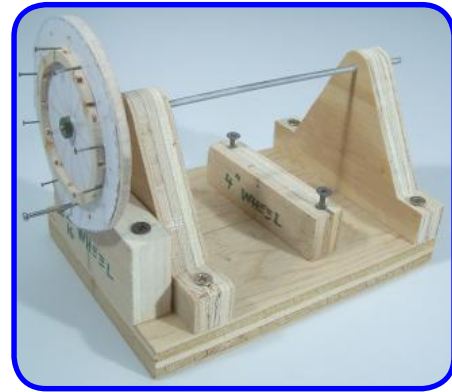


1906 Dumper Wagon

1906 Dumper Wagon Booklet consists of:

Assembly Drawings	Material List
Body Details	3-D Renderings
Construction Instructions	Body Spring Details
Dumper Operation	Tree Details
5th Wheel Details	Wheel Construction
“Iron” (brass) Details	



This is a Contractors Suspension Body Dumping following illustrations in the May, 1906, Carriage Monthly. To increase capacity, slanting boards were added as shown on these drawings. These boards can be modeled stationary or removable. Crossbars and pillars were mortised through sills to reduce breakage and therefor repair costs of the rough handling these wagons received.

The front wheels are low for sharper turning more accurate placement of materials being dumped. To accomplish getting the tongues at the appropriate height for horses the Lower Futchels are beveled at 3°.

These wagons were designed for contractors, especially in cities to cart refuse, ashes, and eventually even snow. This wagon could carry 3 to 4 tons of Anthracite coal. Contractors also used these wagons for road construction hauling soil, sand and gravel.

Sawmill “company towns” would use Dumper Wagons to haul scrap wood to residents to use in their cooking and heating stoves. Sawmills used them to haul slash and sawdust to Refuse Burners. Mining operations used them to haul ore.

Called a Dumper Wagon is obvious. Dumping was often accomplished by sticking a robust timber between the Spokes of the Hind Wheels, pulling the Tail Gate Rods, rotating the Latching Hook, then a Teamster backing the team unbalancing and dumping the material within the wagon body, dumping the load. Resetting the wagon was accomplished by reversing this process.

These wagons were pulled by two, sometimes four, heavy draft animals such as Clydesdales, or Ercheron horses.

Painted Bright Blue or Gray has been documented.