

THE "FAIRHAVEN" PRESS.

Among the numerous presses exhibited at the Centennial, is the celebrated "Fairhaven," designed for country newspaper, book and job work. It runs either by hand or steam power, by the former giving 800 or 900 impressions per hour. The more popular sizes are these with the following beds: 31x46, weight 4500 pounds; and 28x40, weight 3800 pounds. There is one special circumstance to be remembered in connection with the Fairhaven press; it is all made and constructed under one roof, and under the eye of an experienced and thorough workman. Wherever there is a wearing part it is made of steel, while the gearings are of the most approved manufacture, cut with precision and very strong.

The press is making many friends at the Exposition, where there are so many and varied styles of presses that have not a fraction of the merit possessed by this "Fairhaven." The cylinder makes two revolutions to each impression, insuring a perfect print. There are but three rollers used; while the inking apparatus, a novelty in itself, is under instant control of the feeder, who can regulate the flow of ink without moving from his place. The 31x46 prints 26x42 inches solid type; the space occupied by the press being in the neighborhood of 7x10 feet.

The great improvement which is noticeable in the Fairhaven press consists in the mechanism employed to give its bed its quick reciprocating motion. Upon a rocker shaft, which is placed about centrally on the lower part of the press, and has a bearing on both frame sides, is keyed a long slotted arm or lever. In the slot of this arm there slides a square box, which serves for a bearing to the pin attached to the rim of a large spur wheel. At the other end of the slotted arm there is a connecting link between the arm and the extremity of the bed. When the press is in operation, the pin in the rim of the wheel partakes of its circumferential movement, and revolves with it, giving motion to the slotted arm, which, having the rocker shaft for its centre, describes in its movement the arc of a circle, and by means of the connecting link, the bed obtains its reciprocating motion. The company experimented with this motion for a number of years, and found it vastly superior to the extensible lever which was formerly used. The latter has an uncertain slipping tendency which would show itself in imperfect register at times, and also on account of the friction was not only liable to break but also to raise the bed from the rib rollers. While with the present motion, the bed is firmly held by the lever and link, giving perfect register, the friction is much less, with no chance for breakage, and there is no tendency for the bed to lift.

As a proof of the popularity of these presses with the craft, there is never one to be found at second hand. The Boston & Fairhaven Iron Works employ sixty men, and their trade extends all over the United States and Canada, increasing with pleasing rapidity.

The PRINTERS' MISCELLANY is the name of a monthly publication that has recently been issued by Mr. Hugh Finlay, the popular foreman of the St. John, N. B., Telegraph. It is exceedingly well got up, and contains a good amount of matter of interest to the fraternity. We advise every printer to subscribe to it. Only \$1.00 per annum.

THE "RELIANCE" WHARFEDALE.

We recently imported a "Double Royal" machine for the St. John's (P. Q.) NEWS, and a "News" for the Stratford HERALD. The latter, in its issue of August 30, says:—

"The Wharfedale Press imported on our account, direct from England by the Dominion Type-Founding Company of Montreal and Toronto, possesses all the very latest labor saving machine improvements, does its work rapidly and well, and is capable of throwing off from 1500 to 2000 impressions an hour, giving us unexampled facilities for the execution of the largest or the smallest kind of job work."

THE CAMPBELL PRESS.

We are agents for the Campbell Printing Press Manufacturing Co., of New York. An important improvement has just been added to their celebrated Country News Press—a screw distributor, and reel rods and tympan nippers in the cylinder. Price, \$1050.

MESSRS. C. POTTER, JR., & Co., New York, have been obliged to increase the price of their celebrated "Special" to \$1150. They write us:—

"We started to make it, and set the price fixed (\$1050) when we designed to use only cast gears instead of cut iron tracks, instead of steel and without regular rack and screw. All these things have been reversed and other things added not originally contemplated so that after building twenty-five of them we find we cannot afford them at the price heretofore asked, neither for our reputation's sake can we afford to make an inferior machine. There is not its equal in the market for anything like its price." We are agents for Messrs. Potter. Two of their machines are working in Cornwall, in the Freeholder and Reporter offices respectively, and they give great satisfaction.

Owing to the recent reduction in cost of labor and material and the great improvements lately made in their works, Messrs. R. Hoe & Co., New York, announce a large reduction in the prices of all their presses. Send for price lists.

