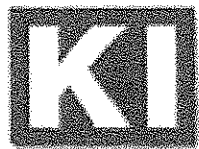
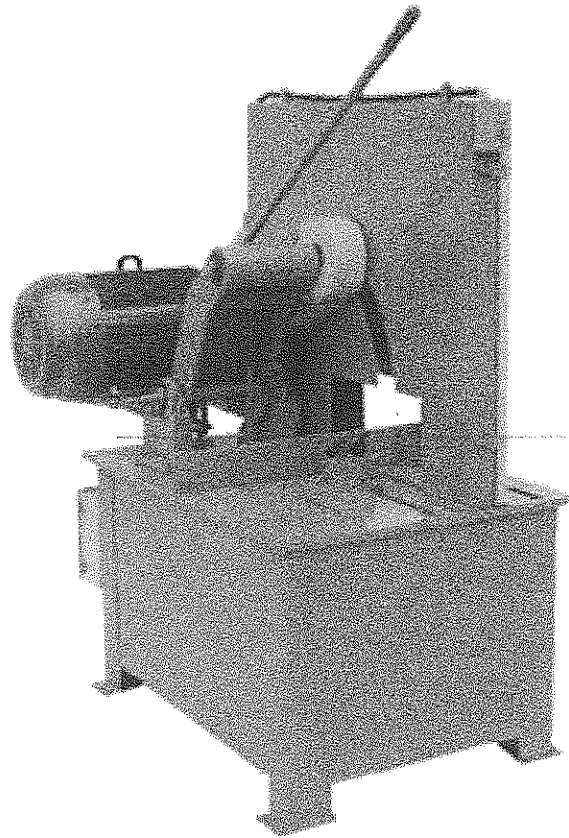


# INSTRUCTION MANUAL

Model K26S



**KALAMAZOO  
INDUSTRIES, INC.**

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## **WARNING!**

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD,  
DO NOT EXPOSE THIS EQUIPMENT TO RAIN, ANY LIQUID OR MOISTURE.

### **READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE OPERATING UNIT**

#### **OPERATING INSTRUCTIONS**

INSPECT YOUR NEW UNIT CAREFULLY FOR SIGNS OF SHIPPING DAMAGE. IF DAMAGED, PLEASE CONTACT CARRIER AND SUBMIT A CONCEALED DAMAGED REPORT. DO NOT RETURN GOODS TO US WITHOUT OUR RGA NUMBER AND SHIPPING INSTRUCTIONS. SEE BACK PAGE FOR RETURN POLICY AND WARRANTY.

BEFORE STARTING OR CONNECTING ELECTRICALS VERIFY THE PHASE AND VOLTAGE OF THE UNIT.

BE SURE MACHINE IS BALANCED CORRECTLY SO IT WILL NOT TIP OVER.

TO GUARD AGAINST CONCEALED DAMAGE, STAND CLEAR AND OBSERVE UNIT FOR THE FIRST FEW MINUTES OF OPERATION. GUARDS MUST NEVER BE REMOVED.

#### **ABRASIVE SAW SAFETY**

NEVER REMOVE SAFETY GUARDS FROM MACHINE. DISCONNECT POWER SOURCE BEFORE MAKING ANY MACHINE ADJUSTMENTS

ELECTRIC MACHINES ARE NOT INTENDED FOR USE IN OR NEAR WATER. THIS INCLUDES AN OPERATOR STANDING ON A WET FLOOR.

DO NOT USE AROUND FLAMMABLE MATERIALS OR LIQUIDS.

MACHINES SHOULD BE OPERATED IN VENTILATED AREAS.

ALWAYS WEAR SAFETY GLASSES OR A FULL FACE SHIELD FOR PROTECTION.

KEEP HANDS CLEAR OF THE CUTTING AREA.

DO NOT WEAR GLOVES OR LOOSE FITTING CLOTHES WHEN OPERATING THIS MACHINE.

ALWAYS KEEP HAIR TIED BACK OR COVERED.

ALWAYS KEEP FLANGES CLEAN AND TIGHT AGAINST CUTTING WHEEL.

ABRASIVE MACHINES ARE FOR ABRASIVE WHEELS NOT STEEL TOOTHED BLADES. DO NOT ATTEMPT TO USE STEEL BLADES UNLESS CORRECTLY GUARDED WITH AN ENCLOSED WHEEL GUARD. KEEP STEEL BLADES FULLY RETRACTED INTO WHEEL GUARD WHEN DONE CUTTING.

ALWAYS KEEP WHEEL GUARD IN DOWN POSITION.

BE SURE WORK PIECE IS CLAMPED SECURELY IN VISE BEFORE CUTTING.

#### **WARNING!!!**

IMPROPER USE MAY CAUSE BREAKAGE AND SERIOUS INJURY.

