CAPTIVE BOLT GUNS & ELECTRICAL STUNNERS

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CAPTIVE BOLT GUN STYLES

- IN LINE
  - PENETRATING BOLT
  - NON PENETRATING (CONCUSSION)

- PISTOL STYLE
  - PENETRATING BOLT
  - NON PENETRATING (CONCUSSION)
IN LINE

MAGNUM 25

- .25 CALIBER
- MANUAL BOLT RESET
- 2 PIECE CONSTRUCTION
- EXTERNAL SAFETY
- REGULAR LENGTH AND LONG BARREL

PRIMARY USE

- SLAUGHTER FACILITIES
- SOME ON FARM
SAFE HANDLING

- HAND OFF IN TWO PIECES
- STORE IT BROKEN DOWN
- HANDS AWAY FROM END OF BARREL
- NEVER LEAVE IT LOADED
- USE ONLY MANUFACTURER APPROVED CARTRIDGES
MAINTENANCE
If you shoot it clean it!

- Gun cleaning solvent (no WD 40)
- Cleaning brushes
- Proper tools
- Barrel and breech
- Bolt retention system
- Bolt & buffers
- Breech cap
- Record keeping
CASH SPECIAL

- .25 and .22 Caliber
- Automatic bolt retraction

Primary use
- Slaughter facilities
- On farm
- Small locker plants
SAFE HANDLING

- Hands away from barrel
- Never leave it loaded
- Remington rolling block safety
- One hand operation
- Use only manufacturer approved cartridges
MAINTENANCE
If you shoot it clean it!

- Gun cleaning solvent (no WD40)
- Cleaning brush
- Muzzle
- Barrel
  - Undercut cleaner
  - Breech cleaner
- Bolt & recuperator sleeves
- Record Keeping
POWER LOADS

- Use Manufacturer approved only

Storage
  - Long Term
    - Clean
    - Dry
    - Climate Controlled
    - First in First out
    - Lot number recorded
  - Daily use
    - Keep dry
    - Small quantities
    - Container
MAINTENANCE AREA

- Proper tools
  - Wrench’s
  - Hammer
  - Punches (properly sized)
  - Pick
  - Specific stunner tools (undercut & breech cleaner)
- Spare parts inventory
- Bench Vise
- Cleaning supplies
  - Stunner cleaning solvent
  - Shop towels
  - Green scratch pads
MAINTENANCE RECORDS

- Suggested information
  - Date
  - Tool number (Serial #)
  - Service Technician name
  - Parts Replaced
  - Stun Test Data results
OPERATOR SAFETY EQUIPMENT

- Knocker Vest
  - Chest Protection
  - Groin Protection

- Ear Protection

- Eye Protection
ELECTRIC STUNNING Control Box

- Installed in clean & dry environment
- Easily accessible
  - Maintenance
  - Setting changes
- Installed on dedicated electrical circuit
- Back up system
DAILY CHECK LIST

- Daily verification of system performance
  - Verify voltage
  - Verify amperage
  - Stunner settings confirmed
    - Amperage – voltage – frequencies – stun time
  - Verify infeed line voltage to Control Box
    - Idle
    - Operating

- Inspect all connections
  - Is there water in the outlet or plug?
  - Loose or frayed wires?
Maintain a critical parts inventory
  • Control Cards
  • Display Cards
  • Transformers
  • Fuses

Regular PM schedule
  • Replace Contactors – at least once per year
  • Replace male/female plugs – Weekly? Monthly?
  • Wiring from panel to restrainer
STUNNER WANDS

- Clean and maintain daily
  - Clean wand tips – volume dictates how often
  - Check wiring
  - Verify switch operation – replace if necessary

- Storage
  - Warm – dry environment
  - Drying cabinet is ideal
Create daily maintenance log sheet
  • Include control unit and wands
Make sure Stun Tracker software is operational (if available)
  • Print daily stunner log for file
QUESTIONS?
Thank you!