

## All Metal First Model Prairie Carriage Specifications



**Material:** Ductile Iron, 65,000 lbs Tensile strength

**Components:** Trail = Ductile Iron

**Components:** Cheeks, Ductile Iron

**Total Weight:** Approximately 1000 lbs. (*the heaviest in the industry*)

**Metal Thickness:** Trail = 5/8" (five eighth inch)

Cheek, 1/2" (one half inch)

Wheels, Spokes & Fellies = solid

Hub= solid except hole for axle

Axle, 1/2" (one half inch) and solid

**Special Features:** 1) This carriage is all cast, NOT sheet metal welded up with hardware applied over metal. Ductile iron Axle (65,000 lb. tensile strength) made to original specifications with notches for cheeks exact to original specifications 2) Elevation screw box cast in solid brass. 3) All hardware constructed from either steel or ductile iron. 4.) All casting seams are removed and all metal components are ground and sanded smooth. 5) All hardware attached with Stainless Steel Fasteners.

**Exterior Finish:** 1) All Iron components are etched with a special Metal-Prep solution. 2) All metal components and hardware are painted with a High-Performance Red Oxide Primer. 3) Iron components are painted with an industrial two-part metal epoxy. 4) A faux wood grain finish is applied over epoxy finish. 5) Two coats of 100% Acrylic water base industrial finish is applied for final finish. The result is a strong durable finish that can still be easily maintained in the field unlike "Powder-Coated" finishes that have to be sent back to the factory for repainting.

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