The Wm. H. Page Wood Type Co., the best makers of wood type in the world, reduced their price list on the 18th September.

We recently received, from England, a very excellent Paging machine, and first class Treadle and Lever Perforating machines. Send for prices.

The TIMES PRINTING COMPANY, Hamilton, (Mr. Geo. M. Bagwell, Superintendent,) recently sent us one of their new business cards. It is in nine colors, tastefully designed, and reflects much credit on the compositor, pressman and establishment. There are few, if any, offices in Canada ahead of the TIMES in the production of first class work.

We have also received specimens of printing from the REVIEW office, Peterborough, and GAZETTE office, Sherbrooke. The Oddfellow's dedication card from the former is a beauty, and the business card of the latter shows good taste and workmanship.

TYPE-SETTING TOURNAMENT.

The following is the result of a Type-Setting Tournament, which was held in Perry's Hall, Montreal, on the 23rd September, and which excited considerable interest among the type's. The tournament lasted two hours and the number of ems set were:

Thomas Alty, of Larkin's Job Office, 1st prize—Silver Medal, Webster's Dictionary (Unabridged), and \$12, cash.....	3,630
Wm. S. Humphreys, STAR, 2nd—"Poets and Poetry of Printerdom," silk hat, and \$8, cash.....	3,604
Alphonse Mondou, LA MINERVE, 3rd—Graham & Co's prize, consisting of a complete edition of the Waverley Novels, in 25 volumes, of the "pocket" size, issued by Adam & Charles Black, of Edinburgh; a case of English Razors, and \$6, cash....	3,550
John T. Wardley, GAZETTE, 4th—"T. & R. White's prize (a watch), writing desk, and \$5, cash.....	3,498
A. Barrette, WITNESS, 5th—Newspaper Scrap-Book, Inkstand, &c., and \$5, cash.....	3,339
Isaac Glennon, WITNESS, 6th—\$6, cash....	3,312
Alex. Allan, GAZETTE, 7th—a Hat valued at \$5.....	3,206
Dan. McMullin, GAZETTE.....	3,021
Thos. Gilman, HERALD.....	2,968
Samuel L. Kydd, GAZETTE.....	2,915
George Birnie, HERALD.....	2,915
Alfred Sabourin, LE NOUVEAU MONDE.....	2,915
Alfred Clement, MINERVE.....	2,888
John Lynch, WITNESS.....	2,835
James Williams, GAZETTE.....	2,756
Wm. Hibbins, HERALD.....	2,703
Alex. Walker, HERALD.....	2,623
D. Taylor, STAR.....	2,464
A. Filiatreault, GAZETTE, withdrawn.	
Wm. Logan, HERALD, withdrawn.	

The judges were Messrs. Pierre Griffard, of Mr. A. A. Stevenson's; President of the Jacques Cartier Typographical Union, No. 145; Alex. Dunlop, of the HERALD, and Wm. Dalton, of the GAZETTE. The referee was Mr. D. Bentley, and the proof-reader, Mr. Babcock, of Messrs. Babcock, Higgins & Co.

The prizes were awarded by Mr. Richard White, Vice-President of the Dominion Type-Founding Co., who in a few well chosen remarks complimented the respective winners, who in turn were respectively cheered.

THE "RELIANCE" CUTTER.

We have on hand a 32-inch "Reliance" Guillotine Cutting Machine, manufactured expressly for us by Messrs. Fieldhouse, Elliott & Co., Otley, England. It is a beauty. Complete with steam power. Price \$450.

"THE DOMINION PRINTER."—Nous avons reçu le dernier numéro de ce journal imprimé avec un véritable luxe typographique par la Compagnie de fabrication de caractères d'imprimerie de la Puissance. Ce numéro contient beaucoup de nouvelles intéressantes relatives à cette branche d'industrie. La belle apparence de cette publication fait honneur à l'esprit d'entreprise de ses promoteurs, et on peut dire avec raison qu'elle est au-dessus de la plupart des feuilles du même genre publiées au États-Unis par l'excellente qualité du travail et le choix des matières. Nous apprenons que la Compagnie en question se propose de fonder une succursale à Toronto, et nous souhaitons à cette entreprise si utile, tous les succès qu'elle mérite à juste titre.—LA MINERVE, 13 Juin.

We have on hand, in Montreal and Toronto, a full line of Johnson's celebrated inks; also Wilson's and Lighthody's superior news inks.