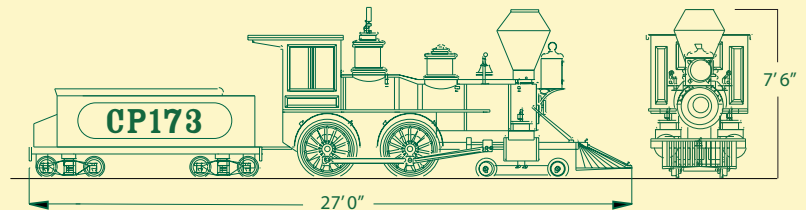


CP173

Half Scale

Locomotive Specifications

- Main Frame: Ladder type construction built from 2"x2" solid steel square bar
- Engine House: Framed with 1.5" square tubing covered with 10 gauge steel sheet metal (operator ride in cab)
- Boiler: Rolled 10 gauge steel sheet metal
- Smoke Stack: Rolled 10 gauge steel sheet metal
- Head Light: Cast Aluminum with Authentic light reflector and brass containment ring
- Steam Done: CNC Machined 6061 solid aluminum and brass plated
- Sand Dome: CNC Machined 6061 solid aluminum and brass plated
- Bell: Cast steel harp with solid brass cast bell machined to manufacturers spec.
- Whistle: Custom built 4 chime brass whistle, operated with air by the operator
- Drive Wheels: 30" drive wheels made from solid plate 4140 hardened steel and machined to spec.
- Drive Wheel Axles: 3" 4140 steel round material machined for tolerance press fit to wheels
- Drive Wheels are mounted with flanged bearings and utilize self leveling traction suspension system
- Pony Truck: Machined steel wheel supports with spring suspension, bearings and spring suspension
- Drive Wheels Traction: The drive wheels are powered by two hydraulic motors
- Cattle Guard: Fabricated steel painted to customer spec.
- Trim: Hand rails and supports are solid polished stainless steel, boiler straps are stainless steel and running deck simulated wood.
- Operator Controls Inside Cab: Tachometer, fuel gauge, temperature gauge, oil pressure gauge, hour meter, voltage gauge, PA system with microphone, light switches, start switch
- Paint: All parts are acid washed to remove all oils, rust prevention primer, filler primer and poly urethane paint.



Tender

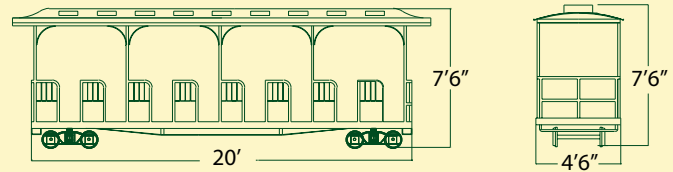
- Main Frame: 2" x 4" steel tubular frame construction
- Body: 10 gauge fabricated steel with opening top for maintenance
- Engine: Kubota V3300 or equivalent
- Hydraulic Pump: Sauer Danfoss 65 or equivalent
- Hydraulic Fluid Cooler: Electronic relay system turns cooling system fan on demand
- Hydraulic Reservoir: 40 Gallon fluid reservoir to high capacity cooling
- Hydraulic Hoses:
- Fuel Tank: 30 Gallon large capacity fuel tank
- Air Compressor: Hydraulic driven compressor for pneumatic system
- Pneumatic tanks: 2 air tanks with auto moisture drain plugs
- Pneumatic system: Electronically controlled pump and pressure operation
- Electrical System: 12 VDC system with dual batteries and large 165 amp alternator, solid state fused system
- Speed Controller: Solid State train speed controller
- Trucks: Soft Ride spring suspension with 12" 4140 CNC machined steel hardened wheels
- Brakes: Fail safe brake system
- Paint: Poly Urethane with rust prevention primer



Coach Specifications

- **Main Frame:** 2" x 4" tubular steel frame, angular cross floor supports, diamond plate 10 gauge floor
- **Seat Frames:** Steel fabricated decorative side frames
- **Roof:** Steel fabricated Pullman style roof with tubular supports and decorative gusset supports
- **Seats:** Oak seat slats finished with stain and marine sealer and urethane coating
- **Floor:** Floor covered with Rhino Lining non skid surface
- **Lights:** Running lights on each corner of coach and two overhead entrance lights
- **PA System:** Two overhead waterproof speakers
- **Paint:** Custom to customers specification, acid washed, rust proof primer and poly urethane finish
- **Trucks:** Soft Ride spring suspension with 12" 4140 CNC machined steel hardened wheels
- **Brakes:** Fail safe brake system

Open Coach Dimensions



Caboose Specifications

- **Main Frame:** 2" x 4" tubular steel frame, angular cross floor supports, diamond plate 10 gauge floor
- **ADA:** 40" Entrance door with electric-hydraulic wheelchair lift
- **Seat Frames:** Steel fabricated decorative side frames
- **Roof:** Steel fabricated Pullman style roof with tubular supports and decorative gusset supports
- **Seats:** Oak seat slats finished with stain and marine sealer and urethane coating
- **Floor:** Floor covered with Rhino Lining non skid surface
- **Lights:** Running lights on each corner of coach and two overhead entrance lights
- **PA System:** Two overhead waterproof speakers
- **Paint:** Custom to customers specification, acid washed, rust proof primer and poly urethane finish
- **Trucks:** Soft Ride spring suspension with 12" 4140 CNC machined steel hardened wheels
- **Brakes:** Fail safe brake system

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Short Caboose Dimensions