##### **DO**

1. DO always handle and store wheels in a careful manner.
2. DO visually inspect all wheels before mounting for possible damage.
3. DO check machine speed against the established maximum safe operating speed marked on the wheel.
4. DO check mounting flanges for equal and correct diameter.
5. DO use mounting blotters when supplied with wheels.
6. DO always use a safety guard covering at least one-half of the abrasive wheel.
7. DO allow newly mounted wheels to run at operating speed, with guard in place, for at least one minute before cutting.
8. DO always wear safety glasses or some type of eye protection when cutting.

##### **DON'T**

1. DON'T use a cracked wheel or one that has been dropped or has become damaged.
2. DON'T force a wheel onto the machine or alter the size of the mounting hole-if wheel won't fit the machine, get one that will.
3. DON'T ever exceed maximum operating speed established for the wheel.
4. DON'T use mounting flanges on which the bearing surfaces are not clean, flat and free of burrs.
5. DON'T tighten the mounting nut excessively.
6. DON'T start the machine until the wheel guard is in place.
7. DON'T jam work into wheel.
8. DON'T force cutting so that motor slows noticeably or work gets hot.
9. DON'T wear gloves when operating machine.

## ABRASIVE SAW SAFETY

- NEVER REMOVE SAFETY GUARDS FROM MACHINE.
- DISCONNECT POWER SOURCE BEFORE MAKING ANY MACHINE ADJUSTMENTS.
- ELECTRIC MACHINES ARE NOT INTENDED FOR USE IN OR NEAR WATER. THIS INCLUDES AN OPERATOR STANDING ON A WET FLOOR.
- DO NOT USE AROUND FLAMMABLE MATERIALS OR LIQUIDS.
- MACHINES SHOULD BE OPERATED IN VENTILATED AREAS.
- ALWAYS WEAR SAFETY GLASSES OR A FULL FACE SHIELD FOR PROTECTION.
- KEEPS HANDS CLEAR OF THE CUTTING AREA.
- DO NOT WEAR GLOVES OR LOOSE FITTING CLOTHES WHEN OPERATING THIS MACHINE.
- ALWAYS KEEP HAIR TIED BACK OR COVERED.
- ALWAYS KEEP FLANGES CLEAN AND TIGHT AGAINST ABRASIVE WHEEL.
- ABRASIVE MACHINES ARE FOR ABRASIVE WHEELS NOT STEEL TOOTHED BLADES. DO NOT ATTEMPT TO USE STEEL BLADES.
- ALWAYS KEEP WHEEL GUARD IN DOWN POSITION
- BE SURE WORK PIECE IS CLAMPED SECURELY IN VISE BEFORE CUTTING.

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### Basic Specifications Model K26S

K26S- 26" dry abrasive saw, 20 HP, TEFC, 3 phase, 1725 RPM, 220/440 volt AC  
Arbor Size: 1" , Flange size: 7", spindle speed: 1800 RPM  
Weight: 900 lbs., dimensions: L42 x W32 x H62

