## Powerful DRUM HOIST Made from Scrap PUSH FORWARD METAL MOUNTING With this homemade hoist, you can lift loads weighing more than a ton. For each pound of pressure exerted on the handle, BRAKE DRUM LIGHT there is an upward pull of SPRING 30 lbs. on the load. Construction is largely torch BRAKE BAND cutting and welding. The MEAVY SPRING base plate has holes for " EYE BOLT mounting, preferably an the bed of a truck, per-BRAKE mitting full sweep of the handle. However, the hoist can be used on the ground if the handle is disengaged after each half swing. Although the brake mechanism is not essential, it is useful for dropping a load. An old auto transmission gives a free neutral position as well as a selection of gear ratios MOISSIMENT N" X 5%" PLATE BRAKE DRUM (HAND BRAKE) SQUARE END OF WELD GEAR SHIFT INIVERSAL JOINT WELDED 1" DIA SHAFT CHEV. (OR DITHER) BRAKE TRANSMISSION BAND NOT RATCHET GEAR SPLINED PART OF SHOWN MADE FROM % CLUTCH PLATE X 4" MILLING CUTTER CUT FROM 2% X 10" ANGLE 3" PIPE 9" LONG CONSTRUCTION features welded joints throughout. The use of cut-ting torch in shaping angles and 15" X 1" X 8" 8 M" BASE PLATE

MOUNTING SCREWS

"drilling" holes simplifies work