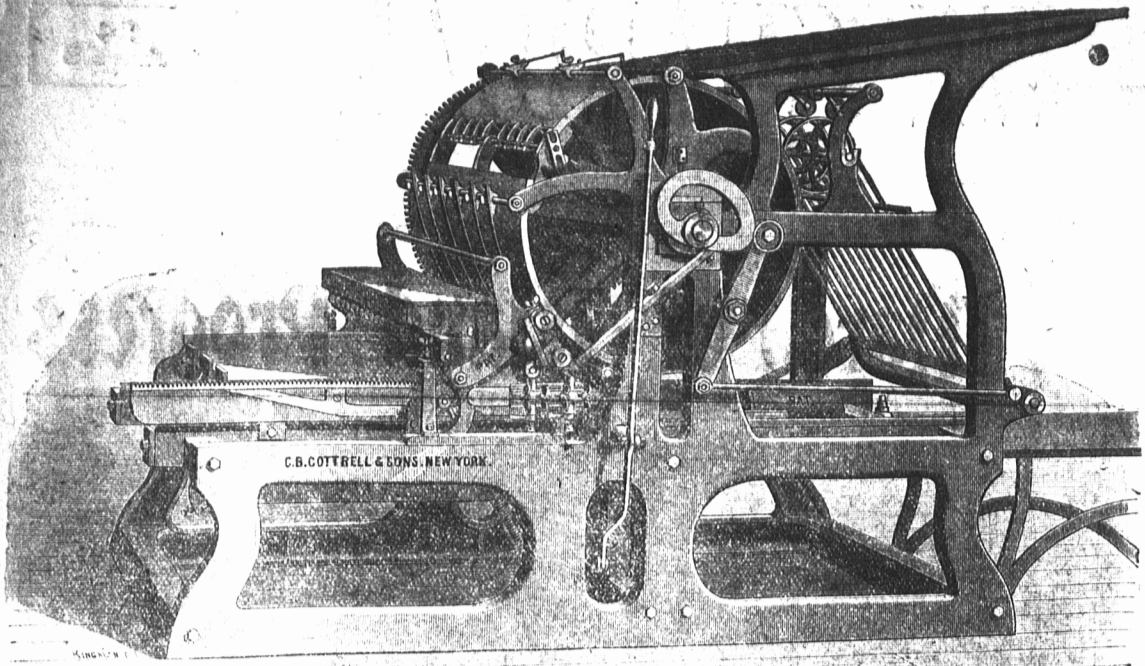


# IMPROVED WEB PERFECTING PRESS MARKS ANOTHER MILESTONE.



The Cottrell Press which printed The Guardian for the past eight years. A good press, but not equal to The Guardian's large and increasing output.

(Continued from page 1.)

forward the proper distance to sufficient blank paper for the next section, or the printing of the next page.

OVER THE ANGLE BARS. The printed web or paper leaves the equalizing roller it is slit by a cutting cutter, in two parts, one of which passes over a couple of angle bars bringing this portion of the web to the direct line elevator of the other.

At this point a thin stream of paste is applied to the inner sheet, securing the two parts of the paper together. Although the machine is capable of doing this work, it is thought best to employ a hand press for the present, for the convenience of readers. Both parts now together over the V-shaped former, practically makes the second fold.

CHANGING OF SIZE. The printed web, now brought to single size, passes through the short cut rollers which sever each complete page from the web. The third fold tucker strikes this on the center of the web and instantly it has the third fold made in it and is speeding the third fold delivery. But if in its way to the third fold the operator desires the fourth, or fifth fold, he touches a button and it is done in its swift course, and the here-iddle fourth fold tucker blade strikes it at right angles with the third and it drops between a pair of rollers and comes out at the fourth fold ready for delivery. An ingenious machine automatically counts the pages as they are delivered in the press.

WHAT IT REPRODUCES. The press replaces in this office a hand run cylinder and a newspaper printing press. It is the best that can be had and the product of the skill and genius of some of the brightest of printing presses in the world is not too good for the printer or for Charlottetown. The press is one of several improvements

ments which will make this office the most complete and indeed the best in the province. It is the only flat web press manufactured and performs the same duties for newspapers of the class mentioned as the great triple decked stereotyping press do in the large cities, where the circulations run to the hundreds of thousands; permitting the issuing of the paper in a few moments time at such a speed as to give the news to the public hot from the press almost as soon as received.

WHEN IT STARTED. When the press started and the great roll of paper began to unroll at one end, and the wide sheet travelled its way along the press to the other end, then turning travelled backwards to almost the starting point and began to drop from the folder which forms part of the machine, completely printed, folded, cut and counted copies of The Guardian, the expressions of praise by the onlookers were un stinted.



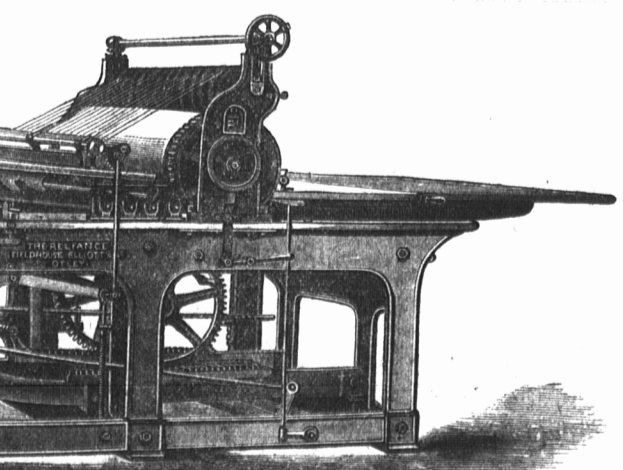
Hand Press now in use in The Guardian Office as a proof press, and on which early newspapers were printed.

