WARNING: HOLD ON TO POWER DRIVE HANDLE FIRMLY TO RESIST INITIAL TORQUE WHILE BACKING OFF DROPHEAD.

7. After completion of the thread, and after the motor has stopped, set the reverse switch in the reverse position ("R") and start the motor again to back the die head off the pipe.

8. When die is clear end of the pipe, grip handle on top of the power drive and remove the power drive from the pipe. Release the support vise and remove it as well.

MAINTENANCE INSTRUCTIONS

WARNING: ALWAYS UNPLUG POWER CORD BEFORE SERVICING POWER DRIVE.

NOTE: If any maintenance is required other than brush replacement, take power drive to an authorized REED warranty repair center or return to factory.

Motor Brush Replacement

Check motor brushes every 6 months or 250 working hours and replace the brushes when worn to less than 1/4" (5 mm). When checking the brushes for wear, also clean the brush holders with a clean rag.

Lubrication

Gearing has been greased at the factory and does not require additional grease. It is best to blow dust off the machine after work is over.

NOTE: Motor Brushes (callout #48) can be ordered as a pair. Item Code 95254.

SAVE THESE INSTRUCTIONS!

Catalog No. - 701PD
Item Code #05250

701PD Power Drive
Operator’s Manual

The REED 701PD Power Drive is a portable, electric-motor-driven, heavy-duty power drive which provides power for threading pipe and conduit up to 2" in diameter.

• Automatize the pipe threading process
• Light-weight
• 701V Safety Vise (#05255) included
• New technology
• R12+ Dropheads available in sizes from 1/2" to 2", order dropheads separately

WARNING!
READ AND UNDERSTAND ALL INSTRUCTIONS.
FAILURE TO FOLLOW ALL INSTRUCTION LISTED INSIDE MAY RESULT IN ELECTRIC SHOCK, FIRE, AND/OR SERIOUS PERSONAL INJURY.

SAVE THESE INSTRUCTIONS!
WORK AREA SAFETY
1. Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tool dust particles create sparks that may ignite the dust or fumes.
3. Keep bystanders, children, and visitors away while operating a power tool. Distracted操作者 can cause you to lose control.
4. Do not let visitors contact tool or extension cord. Such preventive measures reduce the risk of injury.

ELECTRICAL SAFETY
1. Electrical tools must be plugged into properly installed grounded, three-prong receptacles. If in doubt as to whether the outlet is properly installed, consult a qualified electrician.
2. Do not force tool. Use the correct tool for your application. Incorrect voltage supply can cause electrical shock or burns.
3. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electrical shock.
4. Do not abuse cord. Never use the cord to carry the tool or plug in the tool. Damaged cords increase the risk of electrical shock.
5. Store idle tools out of the reach of children and other untrained persons. Tools are dangerous in the hands of untrained persons.

PERSONAL SAFETY
1. Keep handles dry and clean, free from oil and grease. Clean handles allow better control of the tool.
2. Dress properly. Do not wear loose clothing or jewelry. Contains long hair. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
3. Avoid accidental starting. Be sure switch is OFF before plugging in. Carrying tools with your finger on the switch or plugger in tools that have the switch ON invites accidents.
4. Remove adjusting keys or switches before turning the tool ON. A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.

TOOL USE AND CARE
1. Use clamp, vice, or other practical way to secure and support the workpiece to a stable platform. Holding work by hand or against your body is unstable and may lead to loss of control.
2. Do not force tool. Use the correct tool for your application. Incorrect voltage supply can cause electrical shock or burns.
3. Do not use a tool if switch does not turn on or off. Any tool that cannot be controlled by the switch is dangerous and must be repaired.
4. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
5. Store idle tools out of the reach of children and other untrained persons. Tools are dangerous in the hands of untrained persons.
6. Maintain tools with care. Keep cutting tools sharp and properly maintained tools with sharp cutting edges are less likely to bind and are easier to control.
7. Use proper extension cords (see chart). Insufficient voltage supply can cause electrical shock or burns.
8. Use only accessories that are recommended by the manufacturer of your model. Accessories that are suitable for one tool may become hazardous when used on another tool.

SPECIFIC SAFETY INFORMATION
The Operator’s Manual contains specific safety information and instructions for your protection against serious injuries including:

- Loss of fingers, hands, arms or other body parts if clothing or gloves get caught in moving parts.
- Electrical shock or burns from contact with wires, motor or other power drive parts.
- Impact injuries, including broken bones if machine tips over or workpiece falls.
- Eye injuries, including being blinded by the workpiece or workpiece chips.

OPERATING INSTRUCTIONS
For threading with drophead die heads only.

WARNING: OPERATOR SHOULD BE THOROUGHLY FAMILIAR WITH SAFETY INFORMATION BEFORE ATTEMPTING TO OPERATE THIS EQUIPMENT.
1. Push die heads, small end first, squarely into power drive opening until spring-loaded adapter paws catch securely.
2. Secure pipe in portable TriStand vise or bench vise, if available.

WARNING: WHEN THREADING ANY SIZE PIPE, THE SUPPLIED 701V SUPPORT VISE SHOULD ALWAYS BE USED AND SECURED LOCKED ON PIPE BECAUSE OF TORQUE DEVELOPED DURING THREADING.
3. Ensure at least 6" (150 mm) of exposed pipe end. Pipe 701V support vise between 4" (100 mm) and 7" (180 mm) from the end of the pipe so the end of the guide bar is 1" (25 mm) to 4" (100 mm) beyond the end of the pipe. Clamp the support vise securely onto the pipe. When threading 1 1/2" and 2" pipe, it is best to place the vise just 4" from the end of the pipe for firmer control of higher torque.
4. Slide the machine onto the guide bar and keep sliding to place the die head over the end of the pipe. Make sure that the reverse switch is in threading position (VvV). For right hand threads, die head should rotate clockwise (looking at the face of the die head).

NOTE: During threading, apply plenty of REED Threadguard cutting oil to dies.
5. Simultaneously actuate switch button and exert pressure against the die head with palm of free hand to make sure thread is started.
6. Keep switch button depressed until end of pipe is even with edge of chaser, then release switch button.