



# COMARME CASE SEALERS & CARTON ERECTORS

WE'RE NOT YOUR AVERAGE  
PACKAGING SUPPLIER.

**WE'RE YOUR SPECIALIST  
PACKAGING PARTNER.**

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## OUR STORY

# 4 DECADES OF PACKAGING

We've come a long way since our Chairman, Garth Christie, founded the business in 1979. Evolving from a local packaging supplier into a leader in the provision of packaging consultancy services, solutions and machinery to some of the world's most recognised brands.

Today, we work with all kinds of clients including blue chip retail companies, large manufacturers with multiple distribution centres and e-commerce businesses.



With challenging staff retention issues we knew we had to look after our operators better. Installing Comarme carton sealers to remove the repetitive hand taping was one of the quickest and easiest suggestions to implement.

**OPERATIONS DIRECTOR - CO-PACK OPERATION**

# COMMITTED TO IMPROVING BUSINESS PERFORMANCE

At Hazel 4D, we provide innovative products that help you save time, money and the planet, but we also understand that the packaging process isn't simply about the supply of materials. That's why we work with you to gain a true understanding of your company's needs and make recommendations on how to improve your business processes, and the consumables used, to bring you genuine long-term solutions for your business.

**We call our extra level of service and understanding:**

**DELIVERING THE 4<sup>TH</sup> DIMENSION**

# CASE SEALERS & CARTON ERECTORS

**Comarme's world leading case sealers provide a quality and reliability that is unparalleled. The range is vast, catering for most case sealing eventualities.**

Ideal for use in busy packing operations, Comarme carton sealers and carton erectors speed up the process of forming, filling and sealing boxes, saving you time and money and increasing your output.

Significantly quicker than taping boxes manually, the case erectors form the boxes ready for filling and the carton sealing machines seal the top and bottom of boxes with tape. They can be easily integrated into existing production lines.

Whether you want to use standard plastic tape, hot-melt adhesive, staples or paper tapes, Comarme have the solution for you.



All Comarme equipment is available in stainless steel if required.



**Increase productivity**



**Ensure consistency**



**Reduce waste**



**Save time**



“

Easy, efficient  
and economic!

The Comarme line  
Hazel 4D have  
installed has been  
a game changer to  
our organisation.

**PRODUCTION MANAGER**



## CASE STUDY

# IMPROVED OPERATIONAL EFFICIENCY

A leading producer of carton and leaflet packaging for the pharmaceutical, healthcare and personal care sectors. With it's state of the art production facilities they manufacture high quality cartons for many of the leading brands.

### THE PROBLEM

With its automated manufacturing lines running smoothly the next challenge was to increase the possible throughput to make the whole operation more efficient. However, with the operators having to manually form and tape the cartons before filling them with product, this was not possible.

### OUR SOLUTION

A decision was made to invest in some simple carton erecting automation to provide ready cartons on demand. The Comar F2000 system was chosen because of its compact footprint and flexibility to produce the full range of cartons used at the desired throughput.



Production manager says "It's really a no brainer! The machines are paying for themselves in less than 6 months and means that our skilled operators can spend the time they need ensuring the production is of the highest quality and maximising throughput. We always thought it would be a bit of a struggle to fit this equipment in but we were pleasantly surprised with how little space is actually required for it."



# THE DIFFERENCE IT MADE



Increased production speed by  
**5000 UNITS PER HOUR**



**5% REDUCTION**  
in overtime costs across  
the whole line



**REDUCED FATIGUE & INJURIES**  
Less operator fatigue and  
repetitive strain injury prevention



**IMPROVED CONSISTENCY**  
Consistently taped boxes  
eliminating damage to product



Payback in less than  
**6 MONTHS**



“

Its really a no brainer!  
The machines are paying  
for themselves in less  
than 6 months.

