

USED GRAPPLE TRUCK SPECIFICATION 1083R

March 28, 2019

CHASSIS / CAB

2006 Sterling LT9513, Stock #1083U

- A) 20,000 lb. GVWR Front Axle
- B) 46,000 lb. GVWR Rear Axle
- C) Tuff Trac 46,000 lb suspension.
- D) 410 HP Mercedes 12.8L, Diesel Engine
- E) 183,271 miles.
- F) Eaton / Fuller RTO-16908LL Transmission (Reman Trans)
- G) 206" CT
- H) 270" Wheelbase
- I) 118" After frame
- J) Full Air Brakes
- K) Dual 50 Gallon Fuel Tanks
- L) Air Conditioning
- M) Air-ride driver's seat
- N) Fixed base passenger seat
- O) Cab - White in Color

BODY

- A) Flatbed body (22'-6") long x 102" wide.
- B) 6" channel sides.
- C) 4" cross channels 16" on centers.
- D) 8" rec. tube long sills.
- E) 6 gussets per side are installed on the long sills and cross channels.
- F) Flatbed flooring to be 3/16 inch AR450 steel.
- G) Eight (four per side) removable 3" diameter tubular steel side posts 45" high. Post are spaced on approximately 54" centers.
- H) (4) ratchet strap hold-downs installed in channels (for lateral adjustment) under bed streetside.
- (2) Access ladders with grab handles for access to flatbed one curbside and one streetside.

FRONT BULK HEAD / RAIL RACK

- A) Front bulkhead / rail rack to be constructed of 4" x 4" x 1/4" wall steel tubing with outside dimensions of 102" wide x 63" high installed directly behind chassis cab. Sheet steel used to be 1/4" thick.
- B) Expanded metal window in bulkhead to match rear cab window.
- C) Rail rack saddles are comprised of (4) four 4" x 4" x 1/4" wall structural steel tubing, 6" high vertical stanchions (two per side) on top of bulkhead frame. Stanchions are spaced 19" (inside dimension) for rail containment.
- D) Rail rack to be capable of hauling (6) 132 lb. x 39' rails, (3) per side.
- E) Rail saddles to be protected by 2 3/4" thick rubber blocks.

REAR BULKHEAD

- A) Rear bulkhead to be constructed of 1/4" plate.
- B) Outside dimension of bulkhead to be 102" wide x 40" high.

REAR RAIL RACK

- A) Height to be 3" lower than front rail rack in order to clear the rotation of the loader.
- B) Rack construction similar to front rack.
- C) Gusset for additional strength welded from outside of rack tube to bottom section of vertical channels.

UNDERBODY COMPARTMENTS

- A) Two (2) underbody compartments (tool boxes), one (1) mounted curbside in front of rear tires and one (1) mounted streetside in front of rear tires.
- B) Compartments to be 48" long x 18" high x 18" deep.
- C) Barn-door style doors.

SERCO 8500 LOG LOADER

- A) 22" boom with 3' hydraulic extension. (Total extension = 25')
- B) Lift Capacities:
 - 8,500# @ 10 Feet
- C) Joystick controls.
- D) Operator seat with grip strut access ladders installed on both sides of loader frame.
- E) Out rigger pads extended inward so pads hit ties when deployed.
- F) Fabricate and install flip-up extensions on bottom of access ladders on both sides of loader. When in the down position, the extensions are to be 20" above the ground surface. Extensions to be pinned when in the up position.
- G) Loader to be delivered with tie grapple/rotator installed.
Speed & Kill switch at operators station.

BOOM TIP ACCESSORIES

- A) Serco bypass grapple.

RAILGEAR

- A) DMF 1630/50 railgear.
- B) Insulated wheels.
- C) Rail sweeps front.
- D) Slotted links
- E) Air brakes front with switch in cab.
- F) Front bumper mounted sight rods.

HYDRAULICS

- A) Air shift PTO.
- B) Install tandem hydraulic pump (this pump provided for operation of loader and hirail).
- C) 50 gallon hydraulic oil reservoir mounted on curbside of chassis frame.
- D) Hydraulic return line filter to be located at reservoir.
- E) Heavy duty oil cooler with guard.

SEIB HYDRAULIC MAGNET SYSTEM

- A) Seib hydraulic magnet system.
- B) 32" Conventional Magnet.
- C) Boom Cables.
- D) Power Lead.
- E) 5 KW Generator.
- F) Flange and Coupling.

LIGHTING AND ELECTRICAL

- A) Electronic backup alarm mounted at rear of chassis.
- B) Amber strobe light mounted under streetside loader access ladder with lighted toggle switch in cab.
- C) Amber strobe light mounted center of head board with lighted toggle switch in cab.
- D) Two forward and two rear facing work lights mounted at loader frame and protected by access ladders with lighted toggle switch in cab.

MISCELLANEOUS

- A) Body painted black, wood sides are not to be painted.
- B) Triangular warning reflector kit mounted in cab.
- C) 3A-40BC, 5 lb. fire extinguisher mounted in cab.
- D) Back up alarm.
- E) Conspicuity striping.