

# ABRASIVE BELT GRINDER OPERATING & MAINTENANCE INSTRUCTIONS

BULLETIN S-7

**MODELS:** B 2 72-2, B 2 72-3, B 2572-2, B 2572-3, B 3 72-2, B 3 72-3

## SPECIFICATIONS – BASIC UNIT

Motor – 2 HP, 3450 RPM, 3 phase, 60 cycle, 230 volt, 460 volt, 575 volt, Nema Frame size 145T Rated for continuous service.

Push Button type OFF—ON switch. Overload protection enclosed.

Motor Pulley: 6" dia. x 3 1/4" face (2 degree crown).

Abrasive Belt Size: 2", 2 1/2" or 3" wide x 72" long.

Width dependent on model.

Contact Wheel: 6" dia. x 2" face, 2 1/2" face or 3" face. Serrated face.

## LUBRICATION

All bearings (motor and Contact Wheel) are sealed for life type.

Two Alemite fittings ... One on the swivel casting and one on the swing casting ... requires periodic lubrication with a good grade of grease as use dictates, or at least once every three months.

## ADJUSTMENTS

Belt Tracking Knob provides a threaded lateral pivoting adjustment of the spindle for centering or tracking the Abrasive Belt on the Contact Wheel.

Pivot Lock controls the pivot adjustment. To move the Contact Wheel up or down. It can be locked at any point in the arc of travel.

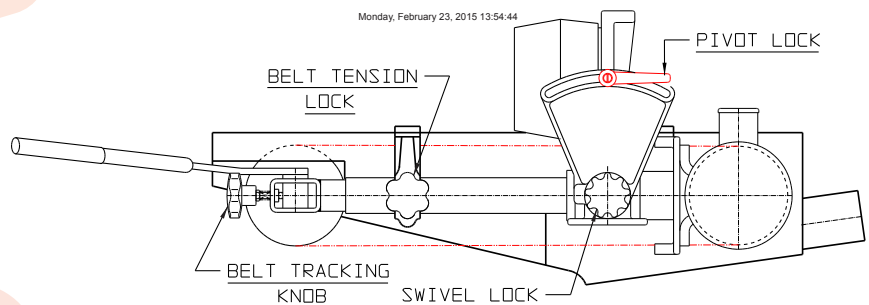
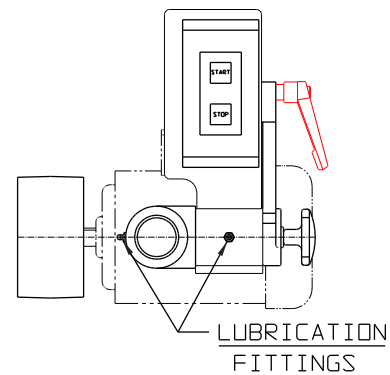
Swivel Lock controls the swivel adjustment. to tip the Contact Wheel radially to left or right. This too can be locked at any point.

Pivot Lock and Swivel Lock may be used independently or in combination.

Belt Tensioning Lock is used to lock out the belt tensioning spring action within the tube when changing Abrasive Belts.

## CAUTION

Be sure all guards are in place with the door closed when operating this equipment, always wear eye protection. When using a Swing Grinder, the operator must have a clear level area on which to stand, and the operator's hands should be kept on the handle bars of the grinder when operated as Swing Grinder. Failure to heed this warning may result in serious injury.



