

# WILLAMETTE IRON WORKS

NORTH FRONT AND E STREETS,

One Block North of Steamship Landing, PORTLAND, OREGON.

**IRON FOUNDERS, STEAM ENGINE  
AND BOILER BUILDERS.**

Steamboat Machinery, Quartz Mills, Flouring Mills,  
Saw Mills, Horse Power and

**AGRICULTURAL MACHINERY.**

**JONVAL'S IMPROVED TURBINE WATER WHEEL,  
TYLER'S WHEEL,**

**TRULLINGER & WOODWARD'S TURBINE,**

Dunbar & Stevens' Patent Steam Piston Packing,

Holly's Patent Rotary Pump.

Wrought Iron Shutter Work and Castings for Building Fronts,  
and Ornaments of a variety of Patterns.

Quartz Mill Shoes and Dies of the best hard Iron.

Hoisting Machines, Retorts, Furnaces, Ranges, Grate Bars, &c.

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WM. E. COOPER.

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**WM. E. COOPER & CO.**



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Have on hand, for sale, and are manufacturing of the  
best Eastern Material, all kinds of

**CARRIAGES, PHAETONS, OPEN AND TOP BUGGIES, COUNTRY CARRIAGES,  
EXPRESS WAGONS, &c.**

Aside from the fact that it is to the interest of the community to sustain Home Manufactures, it will be our  
endeavor to sell at such prices, for Cash, as will be satisfactory to all who desire good work. All kinds of Car-  
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