

This handbook is an integrating part of the machine, and must be carefully read in full, before accomplishing every operation. It must be kept in case of future references, until getting rid of the machine.

The handbook is addressed to professional users, it reflects the state of the technique at the moment of the commercialization of the machine, and cannot be considered inadequate just because on the ground of new experience it will be afterwards up-to-date. e

WREN CO. declines every responsibilities due to the following situations;

- improper use of the machine or its use by not professional operators;
  - wrong installation;
  - wrong feeding;
  - absences in maintenance;
  - alterations or interventions not authorized by the manufacturer;
  - employment of not original parts, or not suitable for the model.
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- Never rely on this puller to support, carry, or transport the workpiece being pulled.
- The following procedures should only be performed by qualified, trained personnel who are familiar with this equipment.
- Safety glasses must be worn at all times by the puller operator and anyone within sight of the puller. Locate the puller in an isolated area or shield it to minimize danger to others.
- The owner of this tool must ensure that all safety-related decals are installed, maintained and replaced if they become hard to read.
- Do not exceed equipment ratings. Try to minimize the danger of overloading. Overloading causes equipment failure and possible personal injury.
- The pressure gauge is installed in the system to monitor operating pressure. It is your window to what happening in the system.
- Immediately replace worn or damaged parts by genuine WREN parts.
- Keep hydraulic equipment away from flames, heat, sharp edge, and chemical corrosion
- To avoid personal injury and possible equipment damage, NEVER get rid of the protective device installed on the puller. Do not dismount any components of the puller without WREN's permission. Do not readjust the safety valve of the cylinder.
- Never stand to each side of the puller in case of personal injury in system operation.

## HOSES

- should a hydraulic hose ever rupture, burst, or need to be disconnected, immediately shut off the pump. Never grasp a leaking pressurized hose with your hands.
- Avoid damaging hydraulic hose. Avoid sharp bends and kinks when routing hydraulic hoses. Using a bent or kinked hose will cause severe backpressure. Sharp bends and kinks will internally damage the hose leading to premature hose failure.
- Do not drop heavy objects on hose. A sharp impact may cause internal damage to hose wire strands. Applying pressure to a damaged hose may cause it to rupture.
- Do not subject the hose to potential hazard, such as fire, sharp surfaces, heavy impact, or extreme heat or cold. Do not allow the hose to kink, twist, curl, or bend so tightly that the oil flow within the hose is blocked or reduced. Periodically inspect the hose for wear, because any of these conditions can damage the hose and possibly result in personal injury.
- Do not use the hose to move attached equipment. Stress can damage the hose and possibly cause personal injury.
- Hose material and coupler seals must be compatible with the hydraulic fluid used. Hoses also must not come in contact with corrosive material such as creosote-impregnated objects and some paints. Consult the manufacturer before painting a hose. Never paint a coupler. Hose deterioration

#### 4. PUMP

- Do not exceed the PSI hydraulic pressure rating noted on the pump nameplate or tamper with the internal high









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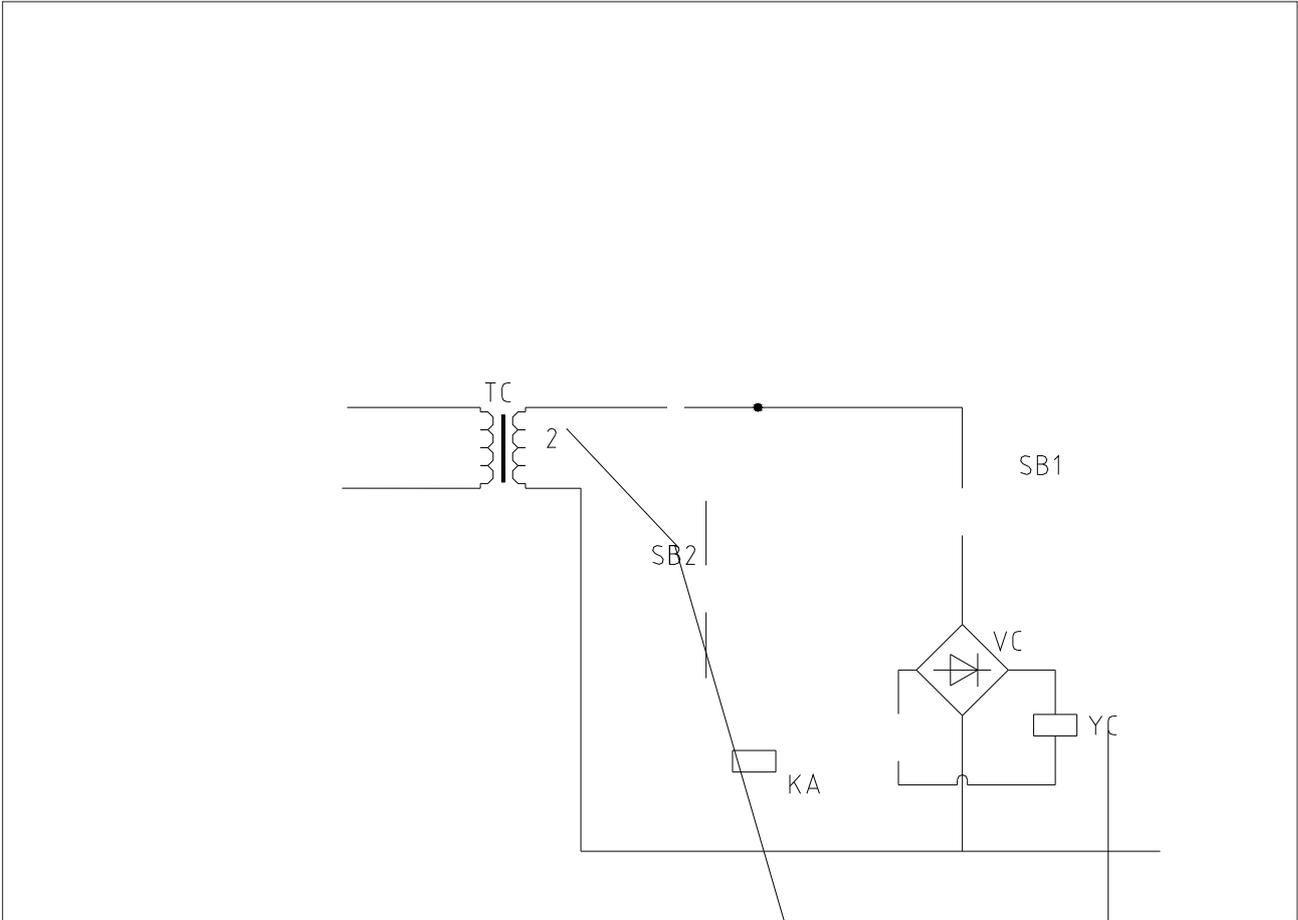
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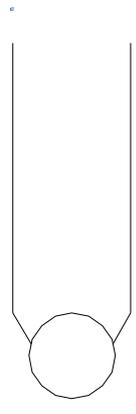
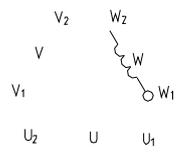
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