**GRINDING & POLISHING MACHINERY CORPORATION**

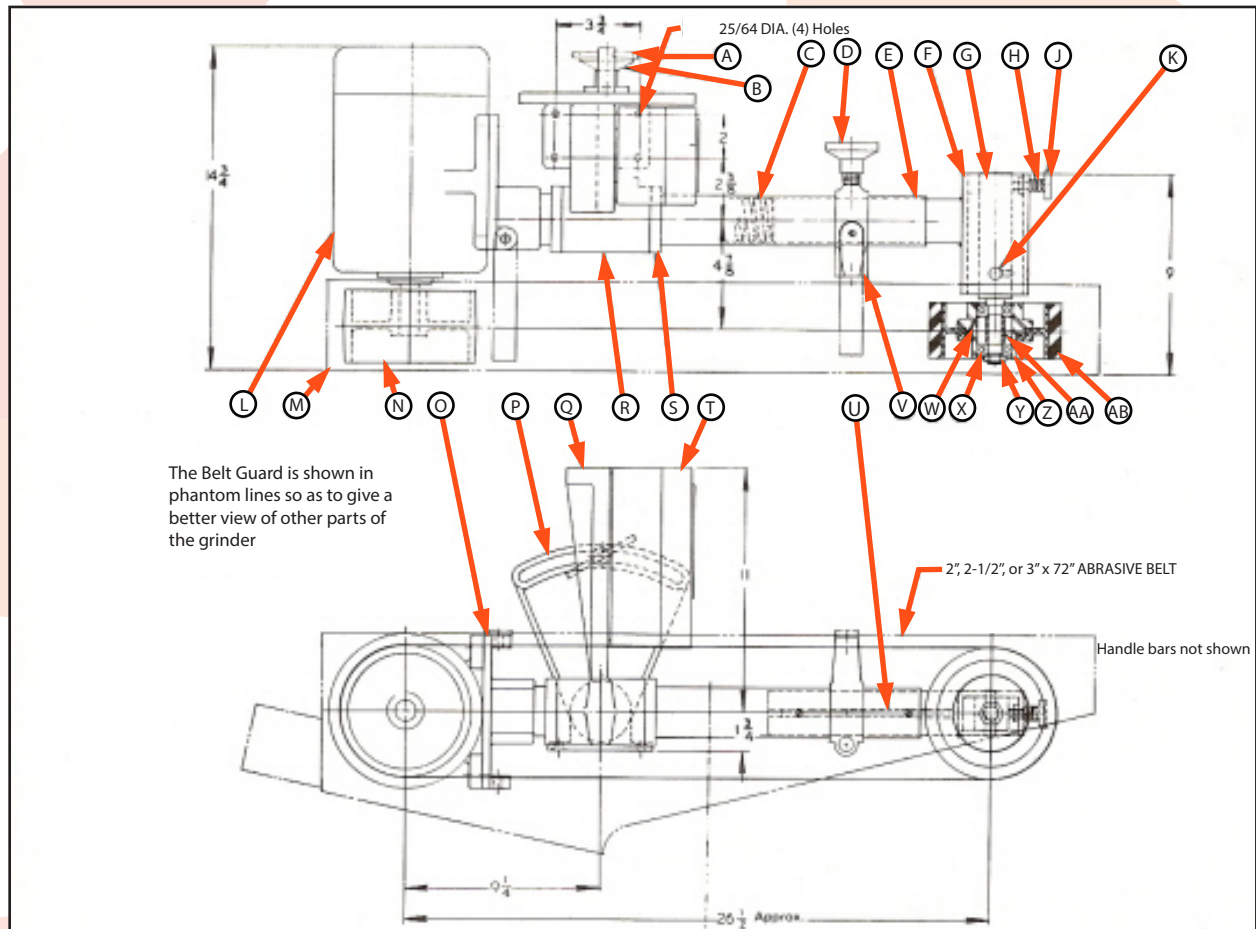
2801 TOBEY DRIVE / INDIANAPOLIS, IN 46219

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# ABRASIVE BELT GRINDER PARTS LIST

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MODELS: B 2 72-2, B 2 72-3, B 2572-2, B 2572-3, B 3 72-2, B 3 72-3



ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
A	M-11036-B	1	Pivot Lock Handle	P	m-10507-D	1	Pivot Lock Casting
B	M-10536-D-2	1	Knob-Swivel Lock	Q	M-10881-E	1	Swing Casting
C	788-B	1	Spring-Belt Tension	R	M-10508-D	1	Pivot Casting
D	M-10536-D-1	1	Knob & Slide Lock	S	736-B	2	Collar
E	846-b	1	Tubular Member	T	No. 609 AAW	1	Nems Manual Starter
F	M-11462-D	1	Front End	U	730-B	2	Key-Guide
G	M-11460-C-2	1	Shaft Contact Wheel	V	718-C	1	Support-Belt Guard
H	343	1	Spring	W	N5000-156	2	Snap Ring (TRU-ARC)
J	98-909	1	Plastic Knob	X	203-PP	2	Ball Bearing (FAFNIR)
K	PIN	1	1/2 Dia. X 2 1/8 LG. C.R.S.	Y	Screw & Washer	1	3/8 - 16 THD. X 1" Long
L	MOTOR	1	2 or 3 HP 3450 RPM TEFC 145T Frame	Z	M-11461-C	1	Hub - Contact Wheel
M	M-11186-E	1	Guard	AA	M-11459-B	1	Bearing Spacer
N	M11046-C	1	Pulley-Drive	AB	R-54	1	Contact Wheel Tire
O	M-11044-C	1	Motor Mounting Plate		M-10509-D	1	Handle Bar



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