

The Canadian Printer.

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Montreal Type Foundry.

ESTABLISHED HALF A CENTURY.

C. T. PALSGRAVE, PROPRIETOR.

1 St. Helen St., Montreal.

33 Colborne St., Toronto.

OUR long experience enables us to offer as large a variety of *Printing Types* and all the appurtenances of a printing office as can be found in any establishment, and of a quality which we guarantee to be unrivalled. The composition of the metal used is calculated to afford the greatest durability, while the scrupulous care exercised in its manufacture is such as to insure perfect accuracy and squareness of body. Our facilities are extensive enough to enable us to fill orders of any size or amount.

NEW

Scotch-cut Book and News Type

JOB, FANCY AND WOOD LETTER,
SCRIPTS AND BORDERS,
LABOUR-SAVING RULES,
CUTS, INKS AND BRONZES,
BRASS BRACES AND CIRCLES,
LABOUR-SAVING METAL FURNITURE,
AND PRINTING MATERIAL GENERALLY.

ENGLISH WHARFEDALE PRESSES,

OF AN IMPROVED MAKE.

HOE'S CYLINDER PRESSES,

GORDON'S, New York and Oshawa,

ENGLISH LITHOGRAPHIC PRESSES,

BOOKBINDERS' IMPLEMENTS,

PAPER CUTTERS,

AT MANUFACTURERS' PRICES.

THE LATEST NOVELTIES

In the typographic art from the leading American foundries.

Our Specimen Book will be sent by mail to all printers wishing to make orders.

Courteous attention, quick dispatch, and terms as liberal as those of any respectable house.

C. T. PALSGRAVE,

1 ST. HELEN ST., MONTREAL.
33 COLBORNE ST., TORONTO.

HARD TYPE, AGAIN.

Again we refer to the hard type question. It seems to be the bugbear of the printing business.

Our experience, as well as that of first-class United States foundries, has proved the futility of manufacturing type of which the *only merit* was in its *hardness*. It is amusing to read the test proposed by an old country friend that "the respective strength of the qualities may be ascertained by rubbing a type of each, face against face, or what is better, the edge of one against the edge of another, proving which sustains the least injury by the friction." This brilliant suggestion might be improved by the substitution of a piece of glass for the famous Scotch hard metal type. Glass would certainly *scratch away the face of the type, and no one would be so absurd as to try how the hard glass would stand under the impression to which type is subjected*. Scotch hard metal, if it has the special quality of glass, must also have its brittleness under an impression, and this is a quality for which the printer would be loath to pay.

The result of our experiments on various type alloys proves the fact, that in order to produce a type with the largest amount of durability (and consequently of most profit to the purchaser), it is absolutely necessary it should possess the property of *TOUGHNESS* to resist the lateral action of the cylinder, as also the horizontal pressure of the hand press.

A paragraph which we have lately seen in the *Printer's Manual*, aptly illustrates the facts we state above:—

"The idea which some printers have, that the harder the type metal is, the better the types will be, is erroneous. If it be made over a certain degree of hardness, the hair-lines will crumble under the impression to which they are generally subjected on the printing press.

"Printers, generally, put too much impression on their types when first used, and by this means they become injured in such a manner, that each time they are required to be used afterward the impression must be made heavier, so that by the time fifteen or twenty jobs are done the types are not worth more than the price of old metal; and when they are thus worn out—say by four or five months' bad usage—the fault is laid at the door of the type-founder, when, in fact, it is caused by their own negligence and ignorance."

WRINKLES.

Shaded presswork, or lapping one colour with another and finishing with bronze, is produced by shifting the gauges to give the shade desired, using the same form or lines from it as many times as there are to be variations of shade. The lightest colour is printed first. Thus, if orange, light blue, and black are to form the shades under the bronze; they should be printed in the order we have given them. When thoroughly dry, print with gold size to hold the bronze. When the bronze is to form an intermediate shade between inks, and a solid colour is to complete the work, white size must be used, and dry powdered colours applied in the same manner as bronze. This produces an elegant effect, if nicely done.

Only such inks as dry quickly, and become hard, should be used for shaded work, as much delay and trouble will occur from inks that dry slowly. It sometimes happens with the best inks, however, that spots will not dry in due season. By rubbing finely powdered soapstone with cotton wool over the work, previous to bronzing, the defect will generally be removed.

Tinted grounds are usually printed first; but when they are lined and in delicate tones, and the covering matter is in a strong color, they may be printed last with quite as good an effect as if done at first, provided the color is perfectly dry.

