7.8K CAPACITY SINGLE REEL TURRET
Model ECT20066

General:
- GVWR: 13,200 lbs.
- Empty Weight: 5,400 lbs.
- Total Capacity: 7,800 lbs.
- Overall Dimensions: 184 15/16" x 102" x 95 11/16" (L x W x H)
- Deck Dimensions: 115 13/16" x 72" (L x W)
- Hitch: Adjustable 3" towing eye, 60,000 gross trailer wt.
- Safety Chains: 3/8" grade 70 w/ 1/2" grade 70 clevis hook
- Tongue Jack: Hydraulic
- Outriggers: Two each side. 7k, side wind, drop foot. Each outrigger extends a total of 30" in 10" increments.

Running Gear:
- Tires: Size: 245/70R17.5 LRH
- Wheels: 17.5 x 6.75 with 8 bolts on a 6.5" bolt circle
- Brakes: Air 12.25" x 5" air brakes with spring brakes, auto slack adjusters and A.B.S. Spring brake release valve.
- Axles: 12,000 lbs, underslung, AB
- Suspension: 6,000 lbs. springs
- Breakaway system: Standard air glad hand with spring brakes

Frame:
- Frame Rails: 8 x 4 x 3/16 wall structural steel tube ASTM A500
- Cross Members: 8 x 4 x 3/16 wall structural steel tube ASTM A500

Body:
- Deck: 1/8" steel deck plate ASTM A786
- Structure: ¼" and 7ga. formed material.
- Access: Curb side only. Fold down front step and hand rail.
- Tool Boxes: Mounted on road side of trailer: (2) single compartment. All with recessed padlock hasp and cross linked paddle latches and gas springs.
- Other: Integrated wheel chock storage. Three D-Rings mounted on rear cross member. Turret rotation controls accessed from curb side. Steel Ground hoops attached at each corner

Finish:
- Preparation: Iron phosphate conversion treatment, chromium-free post treatment
- Primer: Epoxy ester high solids primer
- Top Coat: Polyurethane two component high-solids enamel
- Deck/Tool box lids: Spray on bed liner with aggregate added for slip resistance (black)

Electrical:
- Wire Harness: No internal splices, enclosed in protective loom.
- Electrical Connection: 7 pin plug
- Lighting/Conspicuity: Lighting to Federal D.O.T. standards. Conspicuity tape where practical
- Registration holder: Water resistant

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Turret: Reel Stand: 84”D x 60”W max reel. Bar and rotating assembly can be rated to 8,000lbs. Bar rides in bearing/retainer assembly on four sealed bearings. Pin-less interface with brake/drive mechanism. Twin 65” polyurethane covered rollers on each reel frame. Reel stand can be rotated 360 degrees in any direction.

Turret Bearing/Detents: Continuous rotation, low profile turntable bearing – 39” diameter with 26,400 lb. maximum axial load on bearing. Capable of 110,000# Trailer pull. Double safety lock (5X mechanical advantage) with bullet style latch indexes turret on 22.5 deg. Intervals. Latching mechanism rated to 35,000 lb. ft. torque. Turret secured to bearing by (14) 5/8” x 11 Grade 8 (74,153# shear per bolt). Reel frame and turret base removable for servicing of rotating mechanism. Bearing equipped with weather seal and multiple grease zerks for ease of service. Latching mechanism incorporates grease zerks at appropriate areas. Turntable assembly is rated at 8,000#.


Retriever: Hydraulically operated, reversible rated at 28,000 in.lb. Each of the three retrievers attached to a three section flow divider. Units will run at the same speed regardless of independent or simultaneous operation. Sprocket assembly guard protects user from drive mechanism.

Clutch: Can be set to freewheeling for tensioning or lock for retrieving. Zinc plated body with spring loaded, stainless steel pins engages sprocket and features an engraved aluminum handle for ease of operation with gloved hand. Clutch condition identifier engraved on handle.

Hydraulic System:

Engine: Honda 6.5HP four cycle two cylinder engine OHV (air cooled). Engine features electronic ignition, low oil shut down, electric start with battery. Engine guard is supplied. Engine mounted controls include: Throttle, choke, starter switch and hour meter.

Reservoir: Steel, ten gallon with removable lid. Bottom mounted drain, oil fill port and oil level/temperature gage. Oil filter back pressure (condition) gauge included near filter.


Special Features: System bypass allows remote powering of hydraulics. All removable fittings are dripless.