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Proposal for the supply of a new **Semi Automatic End Load Cartoner**

Quote Number	SH1960
Quote Date	12 th October 2020
Prepared For	Ebco Inc.
Prepared By	T. Freemantle Ltd



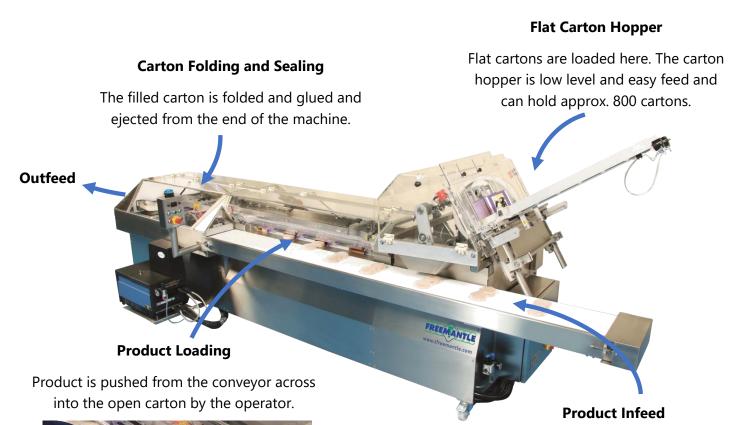
T. Freemantle Ltd, Factory 1, 13 Atkinson Way, Foxhills Industrial Estate, Scunthorpe, North Lincolnshire, DN15 8QJ, **United Kingdom.**

Machine Function

The Semi Automatic End Load Cartoner is suitable for a wide range of different product type, sizes and shapes. It can be operated by one person at up to 70 cartons per minute subject to the type of products being loaded into the cartons.

The machine carton hopper is loaded with flat cartons. The products are delivered to the load station on the integral conveyor directly from the upstream equipment such as a bagger, flow wrapper or manual assembly process. As the products are delivered to the load station, the machine automatically, on demand, selects and erects the flat cartons and prepares them for the product to be pushed into the open end by the operator.

Once the product has been loaded the machine then folds the end flaps on the carton and applies glue to seal the cartons before ejecting them from the end of the machine.



Product is delivered from the upstream process straight onto the machines integrated infeed conveyor. Suitable for bags, sachets, flow wraps, trays and multiple items.

Watch a video of the machine in operation click here

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Standard Features (Included in the price)

The Semi Automatic End Load Cartoner is supplied with a large number of items included as standard features to ensure reliable and efficient operation without extra cost.

- Low level easy feed carton magazine designed to suit lower level working with a large capacity of approximately 800 cartons.
- Quick and simple size change that can be completed by unskilled personnel in less than 10 minutes and requires **no change parts**.
- Integrated ergonomically designed food grade infeed conveyor with independently variable speed drive.
- Outfeed discharge belts to give good consistent glue compression and help maintain a consistently square box.
- Variable speed from 20 80 cartons per minute with digital speed readout.
- Full 24v safety interlock system to give easy access to the machine while being safe and simple to operate.
- Fitted with the worldwide leading NORDSON Glue jet applicator unit to give the cleanest and most efficient glue application available.
- Built round a one piece stainless steel frame fitted with castors making the machine both robust and easily mobile.
- Sealed for life gearboxes and bearings throughout to cut down on routine maintenance.
- Carton magazine agitators to aid with consistent presentation of flat blanks without the need for a weight behind the cartons.
- Low carton detection with a timed visual warning that stops the machine if the hopper runs too low.
- Built to meet or exceed CE standards and to meet our own stringent quality control procedures to ensure customer satisfaction.
- Inching pendant on quick release socket for ease of setting and maintenance.
- Easy access hatches with high impact polycarbonate sliding doors to eliminate the need to remove panels and guarding for hygiene and maintenance.
- Fitted with ISO standard maintenance free FESTO pneumatics.
- Hygienically designed and manufactured from mainly stainless steel and aluminium to suit most food industry working environments.
- Simple hard-wired control system with simple and easy to understand machine controls.
- Full 3D modelled exploded views with comprehensive parts listings provided within the manual for easy parts identification.