**PRODUCTION MANAGER**

# YOU MAY BE WONDERING...



1

## DO I NEED A SEMI, AUTOMATIC OR FULLY AUTOMATIC MACHINE?

- If you are looking to integrate the machine into a line with no operator involvement then it is likely a fully automatic machine will be required
- Some automatic machines can also be used on standalone stations to improve efficiency ie automatic full flap closing. Hazel4D can help you with suggestions with simple extras to improve efficiency



2

## WOULD SIDE BELTS OR TOP BELTS WORK BETTER FOR ME?

- Side belts (vertical drive) are suitable for the majority of applications, however top drive belts (horizontal drive) are better for certain unusual size cartons, i.e. taller and narrower products, shallow depths, very light products or overfilled cartons.





Switching to paper based products is the eco-friendly option as paper is biodegradable and totally recyclable.

3

## WHAT TYPE OF TAPE OR SEALING METHOD SHOULD I USE?

### Gummed Paper Tape

- Tightly seal your cardboard boxes and cartons with water-activated gummed paper tape.
- Made from recyclable paper.
- It looks neat, is effective even on dusty surfaces, and is tamperevident, providing security against pilferage.



### Self Adhesive Paper Tape

- Environmentally friendly recyclable tape. An alternative to gummed paper tape without the mess and hassle.

### Hot Melt Adhesive Tape

- This heavy duty tape is made using hot-melt adhesive, offering better adhesion than acrylic, ensuring it will stay in place in all conditions.



### Polypropylene Solvent Tape

- This top of the range solvent based, natural rubber adhesive tape is temperature resistant after application.
- Suitable for all sorts of packaging applications as well as on uneven surfaces due to its excellent holding power.

4

## DO I NEED A RANDOM OR UNIFORM MACHINE?

- Uniform machines are appropriate for runs of the same size cartons, whereas random machines automatically adjust to the individual size of the carton going through the machine.



Neil Christie, Commercial Director at Hazel 4D, said "As the impact of climate change becomes increasingly apparent, many clients have found their customers are demanding they use less plastic. Our Comarme gummed paper tape case sealers give large businesses a quick and easy way to reduce their plastic use by applying a recycled paper tape to their cartons."

# SHOULD YOU AUTOMATE YOUR CARTON SEALING PROCESS?



Struggling to find sufficient operators



Operating margins squeezed



Needing to increase throughput



Space restraints limiting volume of packing



Needing to up-skill your workforce



Inconsistency leading to product rejection



Challenges with seasonal peaks



Kevin Oliver, Technical Sales Manager at Hazel 4D, said "It still amazes me the number of highly automated companies that still rely on people to manually tape boxes."

## GET IN TOUCH TODAY

If any of these apply to your situation, some simple automation could dramatically transform your operation!



# IT'S EASIER TO IMPROVE EFFICIENCY WITH OUR CARTON SEALING SOLUTIONS

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1

**IMPROVE OPERATIONAL  
WELLBEING BY ELIMINATING  
REPETITIVE STRAIN INJURY**

2

**INCREASE THROUGHPUT & REMOVE  
LABOUR TIME - ONE OF THE EASIEST  
STEPS IN A PROCESS TO AUTOMATE**

3

**REDUCE PRODUCT DAMAGE  
WITH CONSISTENT CORRECTLY  
SEALED BOXES**

4

**BE MORE SUSTAINABLE BY ELIMINATING  
WASTAGE FROM OVER TAPING BOXES**

5

**CREATE RIGID CARTONS FOR  
IMPROVED LOAD STABILITY  
ON PALLETS**

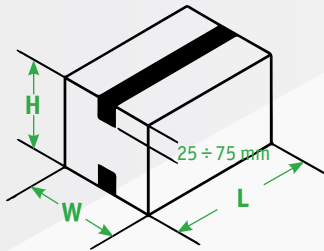
6

**GUARANTEED TAPE TAB LENGTHS  
TO CONSISTENTLY SEAL SHELF-READY  
PACKAGING BOXES CORRECTLY**

# SEMI-AUTOMATIC UNIFORM CARTON SEALER - VERTICAL DRIVE BELTS

Simple semi-automatic uniform case sealer that seals the top and bottom of fixed format cartons.

