

# Model CR-3 Core Saver



## The quick and inexpensive way to restore crushed cores.

*Master rolls that once had to be taken out of the production stream due to distorted or crushed cores can now be restored in minutes by one person and the Goldenrod Core Saver.*

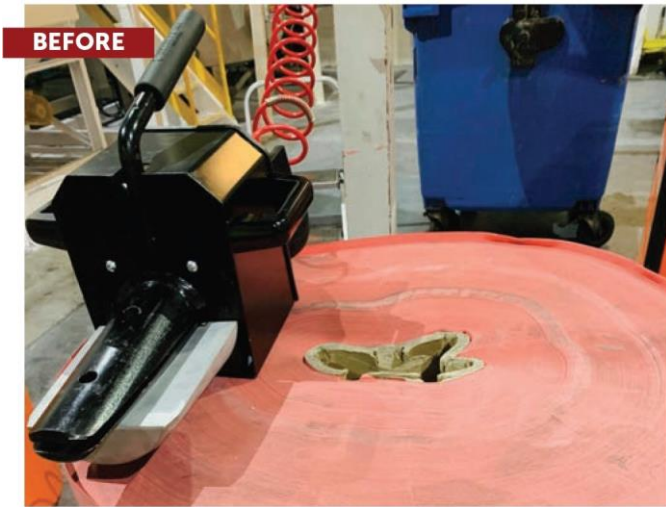
*Payback is immediate! Save one roll from scrap and you've paid for the unit.*

*Unit is portable, weighs less than 30 lbs. Quick disconnect fitting for air supply is compatible w/ standard shop air lines. New handguard eliminates pinch-points.*



*Pneumatically operated, the Core Saver's tapered jaws are simply inserted into the damaged core, no matter how crushed or distorted and the pneumatic action of the jaws returns the core to its original shape allowing the Goldenrod air shaft of chucks to insert easily.*

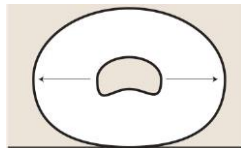




- Jaws available for 3, 4, 5, 6 and 10 inch ID cores
- Sleeve inserts available for cores of other sizes
- Up to 16,000lbs/7272kg of thrust from 86psi/ 9bar air supply

### OPERATING PROCEDURE

1. Position roll so that the long axis of the crushed core is in the horizontal position, as shown here.



2. Insert expander into crushed core as far as it will go, so that the duckbill will open in the horizontal position as shown by arrows in the figure above. **Do not hammer the expander into the core.**

Move the slide valve to the bladder exhaust position by pulling the sleeve in a direction away from the roll and towards the operator.

3. Attach an airline with a pressure of 80 psi (5.64 Kg./cm<sup>2</sup>). Pressure higher than 80 psi will actuate the safety relief valve. Pressure lower than 60 psi may not be adequate, depending on the type of roll being restored.
4. Energize the expander by moving the slide valve sleeve forward towards the roll. **Expander to be inserted inside a core before energizing. Never energize the expander unless it is inserted into a core to restrict its motion.**

5. After a few seconds the jaws will cease to move outward. Release air pressure by moving slide valve sleeve towards the operator and insert the expander deeper into the core. Repeat the sequence until the expander is fully inserted.
6. If the expander does not fully insert into the core the roll must be shock set. This is done by striking the top of the roll with a sledgehammer while the expander is still energized. After shock set, the expander will insert deeper into the core. This process may have to be repeated several times. Every roll should be finished off with a shock set. This will prevent the restored core from "springing back" after the Reel Saver is removed.

### MAINTENANCE

1. The air supply should not have a lubricator in the line since this would shorten the life of the bladder.
2. Periodically check the two-pivot pin set screws to make sure they are well seated.
3. Periodically check the freedom of the safety relief valve by pulling the plunger stem when the expander is pressurized, thereby, starting the relief action.

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