When forms are to be printed in several colors, care must be taken that the same gauges are used in printing the first section throughout, if the sheets are not pointed. Otherwise more or less trouble and vexation may be expected when the divided portions of the entire form are brought together, and exact register is necessary. Several impressions of each section of such work should be taken on common paper, whereby to adjust those which follow, thus obviating the spoilage of good sheets.

In cases where a line must be printed in two colours, to be made complete, or where letters are divided for two colours, the adjustments should be made with metal quadrates, or furniture and leads so placed that the pressman may shift them to make register if necessary.—*Harpel's Typograph*.

The Canadian Printer.

OUR APPEARANCE.

With much pleasure we again send our "nonpareil sheet" to each and all of the craft, laden as it is with a goodly freight—much of which is new to many, and all will find in it business items worth perusal.

Since our last issue, arduous duties in the foundry have claimed our close attention, and the publication has in consequence been retarded. In the future we hope to see the CANADIAN PRINTER a regular visitor in every office, and a renewal of old acquaintance will we trust prove of mutual benefit.

The latest novelties in the "art preservative" will find a prominent place in its pages, and printers desirous of investing in second-hand machinery and material will find bargains constantly offered in its columns.

With many thanks for the favours of the past, we are confident our renewed endeavours to develop and extend an important and growing manufacture of the Dominion will meet with the same generous support in the future.

OUR NEW SPECIMEN BOOK.

The increasing requirements of the trade decided the issue of another edition of our sample book.

Eliminating all obsolete styles, and issuing it in an octavo form, containing specimens of new Scotch-cut Book and News Letter, and a large and varied assortment of the latest styles of Job and Fancy type, we feel flattered it will commend itself to the admiration of the printer.

In sending orders do not cut or mutilate the book, the name over each style is quite sufficient.

WHAT WE SHOW.

The handsome series of Eureka Texts shown on our specimen page will well deserve the admiration of the craft.

For bill-heads, display lines and check headings, it competes saucily with plate engraving.

The whole series is cast on square bodies without projections, and printers are well aware how much the durability of type is promoted by the avoidance of kerning.

The Phidians, ornamental in style and condensed in character, will claim a place in every cabinet.

We call special attention to the new nonpareil on which this number is printed, and which is got up expressly for use in the job office. Is it not handsome, clear and symmetrical? For wearing qualities, we can guarantee its durability.

ARTISTIC PRINTING.

There are some printers—and whom we might designate a class—of a jog-and-go-easy turn of mind, who have but the faintest conception of ever exceeding the mere requirements of the trade; and who, if they can but succeed in satisfying their patrons with what they have, are quite content. To this class the purchase of a new face or the latest novelty is an absolute loss.

Now, we are among those who stoutly maintain that typography is as much an art as painting, music, etc, and we consider the printer who aims to excel should share the enthusiasm of the artist.

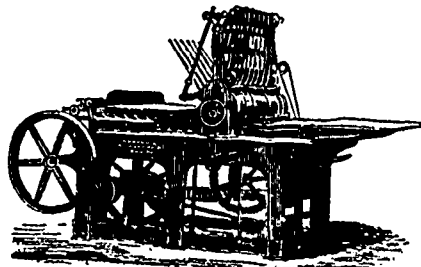
There is a strong tendency now-a-days, consequent no doubt on keen competition and low prices, to degrade the art instead of raising it in excellence. As the poorest chromo looks but a daub beside the original design, so do many specimens of printing which we have seen compare with the production of a craftsman who had soul in his work.

It is gratifying, however, to find that there are still many of the craft who have pride enough in the "art preservative" to avail themselves of every means for the production of tasteful and artistic printing. To these we say: "Lead on, gentlemen; 'Excelsior' is your motto."

SPACES AND QUADS FOR JOB FONTS.

Printers will please note when ordering that it is not our custom to put up spaces and quads with job fonts unless when specially ordered.

THE RELIANCE-WHARFEDALE PRESS.



Of all English cylinder presses imported into Canada, the Reliance-Wharfedale machine is, in point of build and finish, decidedly the best.

The Reliance-Wharfedale now offered to the trade by C. T. Palsgrave, the sole authorized agent in this country, possesses the following advantages over other Wharfedales, and which printers intending to purchase would do well to note:

1st. The arrangement for the tapes is such as to allow of their adjustment immediately; in others there is much time lost in making tapes ready.

2nd. The fly can be instantly detached when the press has to work posters or awkward forms which require to be taken off by hand; in others it is a fixture.

3rd. Its immediate delivery of sheet without waiting for next impression to complete movement.

4th. Its advantage for extra rolling; its distribution is double that of other Wharfedales.

