



Machinery for the Woodworking, Stone,
Glass, Plastic, and Metalworking Industries



Date : 04/02/2026 - 12:00 PM *
EXF # : GS-010746
Category : GRINDING & SHARPENING
Brand / Model : MVM "BM 850"
Machine Type : STRAIGHT KNIFE GRINDER
Year of Mfg. : 2026
Condition : Brand New w/Warranty
Elect / Voltage : 230 V, 60 Cy, 3 Ph.
Special Note :

FOB / Region : NORTHEAST
Appr. Repl. Cost. : \$ 10,125
Price : \$ 9,998 *
Comment : Great inexpensive design to sharpen chipper, shavi
Leasing : Lease for \$ 203/Mo. at NCL

	Please ask me
<p>Joe Retzlaff 800-374-5009 ext. 348 Intl. +1 704-841-2001 ext. 348 joe.retzlaff@exfactory.com</p>	

* Pricing is valid at the time of printing and subject to change at any time.

Description :

- **MVM BM 850 Straight Knife Grinder;**
- Grinder for straight knives up to a 33" in length ideal for chipper, shaving, and planer knives.**
- Features:**
- Automatic head travel 11 m/Min (35 FPM)**
- Automatic wheel down feed can be set for per pass and total down feed**
- Grinding Chuck tiltable 0 to 90 degrees**
- Grinding head tiltable +5 to -30 degrees**
- Heavy-duty coolant system with static magnetic filter**
- Mechanical T-Groove chuck for stack grinding of knives with step blocks**
- Head travel guides are covered**

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Head travels on hardened and ground replaceable wear strips

Standard Machine Includes

Heavy Duty machine stand

One 125 mm (5") vitrified cup wheel

One set of blade clamps

Pair of Step Blocks for stacking up to 4 planer knives (1/8" x 40 degrees back angle)

Machine Specifications

Max. Knife Length 850 mm (33")

Chuck to wheel clearance 30 mm (1.2")

Grinding Motor 2 HP

Grinding Wheel Diameter 125 mm (5 ")

Grinding Wheel Bore 16 mm

Chuck Width 90mm (3.5")

Voltage 220V, 3Ph, 60Hz

Weight 190 kg (420 Lbs)

Option available:

● 2-Speed carriage travel motor for an additional ...\$550.00

● Magnetic Chuck MVM-BM-0AMBM00901 ...\$2,500

● T-Slot Device for use with magnetic chucks MVM-2579222110 ...\$ 990

(Allows clamping + stack grinding knives up to 850 mm)

● Variable Carriage Speed (4 to 11 m/Min) MVM-ZX-0001001 ...\$1,600

● 2-Speed Carriage Drive Motor MVM-BM-OLXX001000 ...\$ 550 (13 & 6.5 m/Min)

● Step Blocks for stacking up to (4) planer knives MVM-AF2500-210XX ...\$ 43 ea. (must specify knife thickness and back angle)

● Knife Extension Resting Blocks MVM-BM-2579114100 ...\$165 ea (Allow knives that are wider than the chuck

to be referenced from the back)

● Double Sided Tree Chipper knife fixture ...\$ 850 (Customer must specify knife specs and hole spacing)

Single Phase and High Voltage Power Options:

● 3 HP Rotary Phase Converter (no loss in HP) RPC-3 ...\$ 875

● 480V, 3-Ph, Factory Configuration MVM-SV-1002 ...\$ 875 (Or any other voltage over 400 V – factory only)

● 5-Gallon Soluble Oil Grinding Coolant CS-SO-5 ...\$ 199

(Mixes 30:1 with water so makes 150 gallons of coolant)

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Recommended Grinding Wheels:

- 5" Borazon Wheel 11A2 120 grit C10005-06 ...\$ 175
- 5" Diamond Wheel 11A2 180 grit C10004-06 ...\$ 155
- 5" Diamond Wheel 11A2 320 grit C10034-02 ...\$ 220
- 5" Vitrified Cup Wheel 46 grit MVM-CUP-5-2-16-46G ...\$ 28
- 5" Vitrified Cup Wheel 36 grit MVM-CUP-5-2-16 ...\$ 28

NOTE: Additional grinding wheel grit available.

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EX-FACTORY INC.: 1805 Sardis Road North | Charlotte, NC 28270 USA | Ph +1 704.841.2001 | Fax 704.644.8068
Warehouse & Showroom: 8191 Logistic Drive, Suite E | Zeeland, MI USA | Ph +1 616.772.1520 | Fax 704.644.8328