With uniform machines, the height and width settings can be easily adjusted to fit the size of your cartons using the handle. This allows the machines to be used by non-specialist operators.



Stock Code	X	Min	Max
GEM52	L	150 mm	∞
	W	100 mm	500 mm
	H	100 mm	500 mm
GEM520	L	150 mm	∞
	W	100 mm	520 mm
	H	100 mm	520 mm
GEM670	L	150 mm	∞
	W	100 mm	670 mm
	H	100 mm	670 mm
GEM820	L	150 mm	∞
	W	100 mm	820 mm
	H	120 mm	820 mm



Use with eco-friendly self-adhesive paper tape or standard PP tape in 25-75 mm widths



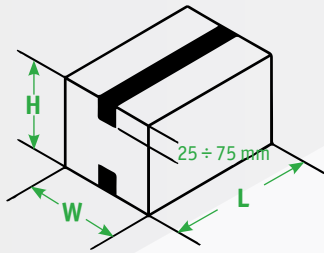
Average production throughput of 20 boxes per minute





# SEMI-AUTOMATIC UNIFORM CASE SEALER - HORIZONTAL DRIVE BELTS

Similar to the vertical drive belt but machines but particularly good for sealing tall, narrow shallow boxes or unusually shaped cartons.



Stock Code	X	Min	Max
	L	150 mm	∞
GEM320	W	140 mm	520 mm
	H	100 mm	520 mm
	L	150 mm	∞
GEM350	W	140 mm	520 mm
	H	100 mm	520 mm
	L	150 mm	∞
GEM360	W	155 mm	670 mm
	H	100 mm	670 mm
	L	150 mm	∞



Use with eco-friendly self-adhesive paper tape or standard PP tape in 25-75 mm widths



Average production throughput of 20 boxes per minute





Trying to tape our 18mm kitchen cupboard doors has always been a problem until we installed our Comarme GEM320 machines!

**FURNITURE MANUFACTURER**

# SEMI-AUTOMATIC RANDOM CASE SEALER

These random case sealers can seal boxes of various sizes as the height and width settings automatically adjust to fit the dimensions of each carton, the same maximum dimensions as the uniform tape sealers.

Use with an automatic box holder to create a random packing bench solution.



Compatible with eco-friendly self adhesive paper tape or standard PP tape



Average production throughput of 7 boxes per minute

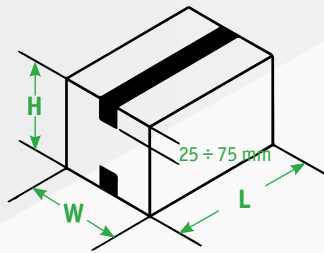
Stock Code	X	Min	Max
Horizontal drive belt			
GEMX350	L	150 mm	∞
	W	140 mm	520 mm
	H	100 mm	520 mm
GEMX360	L	150 mm	∞
	W	155 mm	670 mm
	H	100 mm	670 mm
Vericle drive belt			
GEMX520	L	220 mm	∞
	W	100 mm	520 mm
	H	100 mm	520 mm
GEMX670	L	220 mm	∞
	W	100 mm	670 mm
	H	100 mm	670 mm
GEMX820	L	200 mm	∞
	W	100 mm	820 mm
	H	120 mm	820 mm



# AUTOMATIC UNIFORM CASE TAPERS - F SERIES

The perfect machines for production lines, and can be easily integrated to work with fully automated equipment.

These machines automatically fold all the flaps down and seal the boxes in one quick simple action.