A MECHANICAL MARVEL. The press is a mechanical marvel and so simple in its operation as to cause expressions of wonder from the observer. It is driven by a new and modern ten horse power Goldie & McCulloch Gas Engine, imported expressly for the purpose which supplants an excellent six-horse-power engine of the same manufacture, but not of sufficient power for the press.

MILES OF PAPER. About one and a half miles of paper are passed through the press in printing each issue of The Daily Guardian. Thus the web of paper which is consumed in printing the issues of the journal for about five months, if spread over the P. E. Island Railway would cover the entire track from Tignish to Souris, including the Cape Traverse, Georgetown and Murray Harbor branches from end to end.

TESTED AND SET UP. The press, before being shipped was set up and tested in the Duplex Printing Press Co's works at Battle Creek, Michigan. It was placed in position in The Guardian Press Room by L. E. Carrigan, an expert press machinist and erector who was sent to Charlottetown by the manufacturers for this purpose, and has since remained to instruct the pressman how to operate the machine. Mr. Carrigan has shown the fullest capability, coupled with untiring energy and unremitting effort in his work.

THE GUARDIAN LEADS. The Daily Guardian was established in 1891 and was printed on an old Fairhaven Press imported many years previously. The Guardian was then a four-page, six-column newspaper with a very limited circulation. But it soon outgrew the capacity of the old press, and in 1896 a new Cottrell Press was installed, the first of the kind ever imported to this Province.



The Wharfedale Press, in common use by many newspapers previous to the introduction of the Cottrell Press.

After being in use for about three months a larger and more up-to-date motor was procured which continued in use for a year longer. The current for both these motors was supplied to The Guardian by C. P. Welsh, (since dead), Superintendent of the Full Electric Company.

FIRST TO USE GAS POWER. This being found too expensive, a 34 H. P. Otto Gas Engine was imported from Philadelphia—this also being the first application of gas for power purposes within the Province. In the meantime in 1897 The Morning Guardian was enlarged from four to eight pages, thus becoming the first eight-page daily in the Province.

IN THE PROVINCE. It was then found that more power was required to operate the press and folder satisfactorily, and as a result a new six-horsepower Goldie & McCulloch Gas Engine was purchased.

FIRST PERFECTING PRESS. The Guardian continued to grow and again rendered necessary the installation of increased power and a new press—resulting in the present up-to-date Web Perfecting Press—also the first in the Province. In adopting the name of The Charlottetown Guardian this journal was also the first among the Island dailies to honor in this way the capital city of the Island.

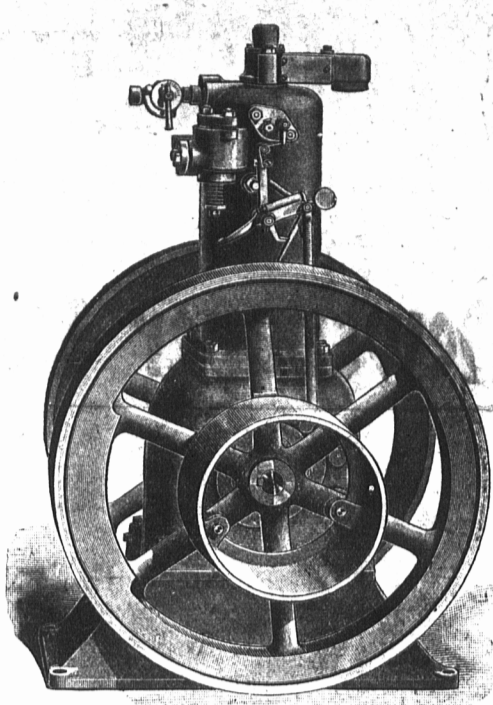
TWELVE YEARS PROGRESS. Thus in little more than a dozen years The Guardian has grown from a modest four-page daily and four-page weekly, printed from flat sheets and fed by hand

into an old Fairhaven Press operated by hand power, and folded by hand, to an eight to sixteen page daily and 20 to 32 page weekly, printed from a roll of paper on a Web Perfecting Press, folded and counted complete at one operation entirely by machinery.

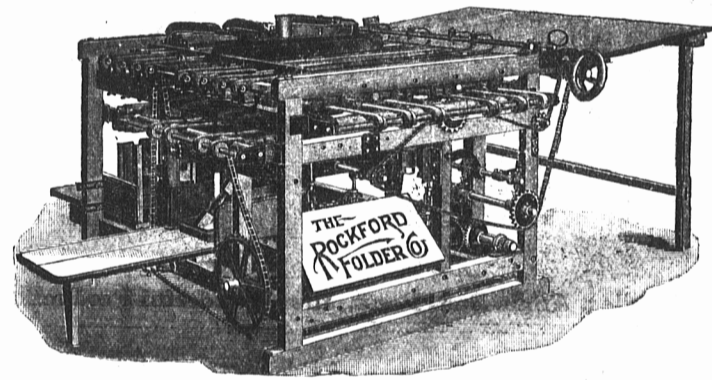
This is made possible by the thorough appreciation of the reading public for a newsy, clean and independent journal and the intrinsic value of The Guardian as an advertising medium by the enterprising and progressive merchants and business men of the City and Province, for which the management expresses its hearty thanks.

COME AND SEE. A cordial invitation is extended to all subscribers, patrons and the general public to visit The Guardian establishment and see the new press and engine.

The Guardian's Rockford Newspaper Folder, formerly used, which has insert attachment to form twelve page papers, the first of the kind in the Province.



The Otto Gas Engine formerly used by The Guardian, and the first application of gas for power purposes in the Province.



The Guardian's Rockford Newspaper Folder, formerly used, which has insert attachment to form twelve page papers, the first of the kind in the Province.

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