5th. It is strongly built, and in every sense of the term a first-class English machine.

The following are standard sizes:—

Large news size, to print a form	50 x 39
Nows " " " "	48 x 36
Double royal " " " "	42 x 29
Double demy " " " "	36 x 24
Royal " " " "	26 x 20

Complete with flors, pointing apparatus, moulds and two sets of roller stocks.

Prices on application.

HOW TO TREAT WOOD TYPE.

To prevent warping, all very large wood type should be set up on the edge when put away, so that both sides may be exposed equally to the air. In cleaning it, neither ley nor water should be employed under any circumstances. Turpentine, camphene, benzine, or kerosene oil may be used; but turpentine and camphene are the best. Procure a small, shallow pan; lay the form flat on a board; pour about six table-spoonfuls of turpentine into the pan; touch the face of the brush to the turpentine, and pass it quickly over the form before it evaporates.

BALD-HEADED NEW YORK EDITORS.

The following curious lot of personality is from the Troy Budget:—

"It is a curious fact that nearly all the leading editors of New York city are bald-headed. I have prepared the following statement with a great deal of care, and you can rely upon its correctness:

Name.	Paper.	Cause of Baldness.
Jas. G. Bennett,	Herald—	Excessive worship of the Herald.
Horace Greeley,	Tribune—	Wearing his white hat too much.
Jo. Howard,	Star—	M. T. Juggler.
Manton Marble,	World—	High toned Democracy.
Chas. A. Dana,	Sun—	Intense rays of the Sun.
Brick Pomeroy,	Democrat—	Early plety and overwork.
Wm. C. Bryant,	Post—	Old age.
Geo. W. Jones,	Times—	General aggravation.
Wm. C. Prince,	Jr. of Com—	Too much gunny bags.

"The other metropolitan editors, so far as I know, have hair on their heads where the wool ought to grow."

TO WHOM IT MAY CONCERN.

When you forward old type, Mark your name distinctly on every box or package sent, and forward by post a shipping receipt or bill of lading as soon as the type is despatched.

The Canadian Printer.

LATEST STYLES OF FANCY LETTER.

GREAT PRIMER PHIDIAN.

Price, \$3 75.

Send your orders for Printing Material to the Montreal Type Foundry

TWO-LINE GREAT PRIMER PHIDIAN.

Price, \$6 20.

Extra Tough Metal Type Superior to any Imported

DOUBLE PARAGON PHIDIAN.

Price, \$6 60.

Montreal Type and Electrotpe Foundry

TWO-LINE ENGLISH EUREKA TEXT.

Price, \$7 60.

Send for our New Specimen Book

DOUBLE GREAT PRIMER EUREKA TEXT.

Price, \$9 00.

English Wharfedale Presses

DOUBLE PARAGON EUREKA TEXT.

Price, \$9 20.

Printers' Warehouse,

Toronto.

FOUR-LINE PICA EUREKA TEXT.

Price, \$9 90.

Encourage Home

Production

The Canadian Printer.

THE
Montreal Type Foundry,

1 ST. HELEN ST., MONTREAL.

PRINTERS' WAREHOUSE,

33 COLBORNE ST., TORONTO.

C. T. PALSGRAVE, Proprietor.

OUTFITS for printing offices supplied with prompt despatch, and at a cheaper rate than anywhere on the continent.

Estimates for news and job offices in detail cheerfully furnished.

United States Fancy Type and Wood Letter sold at current rates.

LABOUR-SAVING METAL FURNITURE.—A most desirable and convenient article for a printing office. The pieces are cast in a mould, and are finished with the strictest regard to accuracy, so that the printer who takes pride in the perfection of his work may rely upon them as a most serviceable auxiliary. This article is equally valuable as furniture for the imposition of forms, posters and colour-printing. The smallest fount weighs 50 pounds—20c. per lb. For sale by
C. T. PALSGRAVE,
Montreal and Toronto.

LABOUR-SAVING BRASS RULE.—This admirable rule is cut accurately of various lengths, differing an en and em piece, and will be found of vast utility in table or job work, rendering the use of shears and file entirely unnecessary. Mitred corners are furnished with every fount. We make it as single, double, parallel and dotted, of various faces. Every piece is marked with the number ems it measures, so that it cannot get mixed with ordinary scrap rule. Cases are furnished specially adapted to fit. For sale by
C. T. PALSGRAVE,
Montreal and Toronto.

ELECTROTYPING—By the New Patent Process, of Books, Music, Wood-cuts, Jobs, and News Headings, at reduced rates.

ROLLER COMPOSITION—Of a superior quality, recasts readily, and is easily prepared. 35c. per lb.

