

THE "TRINKS-BRUNSVIGA" FOR MEN OF BUSINESS

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| ◆ The human factor ◆ |
| <p>The human mind is not made to do continuous mechanical work with infallible accuracy. It is made for something better. The TRINKS-BRUNSVIGA machine is made for nothing else. It saves your clerks mental fatigue and reserves their energy for more valuable work.</p> <p>Errors in invoicing run away with money and offend your customers.</p> <p>Errors in book-keeping, balancing, stocktaking and costings are a perpetual leakage of profits. The TRINKS-BRUNSVIGA stops every leak of this kind.</p> |
| ◆ THE VARIOUS MODELS ◆ |
| <p>Every TRINKS-BRUNSVIGA model is of perfect design and workmanship. Every model is what is called "foolproof": it cannot be broken or damaged in working by a careless operator. There are no fragile parts. Every model is robust in construction, unbreakable and practically everlasting.</p> <p>TRINKS-BRUNSVIGAS sold twenty years ago are working to-day, without having caused any expense for repairs.</p> <p>This is due to the fact that wear is prevented by antifriction devices and to the severe testing of all the friction parts of every machine.</p> <p>To maintain this reputation for durability, new features are never adopted until they have been tested by prolonged and severe trial. All machines are guaranteed for 1 year.</p> <p>The different models vary only in capacity, size and time-saving devices. The characteristics are described under the illustration of each model.</p> <p>The miniature and the standard models are the most compact. The miniature models are of light weight, portable and practically noiseless. They work in a whisper.</p> |

"Trinks - Brunsviga" is the Standard of Efficiency and Strength

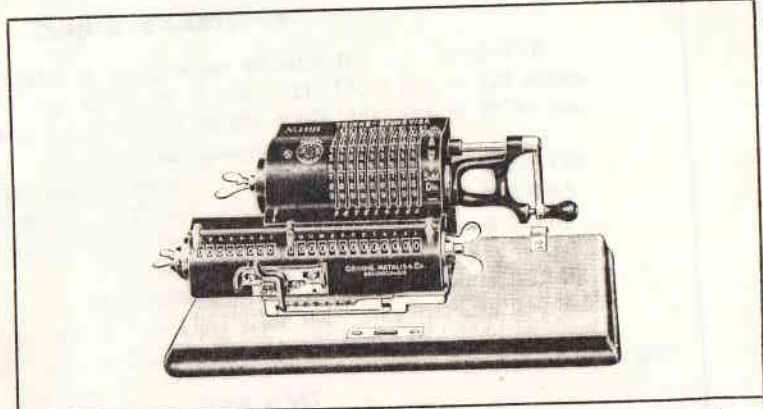
aus: The Brunsviga for men of business, London, Sept. 1913

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| Some of the miniature models combine compactness with great capacity (up to the maximum capacity of twenty places). |
| ◆ New features ◆ |
| <p>The new models have lengthened setting levers with white handles, and it is impossible to overlook any of them if these levers are cleared by pushing them back by hand.</p> <p>Another new feature is a check register which shows in a row the figures set by the levers, enabling the operator to see at a glance that he is using the right sum.</p> <p>In the new models the three registers — the check register which shows the multiplicand, and the product register — are placed one above the other, which gives all the figures of the calculation in one line, directly in front of the operator.</p> <p>We are always glad to advice customers as to the most suitable model for their purpose, and to explain the special advantages</p> |
| QUALITY AND SERVICE |
| have built up the worldwide reputation of the |
| TRINKS BRUNSVIGA CALCULATOR |
| and to-day the record of its services to men of business in every part of the world cannot be beaten. |
| We give BETTER QUALITY and CHEAPER SERVICE |
| than any competitor. |
| Upon your request our experts will visit you and give you advice how to modernise your computing work free of charge. |
| Grimme, Natalis & Co., K. a. A., Braunschweig Sole manufacturers of the Calculating machine with the BRAINS OF STEEL. |

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Standard model "B" with automatic carriage lock

Capacity:— 9 setting levers,
13 places in product register,
8 places in quotient register.