Compatible with eco-friendly self adhesive paper tape or standard PP tape



Average production throughput of 16 boxes per minute

Stock Code	X	Min	Max
GEM F470	L	220 mm	600 mm
	W	100 mm	520 mm
	H	100 mm	670 mm
GEM F520	L	200 mm	1000 mm
	W	100 mm	520 mm
	H	100 mm	670 mm
GEM F670	L	200 mm	1000 mm
	W	100 mm	670 mm
	H	120 mm	670 mm



# FULLY AUTOMATIC CASE TAPERS

Used by many large operations these machines will automatically close and seal any box that comes down the line.

Whether it is an e-commerce a general fulfilment centre these machines can significantly speed up your packing bench efficiency.

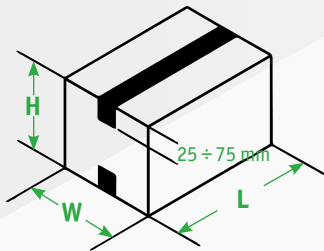
With a throughput of up to 20 boxes per minute, these really are the machines to keep your operations on their toes!



Compatible with eco-friendly self adhesive paper tape or standard PP tape



Average production throughput of 20 boxes per minute



Stock Code	X	Min	Max
GEMXF520	L	250 mm	800 mm
	W	100 mm	520 mm
	H	100 mm	520 mm
GEMXF670	L	250 mm	800 mm
	W	100 mm	670 mm
	H	120 mm	670 mm



# IT'S EASIER TO BE ECO-FRIENDLY WITH OUR NEW AUTOMATIC GUMMED PAPER TAPE CARTON SEALERS

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1

## **SUSTAINABLE ALTERNATIVE TO TRADITIONAL CARTON SEALERS**

A sustainable alternative to traditional carton sealers that seal boxes with plastic tape, the machines allow businesses to efficiently seal large volumes of cartons with environmentally friendly gummed paper tape.

2

## **REDUCE WASTE & IMPROVE CONSISTENCY**

The case sealers seal boxes consistently using only the exact length of gummed paper tape required. This reduces waste and ensures the excellent presentation of customer parcels, ideal for maintaining your company's branding and reputation.

3

## **USE WITH ECO FRIENDLY PAPER TAPE**

Used by the UK's largest e-commerce retailers, gummed paper tape is a water-activated tape made from recycled paper. Effective even on dusty surfaces, it helps to prevent theft by providing a strong, tamper-evident seal on cardboard boxes and cartons. Unlike plastic tape, gummed paper tape enhances the value of waste cardboard as it can be recycled without needing to remove the tape from the box.

4

## **IMPROVE OPERATIONAL EFFICIENCY**

Easy to integrate into existing production lines, Comarme gummed paper tape case sealers are much quicker and neater than using manual gummed paper tape machines to seal boxes.

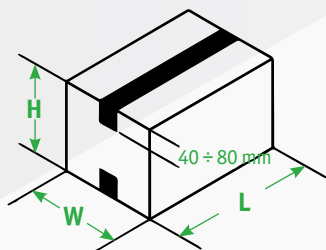
If you've ever applied gummed paper tape manually, you'll know how sticky the tape gets when wet. As the carton sealers moisten and apply the tape automatically, warehouse operatives don't need to touch the tape or make a mess!



# SEMI-AUTOMATIC UNIFORM GUMMED PAPER TAPE CASE SEALER

Perfect for use on production lines, choose from machines that seal the bottom of cartons or machines that can seal either the top or bottom of cartons.

The height and width settings can be adjusted using the handle to match the size of the box you're sealing. Faster than using manual or electric gummed paper tape machines.



**Stock code:** GEMB520GP (bottom seal only),  
GEM520GP (top and bottom seal)

Stock Code	X	Min	Max
GEMB520GP & GEM520GP	L	200 mm	∞
	W	130 mm	500 mm
	H	135 mm	500 mm



Use with eco-friendly gummed paper tape in 50-80 mm widths



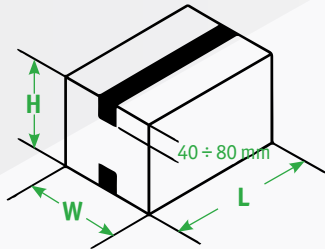
Average production throughput of 12 boxes per minute



# AUTOMATIC UNIFORM GUMMED PAPER TAPE CASE SEALERS

Automatic uniform gummed paper tape carton sealer with optional automatic top closing device that closes the top flaps of boxes before sealing them with water-activated tape.

