



Model PS-62B
1/2" – 2" Steel Pipe Squeezer

Operations Manual

Model PS-62B Huskie 1/2" – 2" Pipe Squeezer

1.0 Introduction

This manual is issued as a basic operations manual covering the Regent Model PS-62B Huskie Tool, Pipe Squeezer sold by Regent Tools, Inc. Houston, TX. USA.

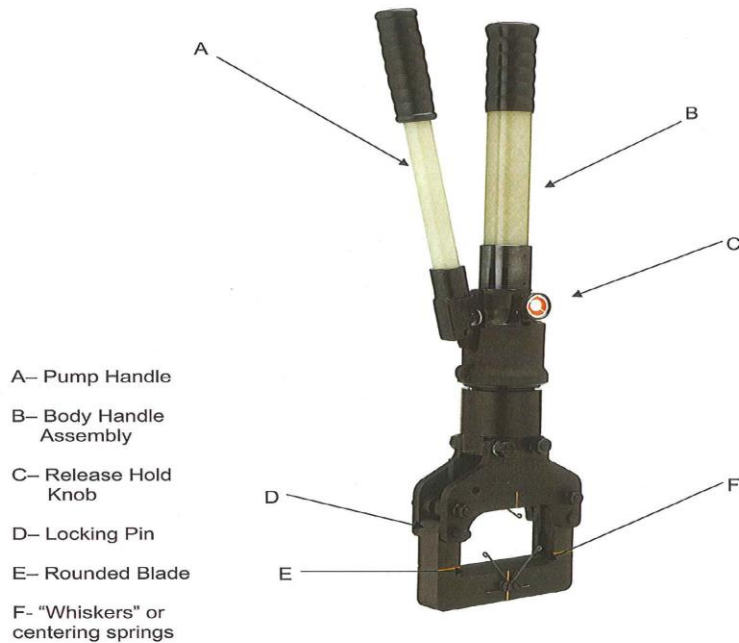
2.0 Specifications

Working Load:	18 Tons
Net Weight:	29 Lbs.
Dimensions:	6.9" x 28.6"

3.0 Features

The Regent model PS-62B Huskie Tool Pipe Squeezer is used for Gas, Oil & Water lines emergency repairs and maintenance.

The Model PS-62B Huskie will give flow control on steel pipe sizes from 1/2" through 2". Grounding Strap may be attached to the tool as required by company policy.

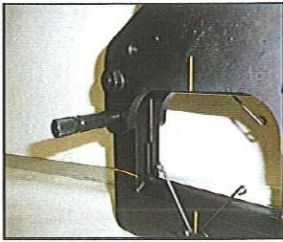


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4.0 Operating Procedures

The Huskie PS-62B squeeze tool is a self contained hydraulically operated machine that has been engineered for ease of operation and minimum maintenance. Inspect the entire tool for signs of leaks, damage or abuse.

The tool should be clean and free of oil or rust. If oil has leaked from the tool, review the maintenance instructions.



A



B

Remove the lower jaw latch pin (A) and inspect the hinged pivot for freedom of movement.

Latch the jaw in the closed position being certain the latch pin is completely engaged.



Release Knob

Place the control knob to "Hold" and pump the tool to a complete squeeze-off. The blade should descend without any binding or resistance. Upon reaching the limit of the blade travel, continue pumping until the pressure relief valve releases as evidenced by a sudden release of handle force. The blade should remain in the down-and-locked position with approximately 1/8" air gap space between the lower jaw and blade. Turn the control valve knob to "Release" the blade should retract to the full up position. The tool is now checked out for squeezing steel pipe.

Unlatch the lower jaw and center the tool on the pipe. Spring steel "whiskers" aid in the centering process. The PS-62B squeeze frame has been enlarged from previous models to accommodate jacketed Schedule 40 steel pipe ranging in sizes from 1/2" through 2" IPS. It is not necessary to skive the pipe coating before squeezing. Swing the lower jaw into place and insert the latch pin. Failure to completely insert the latch pin may result in pin damage which may cause the upper jaw to not fully retract.

NOTE: The PS-62B incorporates a rounded jaw form on the squeeze jaws. This was done to help distribute the squeeze force over a larger area, thus minimizing the potential for pipe breakage. Due to this jaw form, the PS-62B may not be able to completely squeeze-off some 2" pipe.

If a positive shut off of 2" pipe is a requirement, the model PS-75 should be considered.

With the control valve knob in the "Hold" position pump the tool until a satisfactory squeeze off has been achieved. It is not always necessary to pump the tool to it's relief point to obtain a satisfactory squeeze. The blade will remain in the down position. At this stage, the blade should be inline with the yellow indicator line scribed on the latched portion of the tool. Typically, the pipe will be approximately 98% closed. Complete 100% closure can not be guaranteed since conditions such as pipe age, inside wall corrosion and metal content vary dramatically from location to location.

Turn the control knob to "Release" permitting the blade to retract to the full-up position. Unlatch the lower jaw and remove the tool. No provision for re-rounding the pipe is available with the Huskie PS-62B.

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Caution should always be taken when squeezing off steel pipe to inspect the pipe for quality conditions and weld seams. Complete shut off cannot be guaranteed since conditions such as pipe age, wall corrosion and metal content vary dramatically from location to location.

Caution Steel pipe can split or shear without warning, care must be taken when doing squeeze off on how the pipe is reacting and do not exceed the amount of pressure required to effect closure, as this may be below maximum pressure.

Always follow your companies safety and squeeze-off procedures at all times.