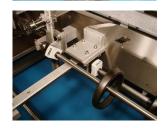
















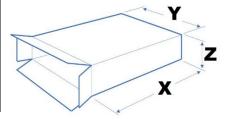




Size Range

The Semi Automatic End Load Cartoner is flexible and can run a wide range of carton sizes. The change between different sizes is an unskilled operation and can be completed in less than 10 minutes. There are no change parts or special tools required to complete the size change.

	Min to Max	Min* to Max*		
	Standard Machine	Modified Machine		
X – Length	110 – 300mm	80 – 400mm		
Y – Width	75 – 250mm	40 – 320mm		
Z - Height	25 – 75mm	10 – 120mm		
*These are theoreti	cal modified min and max and restricti	ions apply to combinations of sizes.		



Technical Details

Electrical Connection

The machine is supplied with a 3-metre armoured cable with an industry standard 32amp 3 pin plug for connection to a 32amp single phase supply. (Also available in 3ph N+E if required)

Compressed Air Connection

The machine is supplied with a filter regulator with an 8mm push in pipe for connection to a 6 bar compressed air supply.

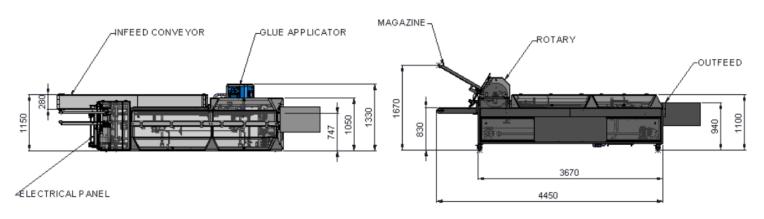
Lifting Weight

Approximately 1000kilos. Lifting should be by fork truck and correct lifting points are marked for offloading at point of delivery.

Adhesive Type

The machine will operate with any suitable packaging grade Hot Melt or Cool Melt glue. The machine will be set and tested with our recommended grade Henkel Cool Melt Ultra.

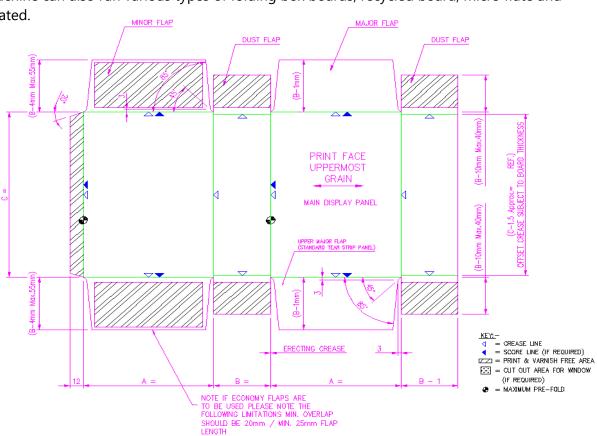
Standard Machine Layout



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Carton Specification

The carton layout shown is the T. Freemantle Ltd recommended profile which features square dust flaps to help ensure a perfectly square finished carton. The machine can run a wide variety of carton profiles and flap designs including economy flaps, tapered, slotted, tear strips and re close designs. The machine can also run various types of folding box boards, recycled board, micro flute and corrugated.



Samples and Testing

A representative sample of each product and carton to be run on the machine should be supplied to T. Freemantle Limited prior to acceptance of any order so we can ensure the machine is perfectly suited to your requirements and make any suggested improvements.

In order to test the machine thoroughly we will require 500 of each carton size as soon as possible after acceptance of the order but no later than 4 weeks prior to the due delivery date unless agreed otherwise. These samples are required to provide adequate materials to complete a full factory acceptance test (FAT) to which the client is invited to attend. The FAT will be conducted to ensure that the machine meets the required specification and operates efficiently and reliably at the required speed and produces good quality finished packs. Only on successful completion of the FAT will we deliver the machine.

Complications caused at installation by significant deviation from the samples provided may incur extra cost but we will try to accommodate any variations without cost.