The height and width settings can be adjusted using the handle to match the size of the box you're sealing.



Stock Code	X	Min	Max
GEMF520GP	L	200 mm	800 mm
	W	130 mm	500 mm
	H	130 mm	500 mm
GEMF670GP	L	200 mm	800 mm
	W	130 mm	650 mm
	H	130 mm	650 mm



Use with eco-friendly gummed paper tape in 50-80 mm widths



Average production throughput of 12 boxes per minute



# AUTOMATIC SELF DIMENSIONING GUMMED PAPER TAPE CASE SEALERS

Fully automatic gummed paper tape case sealer for use with random 0201 style cartons.

Automatically sizes to suit the box and folds top flaps in.

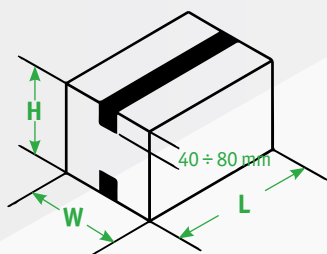
Available in automatic version without top closing device.



Use with eco-friendly gummed paper tape in 50-80 mm widths



Average production throughput of 10 boxes per minute



Stock Code	X	Min	Max
XF670-GP (Fully automatic)	L	250 mm	800 mm
	W	130 mm	650 mm
	H	130 mm	650 mm
X670-GP (Automatic)	L	300 mm	∞
	W	130 mm	650 mm
	H	130 mm	650 mm



# HOT-MELT CASE SEALER

Automatic machines for top and bottom sealing of uniform cartons.

All hot-melt sealers are supplied with integrated pressing unit for quick and consistent sealing. They're designed to be combined with Comarme carton erectors and can be integrated into existing production lines.

Automatic flap closing on all top sealing models.

Available as top only, bottom only or top and bottom sealing.



Use with hot-melt adhesive

Stock Code	X	Min	Max
HM470T	L	200 mm	600 mm
	W	120/200mm*	420 mm
	H	100 mm	670 mm
HMF470T/B	L	200 mm	600 mm
	W	120/200mm*	420 mm
	H	200 mm	550 mm
HM520T	L	200 mm	600 mm
	W	120/200mm*	420 mm
	H	100 mm	670 mm
HM520T/B	L	200 mm	600 mm
	W	120/200mm*	420 mm
	H	150 mm	670 mm

\*120mm with 2 nozzles

\*200mm with 4 nozzles



HM470T/B



F1000 + HMB + HMB52P

# IT'S EASY TO BE MORE EFFICIENT WITH OUR RANGE OF CARTON ERECTORS

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## SPEED UP ANY PACKING LINE

Improve efficiency with automation

2



1



## CARTONS PROVIDED ON DEMAND

No need to stock pile empty cartons

3



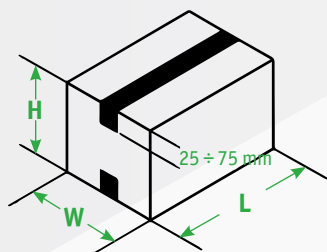
## ELIMINATE TAPE WASTAGE

Use the correct amount each time

# SEMI-AUTOMATIC CARTON ERECTORS

Semi-automatic options allow the operator to open the box and place it in the carton erector which closes the bottom flaps.

The carton is then held stable to allow easy placement of product before it moves into the tape machine to be sealed top and bottom at the same time.