This is our cheapest model. The guarantee of its efficiency is that it is the machine which has made the name of the TRINKS-BRUNSVIGA famous all over the world. It is capable of dealing with all commercial figure work.

This type is also the lightest of the standard models and takes up the least desk space, with the exception of the special miniature models described later.

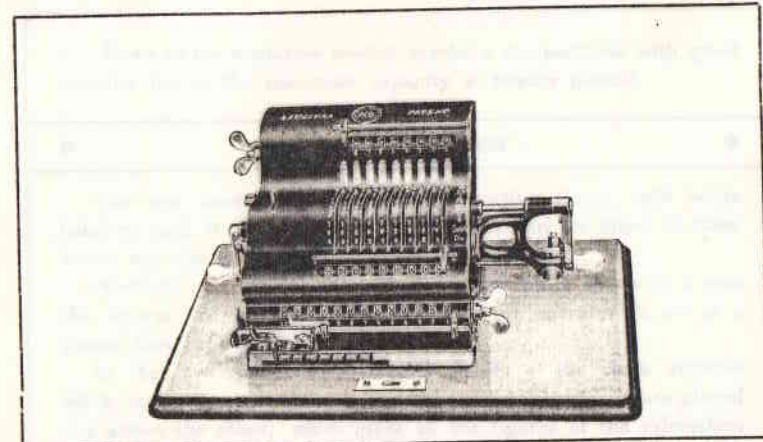
The figures set by the levers appear in the showholes of the product register after one turn of the handle, to be checked by the operator before giving the handle the further turns required.

Both registers are in the carriage of the machine, the product register to the right, the multiplier or quotient register to the left. Both registers and the setting levers are cleared separately by a turn of the winged nuts placed at the sides of the machine.

This type contains every essential TRINKS-BRUNSVIGA feature and the highest quality of TRINKS-BRUNSVIGA workmanship.

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◆ Model "J" with automatic carriage lock ◆

Capacity:— 9 setting levers,
13 places in the product register,
8 places in the quotient register.

Model "J" is the new Standard machine with all the latest improvements.

The lock "A" locks the levers when turning the handle which does away with every possibility of the levers being moved during the calculation. The levers are released immediately, the lock is pressed back and the crank is then locked in its turn. A slight pressure of the spring fixed beside "A" will release the handle and lock the levers again.

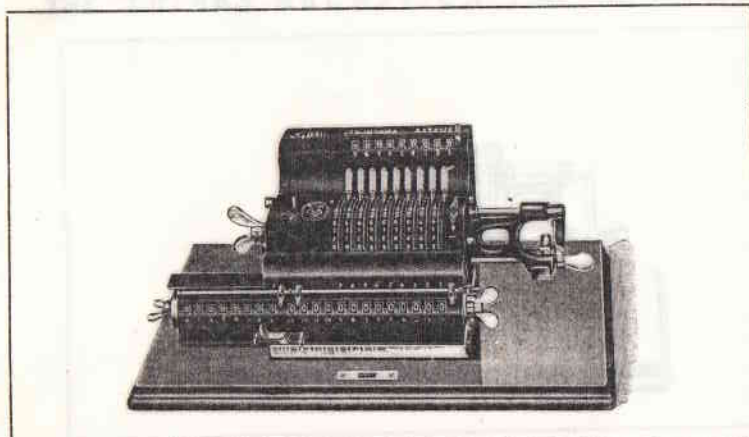
"B" shows the lengthened levers with white handles, this allows the operator to get a better hold of the levers.

The showholes "C" permit the instant checking of the sum set on the levers, as by setting the levers to the required sum, this sum appears in the showholes "C" without even a turn of the handle

By means of one turn of the crank "D" the setting levers as well as the showholes "C" are brought back to 0.

