

KALAMAZOO

INDUSTRIES INC.

K26S 26" ABRASIVE SAW WITHOUT OSCILLATION MANUAL



CONTACT INFORMATION

PHONE: (269) 382-2050

EMAIL: info@kalamazooind.com



MADE IN USA

WARNING!

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

INSPECTION

If these goods are damaged in transit, the **DELIVERING TRANSPORTATION COMPANY** is required by law to make notation of damages on the freight bill. If in your opinion, there may be concealed damage, they are required to make an inspection after goods are unpacked. Transportation rates are made in proportion to damage. Therefore, the carrier and **NOT** the shipper should be charged with any loss or damage. Any claim should be filed with the delivering Transportation Company. **PLEASE DO NOT RETURN GOODS TO US WITHOUT OUR RGA NUMBER AND SHIPPING INSTRUCTIONS.**

Electrical: CAUTION: Voltage changes require wiring changes at drive motor. **WARRANTY DOES NOT COVER** unauthorized wiring changes/failures. **Consult an electrician an electrician if your not familiar with electrics.**

K26S SETUP

- BEFORE STARTING OR CONNECTING ELECTRICAL VERIFY THE PHASE AND VOLTAGE OF THE UNIT.
- BE SURE MACHINE IS BALANCED CORRECTLY SO IT WILL TIP OVER.
- TO GUARD AGAINST CONCEALED DAMAGE, STAND CLEAR AND OBSERVE UNIT FOR THE FIRST FEW MINUTES OF OPERATION. GUARDS MUST NEVER BE REMOVED.
- BEFORE INSTALLING THE ABRASIVE WHEEL CONFIRM THAT THE CUTOFF WHEEL IS DESIGNED TO RUN AT 4800 SFPM (MOS). YOU CAN FIND THIS INFORMATION DIRECTLY ON THE THE SIDE OF YOUR CUTOFF WHEEL. IT

ABRASIVE SAW SAFETY

- NEVER REMOVE SAFETY GUARDS FROM MACHINE. DISCONNECT MACHINE FROM POWER SOURCE BEFORE MAKING ANY MACHINE ADJUSTMENTS.
- 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.
- DO NOT USE TOOTHED BLADE WITH THIS SAW AND DO NOT ATTEMPT TO USE STEEL BLADES ON THIS SAW.
- 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.
- MANUALLY TIGHTEN AND LOOSE SPINDLE NUT.
- DO NOT USE IMPACTED GUN TO LOOSEN OR TIGHTEN SPINDLE NUT.
- ALWAYS KEEP WHEEL GUARD IN THE 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 the vertical position.
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 a 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.
9. **DO** tie back hair.

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 fir the machine.
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 spindle 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 noticeable or work gets hot.
9. **DON'T** wear gloves and or have loose clothing when operating machine.
10. **DON'T** use tooth blade on saw.

BASIC OPERATION

- **Wheel size:** 26"
- **Required hydraulic oil:** DTE24
- **Spindle size:** 1"
- **Spindle RPM:** 1760 RPM