PP08



PP670

Stock Code	X	Min	Max
PP08	L	160 mm	650 mm
	W	100 mm	520 mm
	H	100 mm	520 mm
PP520	L	150 mm	700 mm
	W	110 mm	520 mm
	H	120 mm	520 mm
PP670	L	150 mm	800 mm
	W	110 mm	670 mm
	H	120 mm	670 mm



# AUTOMATIC CARTON ERECTORS

Uniform automatic carton sealers for 0201 style cartons. Produced on an on demand basis.

They're designed to be combined with case sealers and can be integrated into existing production lines.



Produces up to 14 cartons per minute (720/HR)



Compact footprint



Easy reloading for continuous production



Fully enclosed for maximum safety



Simple set up adjustment for different size cartons - Automatic set up options now available



F1000



F2010

Stock Code	X	Min	Max
F1000	L	180 mm	400 mm
	W	100 mm	400 mm
	H	100 mm	500 mm
F2000	L	220 mm	600 mm
	W	100 mm	500 mm
	H	100 mm	500 mm
F2008	L	220 mm	800 mm
	W	100 mm	500 mm
	H	100 mm	500 mm
F2010	L	350 mm	1000 mm
	W	150 mm	650 mm
	H	300 mm	650 mm

# ACCESSORIES & CONVEYORS



## MANUAL PACKING STATION WITH TILT

The front filling station holds the shaped box steady (before the bottom is taped) in a tilted position which facilitates filling operations with certain products.



## CENTERING DEVICE

The indexer regulates the flow of boxes to the taping machine and operates compatibly with all the machines taping the cartons with adhesive tape.



## BOX-PACKING SUPPORT BLADE

A handy economical accessory which holds the shaped box (prior to closure of the bottom) during filling.



## MANUAL PACKING STATION WITH TILT

Ideal for handling boxes on filling lines and for the start of the closing station. Available with lengths of 75 cm and multiples, width 50 cm or 65 cm.



## EXTENSIBLE ROLLERS CONVEYOR

Versatile, light and extremely practical, the extensible rollers conveyor allows carton transportation in straight and curves lines.



## GEARLESS GRAVITY ROLLERS CONVEYOR

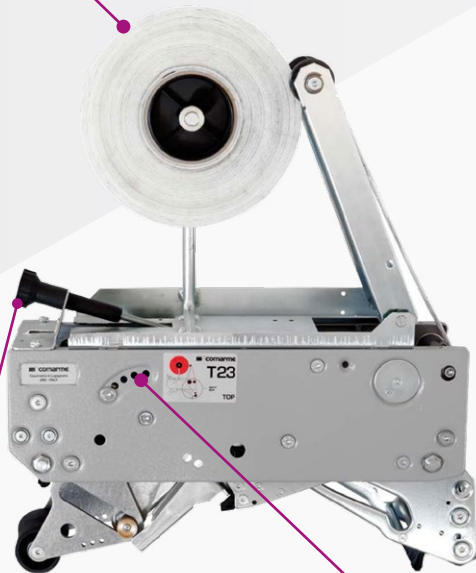
Available in various lengths and width 50 cm or 65 cm, the gearless rollers conveyor is constructed in two different versions, either with aluminium rollers and nylon bushings or with steel rollers on bearings.

# WHAT ARE THE BENEFITS OF COMARME'S UNIQUE TAPE HEAD?



**Interchangeable between the top and bottom and throughout the range of machines**

Compatible with tapes rolls up to 360mm diameter



Easily adjust the tension of force by the simple twist of a handle  
**No tools required**

The cutter arm tension is adjustable for reliable cut-off of various grades of tape

Front cutter that eliminates the need to engage the primary cutter during the roll change operation



The unique design of the taping head produces uniform pressure on all case surfaces and automatically conforms to different case configurations



Overtime reduced and production increased with no extra operators.  
**A real win win!**

**PRODUCTION MANAGER -  
SPECIALIST CARTON MANUFACTURER**

# HAZEL 4D PACKAGING CONSULTATIONS

PROTECTING THE PLANET, PEOPLE & YOUR PROFITS



**Book your consultation today**

**Hazel 4D**

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