

ESTABLISHED 1849.

St. Lawrence Engine Works,

No. 17 to 29 MILL STREET, AND CANAL BASIN No. 2,

MONTREAL,

W. P. BARTLEY & CO.,

PROPRIETORS.

TO STEAMBOAT OWNERS, CAPTAINS AND ENGINEERS.

Builders of Iron Steamers' Engines and Boilers ;
Builders of Screw Propellers' Engines and Boilers ;
Builders of Steam Yachts' Engines and Boilers ;
Builders of Steam Launches' Engines and Boilers ;
Builders of Grist Mills, Saw Mills, Breweries, Distilleries En-
gines ;
Builders of small Poney Steam Pumps for Steamboats, and the supply of Public and Private Buildings.

Builders of every description of motive Power for all kinds of
manufacturing purposes ;
Builders of Bartley's Compound Engine, and every other des-
cription of Compound Engine ;
Builders of large pumping Engine for the supply of Cities and
Towns ;

W. P. BARTLEY & CO.,

To Saw Mill and Lumber Men:

Builders of best Saw Mill Engines and Boilers, builders of im-
proved Circular Saw Mills, with ratchet feed head blocks, long
journals and Steel arbors
Builders of Mulley, Slabbing and Board or Deal Gangs.
Builders of Double and Single Edgers, Butters, &c., also circular
plane edgers.

Builders of Clapboard Mills, to saw two Clapboards going forward
and two returning ; log turned with the same operation—no loss of
time.
Shafting, Hangers, Pulleys and every description of Saw Mill
Machinery made on shortest notice.

W. P. BARTLEY & CO.,

SPECIALTIES.

The best Shingle Mills in the world. The Double Carriage Self-
Feeding Mill is capable of sawing from thirty to forty thousand
Shingles per day. No Saw Mill should be without one. Great
saving in working up waste lumber, ends of logs, &c., which can be
cut into first quality Shingles at very little expense.

The Single Carriage Hand-Feeding Mill is easily managed ; does
not get out of repair, and makes from fifteen to twenty thousand
Shingles per day.
Builders of the Gardiner Shingle Mill at a low price, it will saw
from 12,000 to 15,000 per day.

W. P. BARTLEY & CO.,

To Architects, Builders and Proprietors:

Iron Fronts, Iron Roofs, Wrought or Cast Iron Girders, Cast Iron
Columns, Window Sills, Lintels, Stair Plates, Railings, &c., &c.
Every description of Heating Apparatus for heating Buildings by
Steam or Hot Water. Force and Lift Pumps, Winches, Cranes,
Hydraulic Jacks, Screw Jacks, and every description of Hoisting

Tackle ; Patent Hoisting Apparatus for Stores or Hotels, Builders
of every description of Machinery for Extract Factories.
Heavy Loam, Dry and Green Sand Castings. We have the largest
stock of every description of Patterns in the Dominion, and can
consequently make Castings in a shorter time, and at a lower rate
than they can be made elsewhere.

Steamboat and Mill Repairs promptly attended to.

WATER WHEELS.

THE JONVAL TURBINE,

As made by the Bodine Manufacturing Co., Lowell, Mass.

THE TYLER WHEEL.

This is a well-known and most efficient wheel where the supply of water is good.

THE LEFFEL WHEEL,

As manufactured by Messrs. JAS. LEFFEL and Co., Springfield, Ohio, and by the JOSEPH HALL MANUFACTURING CO., Oshawa.

THE COLE OR SAMSON WHEEL.

Two of these Wheels can be seen driving the machinery of these
works.

We are prepared to construct any of the above Wheels, of all

sizes, ranging from 10 in. to 8 feet diameter ; and will furnish
any information relative thereto, on application.

STONE-BREAKING MACHINES.

We are also prepared to take orders for Archer's or Blake's Patent
Stone Breakers, the most efficient and powerful Machine yet used
for breaking Road Metal, and for crushing and reducing Rocks,
Ores, &c. These Machines are coming rapidly into use in all parts

of the globe, as they work very economically, and do away with a
large amount of manual labor, not always to be procured for that
class of work.