cam Lock System's polyethylene wedge for wear. Replace any worn or damaged parts immediately.
- **Storage:** When not in use, store the brake in a clean, dry environment to prevent corrosion and damage.

TROUBLESHOOTING

This section addresses common issues you might encounter during the operation of your Industrial Metal Master 20 EZ brake.

- **Inconsistent Bends:**
 - Ensure the material is fully seated against the back gauge.
 - Verify that the clamping mechanism is engaged evenly and securely across the entire length of the material.
 - Check for any debris on the clamping surface or bending edge.
- **Material Slipping:**
 - Confirm the Cam Lock System is properly engaged and providing sufficient clamping pressure.
 - Inspect the polyethylene wedge for wear; a worn wedge may reduce clamping effectiveness.

• **Difficulty in Bending:**

- Ensure the material thickness and type are within the specified bending capabilities (refer to the Specifications section).
- Check for proper lubrication of moving parts.

If issues persist, contact Van Mark customer support for assistance.

SPECIFICATIONS

The following table details the specifications and material bending capabilities for the Van Mark Industrial Metal Master 20 EZ (IM1265) model. This information is crucial for ensuring proper operation and avoiding damage to the equipment or material.



	TRIM-A-BRAKE	MARK I CONTRACTOR	MARK I HD RESIDENTIAL	TRIM MASTER MARK II CONTRACTOR	TRIM MASTER MARK II RESIDENTIAL	METAL MASTER CONTRACTOR	METAL MASTER HD RESIDENTIAL	INDUSTRIAL TRIM MASTER	INDUSTRIAL METAL MASTER 20
Price	\$	\$\$	\$\$\$	\$\$	\$\$\$	\$\$\$	\$\$\$\$	\$\$\$\$\$	\$\$\$\$\$
2'	T200	M2	x	TM2	x	MM260	x	x	x
4'	x	x	x	x	x	x	x	x	x
4'-6"	T450	M4	x	TM4	x	MM460	x	x	x
6'	x	x	x	x	x	x	x	x	x
6'-6"	T650	M6	M6HD	TM6	TM6HD	MM660	MM661	IT6	IM665
8'-6"	T850	M8	M8HD	TM8	TM8HD	MM860	MM861	IT8	IM865
10'-6"	T1050	M10	M10HD	TM10	TM10HD	MM1060	MM1061	IT10	IM1065
12'-6"	T1250	M12	M12HD	TM12	TM12HD	MM1260	MM1261	IT12	IM1265
14'-6"	x	x	M14HD	x	TM14HD	x	MM1461	IT14	IM1465
Throat Depth	13"	14"	14"	14"	14"	20"	20"	14"	20"
Bends Vinyl	<input checked="" type="checkbox"/>								
Bends Zinc	x	0.032"	0.040"	0.032"	0.040"	0.040"	0.040"	0.050"	0.050"
Bends Soft Aluminum*	0.024"	0.027"	0.032"	0.027"	0.032"	0.032"	0.032"	0.05"	0.05"
Bends Galvanized Steel*	x	29 Ga.	24 Ga.	29 Ga.	24 Ga.	24 Ga.	24 Ga.	20 Ga.	20 Ga.
Bends Copper*	x	24 oz.	32 oz.	24 oz.	32 oz.	32 oz.	32 oz.	36 oz.	36 oz.
Bends Painted Galvanized Steel*	x	29 Ga.	26 Ga.	29 Ga.	26 Ga.	26 Ga.	26 Ga.	20 Ga.	20 Ga.
Bends Stainless Steel*	x	29 Ga.	26 Ga.	24 Ga.	24 Ga.				
Hemming	x	<input checked="" type="checkbox"/>							
Warranty	1 Year								

Prices Based On 10'6" Sizes: \$=Less Than \$1,500 | \$\$=Less Than \$2,000 | \$\$\$=Less Than \$2,500 | \$\$\$\$=Less Than \$3,000 | \$\$\$\$\$=Over \$3,000 | *Maximum Bending Capability **Manufacture's Warranty

Image: Van Mark Brake Comparison Table. This table provides a detailed comparison of various Van Mark brake models, including the Industrial Metal Master 20, outlining their price range, available sizes, throat depth, and material bending capabilities for vinyl, zinc, soft aluminum, galvanized steel, copper, painted galvanized steel, and stainless steel, as well as hemming capability and warranty information.

Feature	Specification
Model	IM1265
Size	12ft. 6in.
Manufacturer	Van Mark
Part Number	IM1265
Throat Depth	20 inches
Bends Vinyl	Yes

Feature	Specification
Bends Zinc	Up to 0.050 inches
Bends Soft Aluminum	Up to 0.05 inches
Bends Galvanized Steel	Up to 20 Gauge
Bends Copper	Up to 36 oz.
Bends Painted Galvanized Steel	Up to 20 Gauge
Bends Stainless Steel	Up to 24 Gauge
Hemming Capability	Yes

Note: Maximum bending capabilities are subject to material quality and specific bending conditions. Always perform test bends on scrap material when working with new material types or thicknesses.

WARRANTY

The Van Mark Industrial Metal Master 20 EZ (IM1265) comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the official Van Mark warranty documentation or contact customer support.

CUSTOMER SUPPORT

For technical assistance, parts, or warranty inquiries, please contact Van Mark customer support. Provide your model number (IM1265) and date of purchase when contacting support to expedite service.

Van Mark Manufacturing

www.van-mark.com

(Specific contact details like phone number or email are not provided in the product data. Please refer to the official Van Mark website for the most current contact information.)