ZINC GALLEYS—A new article, as lasting as brass, and at half the price:—

Single column, lined	\$1 75
Double " "	2 00
Law case, " "	2 25
Quarto, " "	2 00
Large Quarto, " "	2 25

THE AMERICAN PRINTER.—A manual of typography, containing complete instructions for beginners as well as practical directions for managing every department of a printing office, with several useful tables, numerous schemes for imposing forms, hints to authors, etc. By Thomas MacKellar. Price, \$1 25. For sale by
C. T. PALSGRAVE,
Montreal and Toronto.

LEAD-CUTTERS—Of a new and improved pattern. Cannot be put out of order. Price, \$4 00. For sale by
C. T. PALSGRAVE,
Montreal and Toronto.

CHEAP WOOD TYPE.—W. H. Page & Co.'s superior wood type has sustained for the past fifteen years an universal reputation for beauty, truth and durability. It far surpasses the stuff imported from England—where it is largely used, notwithstanding the great difference in rates—the bulk of which is cut on sycamore, which neither has the durability nor allows of the finish to be attained in maple. A large reduction has been made off price list. Prices on application.
C. T. PALSGRAVE,
Montreal and Toronto.

NEW PUBLICATIONS.—THE PRINTERS' PRICE LIST; by Theo. I. DeVienne. This is a new edition enlarged and improved, a very useful and comprehensive work, which will be found invaluable to the master printer. Price, \$5 00.

HAREL'S TYPOGRAPH, or, Book of Specimens. A valuable volume of fresh and practical ideas, and real examples of letterpress printing. Should be in the hands of every printer. This book contains upwards of 300 pages of text and printing, handsomely done from type forms. The paper used is of the finest quality, and the *tout ensemble* is excellent. Price, \$6 00.
For sale by **C. T. PALSGRAVE,**
Montreal and Toronto.

BARGAINS!

NORTHUP PRESS,
Royal size; adapted for poster work—Cheap.

PALMYRA JOB PRESS,
9 x 13; good order.

GORDON ALLIGATOR,
Prints 12 x 18; good as new.

FOOLSCAP HAND-PRESS,
Good as new.

No. 2 HAND-PRESS,
First-rate condition.

MONTAGUE PRESS,
24 x 32, with fountain and steam fixtures.

No. 3 HAND-PRESS,
Good running order.

TAYLOR CYLINDER,
Royal size, now running, and in first-class condition.

RUGGLES JOB PRESS,
Bed, 10 1-2 x 15; excellent order.

AN ADDRESSING MACHINE,
Manufactured by Levey; bed, 24 x 18.; new.

No. 3 OSHAWA GORDON,
Excellent condition; selling to get a cylinder.

A GUILLOTINE PAPER CUTTER,
Good order.

FOR SALE—A country News and Job Office. The office is in a rapidly growing place. Will be sold cheap. Address "ALPHA," care of C. T. PALSGRAVE, Toronto.

SECOND-HAND TYPE—Cheap.

42 pounds of Nonpareil, 3 nick, in cases.	
93 " " " 3 nick.	
105 " " " 3 nick.	
128 " " " 2 nick, in cases.	
78 " " " Brevier, 2 nick.	
73 " " " Bourgeois, 3 nick.	
200 " " " 3 nick.	
279 " " " 3 nick.	
351 " " " 2 nick.	
130 " " " Long Primer, 3 nick.	
94 " " " 2 nick.	

For sale by **C. T. PALSGRAVE, Toronto.**

PRINTERS, ATTENTION!—150 founts of Job Type; perfectly new; 40 per cent. discount. Send for specimens.
For sale by **C. T. PALSGRAVE,**
Montreal and Toronto.

COUNTRY OFFICE FOR SALE.—Situated in a thriving locality. The office has a good run of custom, and the plant is in good condition. Address, "TYPO," care of C. T. PALSGRAVE, Toronto.

21-HORSE STEAM ENGINE, FOR SALE. Address C. T. PALSGRAVE, Toronto.

A FIRST-CLASS JOB OFFICE—Type and presses of the newest style, with a standard run of work. In a splendid locality. Satisfactory reasons given for selling. Address "PRINTER," care of C. T. PALSGRAVE, Toronto.

CABINETS OF CASES, for Job founts, filled with upper, lower and italic cases, as required:—

10 two-third cases	\$18 00
16 " "	22 00
20 " "	26 00

10 per cent. extra for italic cases.
Moveable galley top..... 1 50
For sale by **C. T. PALSGRAVE,**
Montreal and Toronto.