Price (all prices exclude VAT)

Semi Automatic End Load Cartoner (set tested and packed ready for delivery) £ 49,000.00

Optional Items

Delivery with transport insurance to your site	£ TBC
Commissioning for 2 days on site (if required)	£ TBA
Extended Size Range modification (subject to samples and specification)	£ 5,000.00
Colour coded Pinlock system for rapid size change	£ 2,500.00
PLC control with touchscreen HMI	£ 4,500.00
Stainless Steel subframes with M24 levelling feet	£ 680.00
Outfeed conveyor 1.3m for turning, coding/flash labelling after the machine	£ 3,950.00
Recommended spare parts kit (can be adjusted to suit requirements)	£ 3,400.00











Installation, Commissioning and Training

After delivery, the client is required to offload and position the equipment and provide the required power and air connections prior to the arrival of commissioning engineer to your site. Commissioning, installation and training if required for the usual period of 2 days on your site is charged extra.

We offer a **free of charge** comprehensive training schedule for your staff at our factory prior to delivery. This gives operators and engineers the chance to have undivided intensive training on routine maintenance, cleaning, size change and fault finding and normally reduces installation and commissioning times significantly.

The supply of engineers to your site will be charged extra at £ 75/hour and £ 0.75/mile as required plus accommodation and expenses.

Commercial Details

Warranty

The machine is covered by a full 12 month parts and labour warranty in line with our T&C's.

Lead Time

16 weeks from receipt of order and deposit (subject to time of order placement)

Payment Terms 30% Deposit payment with order

60% Payment on completion of FAT prior to delivery

10% Payment on satisfactory installation

TERMS AND CONDITIONS Index of clauses

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Installation and Commissioning	Modifications	Price of Goods	Acceptance Trials	Samples	Orders and Specifications	Basis of the Sale	Interpretation
16.	15.	14.	13.	12.	<u>-</u> 1	10	9.
Rental	General	Export Terms	Insolvency of Buyer	Warranties and Liabil	Risk and Property	Delivery	Terms of Payment

- Reference to:

 1.1 'we' and 'Us' mean T. Freemantle Limited whose registered office is at 143 Seaside, Eastbourne, East Sussex registered in England No 3147425.

 1.1 'we' and 'Us' means the standard terms and conditions of sale set out in this document and includes any special terms and conditions agreed in writing between you and us.

 "Contract" means the contract for the purchase and sale of goods.

 "Contract" means the goods (including any instellment of the goods or any part for them) which the seller is to supply in accordance with these conditions. "Incoderms" means the international Rules for the interpretation of Trace Terms of the International Chamber of Commerce as in force at the date when the contract is made.

 1.2 Any reference in these conditions to any provision of a statute shall be construed as a reference to that provision as amended, re-enacted or extended at the relevant time.

 1.3 The headings in these conditions are for convenience only and shall not affect their interpretation.

- 2.1 We shall sell and you shall buy the goods in accordance with any written quotation by us which you accept, or any written order by you, which we accept, subject in either case.
 2.2 No variation to these conditions which shall govern the contract to the exclusion of any other terms.
 2.3 Our employees and agents have no authority to make representations, which are not so confirmed.
 2.4 We are entitled without liability on our part to correct any error or omission in any sales literature, quotation, price list, acceptance of a gent and accept no order submitted.
 3.1 We shall accept no order submitted.

- 3.1 You will be responsible to us for ensuring the accuracy of terms of any order submitted by you, and for giving us any necessary information relating to the goods within a sufficient time to enable us to perform the contract.

 3.3 The quantity, quality and description of and any specification for the Goods shall be those set out in our quotation (if accepted by you) or your order (if accepted by us)

 3.4 If you require us to manufacture the Goods or apply any process to them in accordance with a specification submitted by you, you will indemnify us against all costs, claims, demands, damages and loss arising from settlement of any patient of any patient, copyright, design, trade mark or other industrial or intellectual property rights of any other preson resulting from our use of your specification.

 3.5 We reserve the right to make changes to the specification of the Goods required to satisfy safety or other legislation.