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THE "TRINKS-BRUNSVIG A" FOR MEN OF BUSINESS



◆ Model "N" continued multiplication type ◆

This model has a special attachment which enables the operator when he has done one multiplication, to set up the product for further multiplication by a single movement of the hand, without troubling to use the setting levers.

This device saves a great deal of time in doing certain classes of work, for example, in calculating cubic capacity. Having worked out the square the operator can proceed at once without any interruption, to work out the cube.

This makes one continuous operation of such calculations as the following

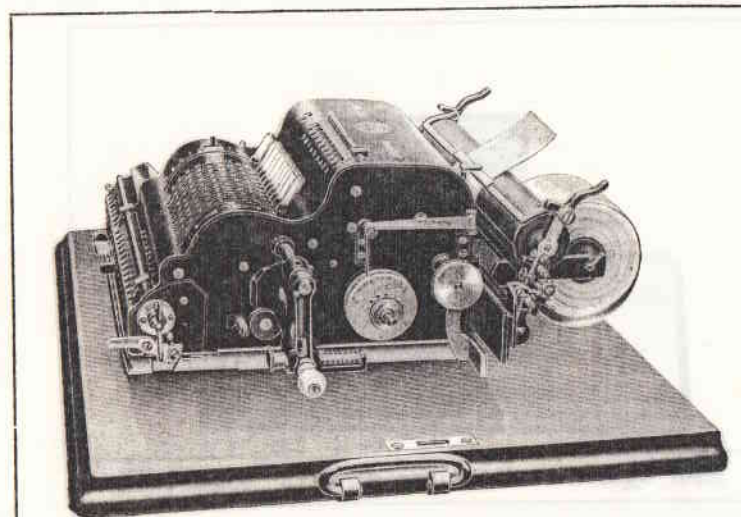
$$23'6'' \times 5'5'' \times 9'9'' =$$
$$54.23 \times 29.532 \times 21.492 =$$

It is an invaluable model for the shipping and timber trades, for interest calculations and for all technical and scientific work that involve raising numbers to higher power.

This model has the lengthened setting levers with white handles and the check register showing in a line the figures set with the levers. The check register is at the top of the machine.

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THE "TRINKS-BRUNSVIG A" FOR MEN OF BUSINESS



◆ The Trinks-Arithmotype Printing model ◆

This is the first machine constructed to print multiplications and divisions as well as additions and subtractions. It prints automatically as it works, either on a continuous roll of paper or on quarto sheets, as desired.

The model combines the speed and accuracy of a calculating machine with the permanent documentary record of paper work.

Printing is done from type wheels at the back of the machine. They are geared into the calculating mechanism and actuated by it.

The machine automatically prints every calculation that is being worked on it. For most purposes, however, it is only necessary to print factors and results. To enable the operator to omit intermediate stages, the printing mechanism can be thrown out of gear by touching a lever.

For certain classes of work, for instance length notes, this model is invaluable.

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"MINIATURE SILENT" MODELS

Some of the TRINKS-BRUNSVIGA Models are made also in a Miniature form, one third of the size and weight of the standard.

The advantage of the Miniature size is that it is portable, takes very little desk space, and is practically silent in working.

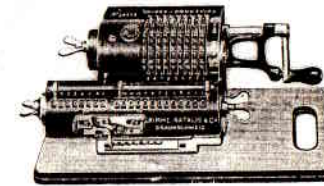
A Miniature Model is only about the size and weight of a hand camera. It can be carried about from one part of an office to another wherever it is wanted. It can be taken home for extra work.

Surveyors, Accountants and others who have to travel about can carry the machine with them in a handy leather case which we also supply.

The silent working of these models is advantageous in an office where are thirty or forty machines at work together or where any noise would disturb others busy with work which requires close attention.

The figures in the miniature models are very clearly engraved, and are just as legible as in the larger models.

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Miniature model "MB" with automatic carriage lock

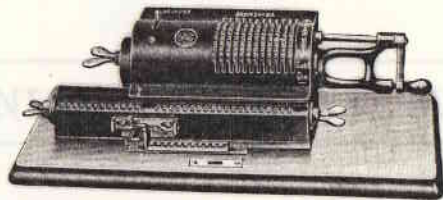
Weight 8 lbs.: in case, 9 lbs.