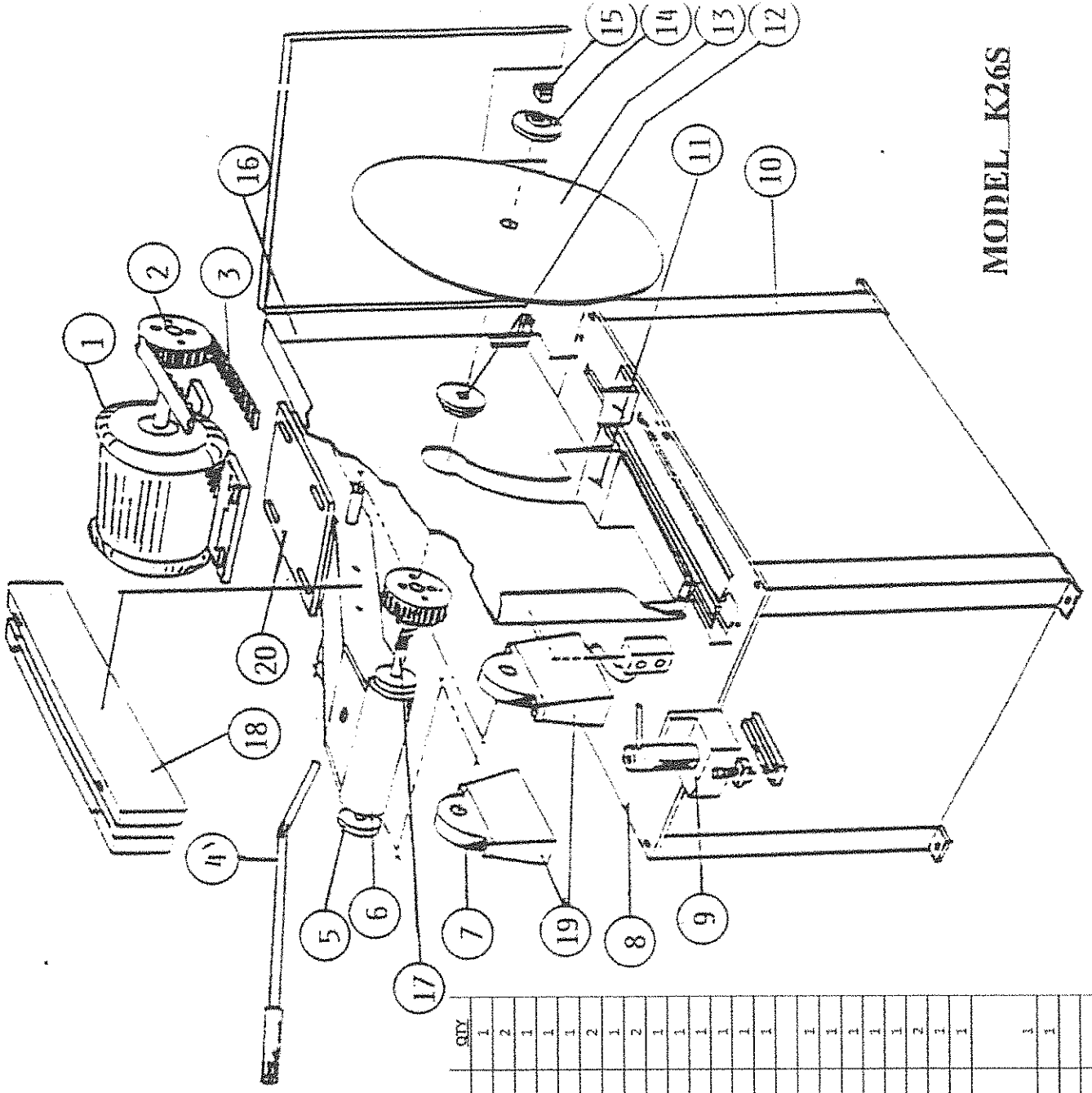
### Basic Controls

1. Downstop- Controls depth of cut. Screw threaded rod to UP position when using NEW abrasive wheel. LOWER screw as abrasive wheel wears. CAUTION: DO NOT ALLOW ABRASIVE WHEEL TO CUT INTO SAW TABLE!!!!
2. CAM VISE CLAMP- Loosen cap screw #2 , slide cam vise forward or backward to adjust vise opening. Slide vise up to workpiece, TIGHTEN cap screw #2 , ROTATE cam vise handle #3 to tighten workpiece. CAUTION: BE SURE WORKPIECE IS CLAMPED SECURELY!!! BLADE BREAKAGE WILL OCCUR IF WORKPIECE MOVES DURING CUTTING!!!
3. Use correct abrasive wheel for the material being cut. There are many different grades of abrasive wheels available. Select the correct grade & grit for the job! Good cuts should not be "burnt", "Yellow" or off color. The best cut is the Outside color of the material, "Bright"!

### Basic Maintenance & Safety

Always wear SAFETY GLASSES when cutting !!!  
Keep machine area & machine clean !  
Grease fittings on trunnion bearings ( #4) every 2 weeks  
Be sure of correct electrical connections before running machine!

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MODEL K26S

No.	Part No.	Description	QTY
1	486-036	20Hp, 3Ph Motor	1
2	560-027	Motor Pulley	2
	049-011	Spindle Bushing (Not Shown) Sold Separately	1
	049-012	Motor Bushing (Not Shown) Sold Separately	1
3	051-008	Timing Belt	1
4	044-009	Spindle Bearings	2
5	002-013	Saw Arm with Motor Mount	1
7	044-008	Trunnion Bearings	2
8	558-026	Top Plate	1
9	CV-25	Cam Vise	1
10	716-004	Saw Base	1
11	296-005	Left Fence	1
	296-006	Right Fence	1
12		Tight Flange (Not Sold Separately)	1
13	KAB26R	Abrasive Wheel (Not Included)	1
14	292-013	Loose Flange	1
15	537-028	1-1/4" R.H. Spindle Nut	1
16	342-040	Wheel Guard	1
17	701-026	Spindle with Tight Flange	1
18	342-041	Belt Guard	1
19	053-015	Trunnion Blocks	2
	562-029	Trunnion Pin	1
20		Motor Mount (Not Sold Separately)	1
	131-009	Cylinder For K26PHV-K26PHV System Only	1
	641-013	Oil Reservoir - For K26PHV System Only	1
	389-006	Hydraulic Hose for K26PHV and K26E Only	
	389-007	Hydraulic Hose for K26PHV and K26E Only	
	002-013AS	Arm Assembly (Arm and Spindle Assembly)	1