 3.6 Once your order has been accepted by us, you may not cancel it except with our written agreement and on terms that you will indemnify us in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by us as a result of the cancellation.
- of profit), costs (including the cost of all labour and materials useu), using year, which is a finite ferred to in Clause 5 below we will require samples of 4. Samples 4.1 To enable us to design the goods in accordance with your requirements and to carry out the Acceptance Trials referred to in Clause 5 below we will require samples of packaging materials and product ("the samples"). The number of the samples will very according to the type and specification of the goods.
 4.2 You will provide at your expense and risk as many of the samples as we require in accordance with this clause but if you fail to comply with this clause, the warranty in Clause 12.1 will be rendered null and void.
 4.3 if you deliver the samples late and we are delayed in performing the Contract, you agree to pay our reasonable charges, which shall in any event be not less than £100 per 4.2 You deliver the samples late and we are delayed in performing the Contract, you agree to pay our reasonable charges, which shall in any event be not less than £100 per 4.3 if you deliver the samples late and we are delayed in performing the Contract, you agree to pay our reasonable charges, which shall in any event be not less than £100 per 4.3 if you deliver the samples late and we are delayed in performing the Contract, you agree to pay our reasonable charges, which shall in any event be not less than £100 per 4.5 in the ferror of the samples late and we are delayed in performing the Contract.

5.1 Within four days of written notice that the machine is ready for Acceptance Trials, you will attend at the place specified in the notice to either accept or reject the Goods.
5.2 Upon the satisfactory conclusion of the Acceptance Trials, you will be required to sign an Acceptance Notice. Upon the satisfactory conclusion of the Acceptance Trials, you will be required to sign an Acceptance Notice. Upon signature of the Acceptance Notice, the Contract becomes unconditional and the blacence of the pince becomes due in accordance with clause 9.2.
5.3 If you fail to attend the Acceptance Trials within the four day period referred to above you agree to pay our reasonable charges caused by your delay which shall in any event be not less than £10 per day or part of a day.
5.4 If you do not attend the Acceptance Trials within fourteen days of the notice given in accordance with clause 5.1 we shall be entitled to carry out the Acceptance Trials in your absence and you authorize us to sign the Acceptance Notice on your behalf upon the satisfactory conclusion of the Acceptance Trials in your absence.
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8. Installation and Commissioning
The costs for installation and commissioning are not included in the price. If you wish us to carry out installation and commissioning, we shall be pleased to do so at our current 7.3 We have received all payments due from you to us in respect of Clauses 9.1 and 9.2 in relation to the original order accepted by us by us. 7.4 The Modifications will be subject to Acceptance Trials in accordance with clause 5 and the balance due to us for the Modifications will be paid in accordance. rdance with Clause 9.

It is your responsibility to off-load and site the machinery when it arrives at your premises and connect it to all the necessary mains services.

An engineer will arrive as soon as possible after this, at your request, to commission the machine. Any subsequent visits for personnel instruction etc. will be charged on a time fulls expenses has been as soon as possible after this, at your request, to commission the machine. Any subsequent visits for personnel instruction etc. will be charged on a time full so that the property of the prop

An engineer will arrive as soon as possible after this, at your request, to commissic plus expenses basis.

The machine will be started up during normal working hours and any work carried. out beyond these times will be charged extra . We reserve the right to charge for time lost due

to waiting for personnel, products materials etc.
9. Terms of Payment

You will pay 20% of the price when we confirm your order in accordance with clause 3.1.
 You will pay the balance on satisfactory completion of the Acceptance Trials in accordance with clause 5.2.
 Payment shall be made by you upon receipt of our invoice, even though delivery of the Goods may not have taken place and the property in the Goods may not yet have passed to you. In relation to payment, time shall be of the essence.
 If you do not pay by due date, withour prejudice to any other rights we may have, we shall be entitled to:
 At I rou do not pay by due date, withour prejudice to any other rights we may have, we shall be entitled to:
 At I pay do not pay by due date any payment made by you in relation to this or any other contract between us;
 At 2 appropriate any payment made by you in relation to this or any lodgment) on the balance due to us at the rate of 6 percent per annum above HSBC Bank PLC base rate from time to time, until you pay in full. Any part of a month shall be treated as a full month for the purpose of calculating interest.
 At 1 payments shall be made in the currency stated in the contract.

9.5 All payments shall be made in the currency stated in the contract.
10. Delivery
10. Delivery
10. Delivery of the Goods shall take place when you collect the Goods from our premises at any time after we notified you that the Goods are ready for collection, unless otherwise agreed in writing between us.
10.1 Delivery of the Goods are to be deliver the Goods on the date agreed but we shall not be liable for any delay in delivery and time for delivery shall not be of the essence unless we agree in writing. We shall be entitled to deliver the Goods in advance of the quoted delivery date.
10.3 If the Goods are to be delivered in instalments, you will not be entitled to treat the contract as a whole as repuddated if you make a claim against us in relation to one or more instalments only.