Capacity: — 9 setting levers,
13 places in the product register,
8 places in the quotient register.

This is a replica, one third the size and weight of the Standard Model "B" already described.

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◆ **Miniature model "MD"** ◆

Capacity:— 12 setting levers,
20 places in the product register,
12 places in the multiplier or quotient register.

This model belongs to the miniature silent class, but it is a machine of enormous capacity. With 20 places in the product it can deal with the largest number of decimal points ever likely to be required for the most elaborate cost calculations or statistical or scientific work.

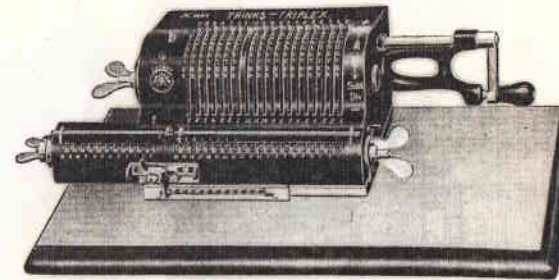
This model has an automatic device for moving the carriage to and from one place at a time, by means of a slight pressure of the finger.

This is, with one exception, the most wonderful TRINKS-BRUNSVIGA model. It places innumerable arithmetical short cuts at the disposal of the operator.

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◆ **"Trinks-Triplex"** ◆

Capacity:— 19 setting levers,
20 places in product register,
12 places in the multiplier or quotient register.

The new Triplex model is the latest and greatest triumph of Brunsviga manufacture. As its name implies, it is really three machines in one. Regarded as one machine, it is of the same capacity as model "MD" with 20 product places, but it has 19 setting levers instead of 12.

The product register and the setting plate are "split", that is, a slight interval separates 12 setting levers and 12 product places on the right hand side from 7 setting levers and 8 product places on the left hand side.

When used as one machine, the tens carrier runs over this "Split" without interruption right up to the full 20 product places.

When, however, it is desired to multiply two quantities by the same amount at one and the same time, without the results running into each other, the two halves of the machine can be shut off from each other completely by simply pressing a button.

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When this is done, the tens carrier stops at the "split" and one has two separate machines worked by the one handle.

For many kinds of work this arrangement is an immense time saver.

The results which appear in the two halves of the product register can be cleared either simultaneously or separately.

This separate clearing arrangement makes a very large number of combined calculations possible.

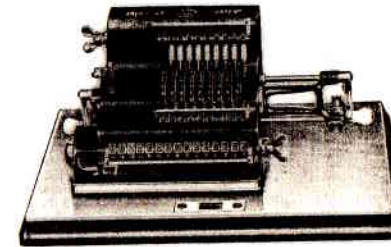
The "Triplex" has also the automatic device on the carriage for sliding it one place at a time without watching the register.

There is no other calculating machine made which is adapted to such a variety of uses or which can solve such difficult calculations with the same speed, simplicity and accuracy.

The "Triplex" is also the strongest and most durable model we turn out. By special testing of all the friction parts, wear has been reduced to a minimum. It has a longer life even than some of our standard types, which have become famous all over the world for their durability. It is impossible to detail all the many uses of this wonderful model, but our demonstrators can explain them in a few minutes, or further particulars can be supplied by letter.

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◆ **Miniature "MJ"** ◆

Capacity:— 9 setting levers,
15 places in the product register,
9 places in the quotient register.

This is a replica of Model "J" already described but of greater capacity. It has all the model J Features, the lengthened setting levers with white handles, the check register showing in a line the figures set with the levers and the crank which clears the levers by a single turn. It has 15 places in the product register instead of 13.

This model has an automatic device on the carriage, with which the operator can slide the carriage to and from one place a time, by a simple pressure of the finger without watching the register to see that he has moved it the right distance.

This device alone makes multiplying half as fast again.

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