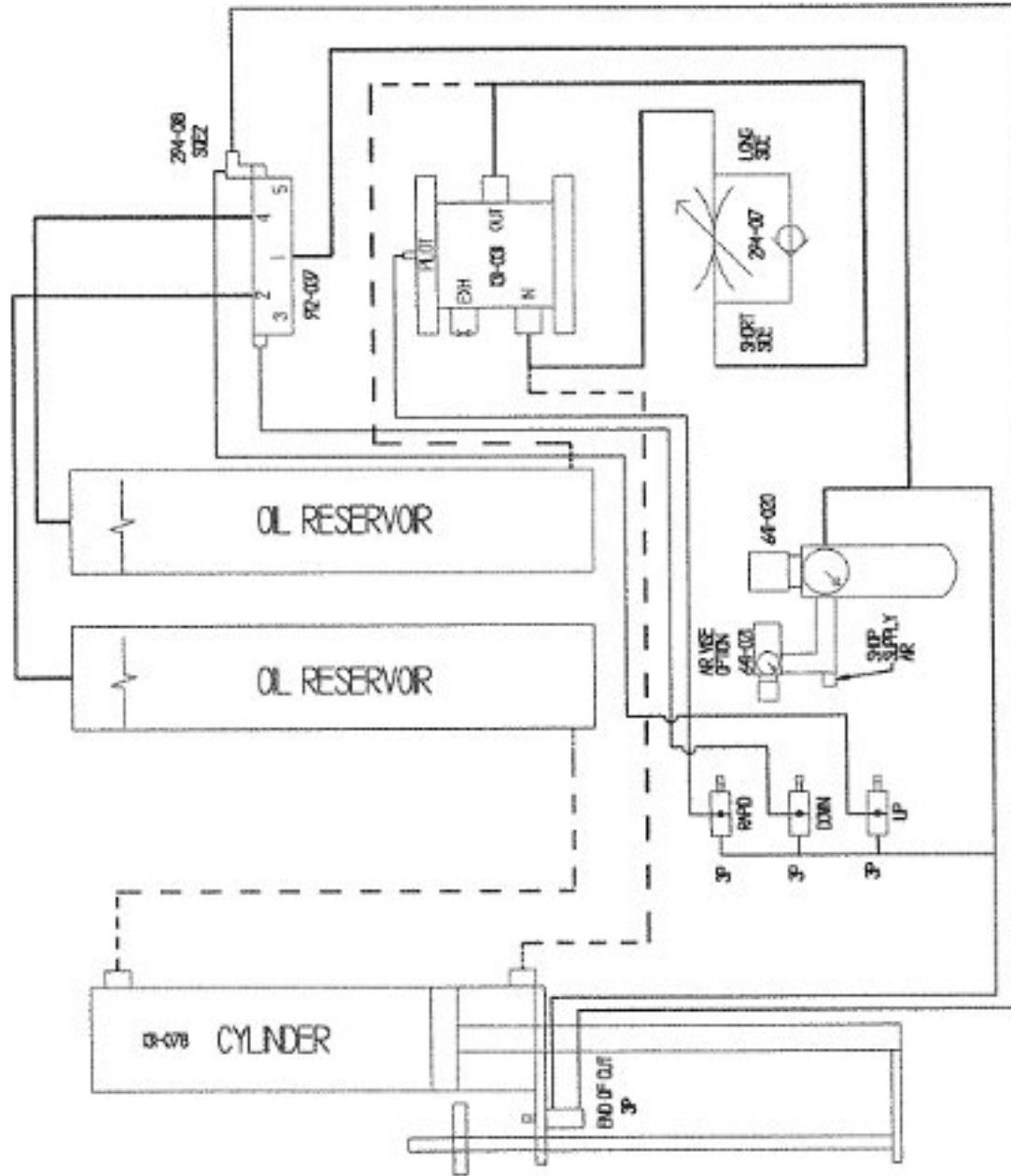
HOOK UP

BE SURE OF CORRECT AC POWER TO MACHINE. DRILL NEMA BOX FOR SEALTITE FITTINGS AROUND INCOMING WIRE. CONNECT AC POWER TO L1, L2, L3 ON CONTACTOR. IF NOT FAMILIAR WITH ELECTRICS CONTACT A CERTIFIED ELECTRICIAN. FACTORY ISN'T RESPONSIBLE FOR INCORRECT ELECTRICAL HOOKUP BY CUSTOMER.

1. **AIR IN:** Connect DRY shop air to the regulator (0-55 PSI MAX).
2. **OIL RESERVOIRS:** Dual oil reservoirs use DTE24 hydraulic oil. Maintain an oil level of 1/4 full in one reservoir and 3/4 full in the other. **NOTE: oil levels alternate with cycle.**
3. **SAW HEAD RETURN:** Adjust the steel plate (**#70**) by loosening the knob (**#71**). When the plate (**#70**) contacts, the air valve saw head will return to the top position.
4. **FEED RATE VALVE:** Rotate the feed rate valve to desired down feed speed. Rotate clockwise for a slow feed rate and counterclockwise for a faster feed rate. Total closure of the feed rate valve will stop the down feed cycle.
5. **V-BELTS:** New v-belts will stretch and must be checked and tightened (if necessary) after a half-dozen cuts. Don't over-tighten the v-belt optimal squeeze is roughly 1/4" between the top and bottom of the v-belts.
6. **MAINTENANCE:** Thoroughly clean the machine after every shift to maintain optimal machine operation.

NEW STYLE

- 1/2" PLASTIC HOSE
- 3/4" PLASTIC HOSE
- - - RUBBER HOSE



Y X

inch

KALAMAZOO INDUSTRIES INC.

DRAWN BY	DATE	DESCRIPTION
ASHLEY	02/24/44	K20E-36E PHV SO-EM
REvised BY	DATE	PART #
MATERIAL		