10.4 We do not accept any liability for failure to deliver the Goods.

10.5 Unless it is our fault, if you fail to take delivery of the Goods at the time stated for delivery we shall be entitled, without prejudice to any other

to:
10.5.1 store the Goods until actual delivery and charge you for the reasonable costs (including insurance) of storage which shall be not less than £100 per day or 10.5.2 self the Goods at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) account to you or charge you for the di you for the difference as

appropriate.

11. Risk and Property

11.1 Risk of damage to or loss of the Goods shall pass to you.

11.1. Now withstanding delivery and the passing of risk in the Goods are adelivered at our premises, when we notify you that the Goods are available for collection; or 11.2 naw other case, at the time of delivered our property in the Goods and elevery and the passing of risk in the Goods, the poperty in the Goods and elevery and the passing of risk in the Goods, the poperty in the Goods and elevery and the passing of risk in the Goods, the poperty in the Goods are available from any of your own and of third parties, property stored, protected and insured as our property. Until that time you are entitled to resell or use the Goods in the Goods separate from any of your own money and that of third parties and, in the case of tangble proceeds, property stored, protected and insured.

11.4 Until such time as the property in the Goods passes from us to you, you agree to delivery until that time you are entitled to resell or use the Goods in the ordinary course from any of your own money and that of third parties and, in the case of tangble proceeds, property stored, protected and insured.

11.4 Until such time as the property in the Goods passes from us to you, you agree to deliver you are entitled to resell or use the Goods in the ordinary course from any of your own money and that pour are not entitled to pledge or in any way charge by way of security for any indebtedness any Goods, which remain our property.

12.1 We warrant that the Goods will correspond to their specification at the time of delivery and will be free from defects in material and workmanship for a period of twelve misses where the Goods will correspond to their specification supports.

12.1 we shall not be liable for any defect at sisreft from fail; wear and tear, will damage, neglect, abnormal working conditions, failure to follow our instructions, misses or alteration or repair of the Goods without our approval:

12.1 we shall not be liable for any before a property in a case of the goods, including power and air supplies to the reset of the go

Statements) Order 1976).
12.4 Replacement parts will be provided and if necessary fitted free of charge, except for hotel and travelling expenses which will be charged extra at cost.
12.5 You must notify us within 7 days from the date of delivery of any daim based on any defect in the quality or condition of the goods or their failure to correspond with 12.5 You must notify us within 7 days from the date of delivery of any daim based on any defect in the quality or condition of the goods or their failure to correspond with 12.5 You must notify us within a reasonable time as specification, whether or not you refuse to accept delivery. If the defect or failure is not apparent on reasonable inspection, you must notify us within a reasonable time at discovery. If you do not give notice to us in accordance with this clause, we shall not be liable for any alleged defect or failure and you will be bound to pay the price of

use 12.8 If you notify us in accordance with this Catase deary valid claim, we shall be entitled to replace the Goods (or the part in question) free of charge or, at our discretion, to 12 if you notify us in accordance with this Catase of any valid claim, we shall be entitled to replace the Goods (or the part in question) free of charge or, at our discretion, to 12 if you not up the price of the Goods (or a proportionate part of the price), but we wall not be further advised to you continue the price of the

payment as per contract.

At the end of the renal period, should the machine be judged to be in poor condition and needing more than general overhaul to enable it to be rented to further parties, then a documented calculation will be submitted to yourselves and any necessary costs will be deducted from deposit held. Providing that the machine has experienced solely normal wear and tear, then it is agreed that the deposit will be refunded in full. You must ensure that the equipment is kept clean and is used carefully and properly. You must keep the machinery in good working order and repair. Your personnel at your cost should carry out all maintenance. Should you require service by our engineers, then this will be chargeable unless proved to be under warranty. All costs for transportation and installation will be chargeable unless proved to be paid within 30 days of recept. You must all charge or otherwise edispose of it. It is agreed that the machinery at all reasonable times. You must not let the machinery out of your possession and on your premises, the equipment charge or otherwise edispose of it. It is agreed that the machine is the sole property of T. Freemantel Limited and whilst in your possession and on your premises, the equipment should be insured. Your insurance company should be notified of its value and full replacement cover should be incorporated accordingly.