Handling a wide range of substrates from cartonboard to corrugated, OMEGA Allpro gluers are extremely versatile and capable of producing the most complex range of carton styles minimizing make-ready and maximizing productivity and profitability.

Presented in 7 sizes from 55 to 165 cm width, Allpro gluers produce straight line, double wall, crash lock and optional 4&6 corner with single finger servo backfold system as well as inner partition, Z-fold, crash lock and CD boxes at a maximum belt speed of 400 m/min.

Omega Allpro gluers have motorized or motorized with memory versions available. Allopro folder gluers can be equipped with OMEGA Braille Embossing System, OMEGA Turnpro, OMEGA Nick Breaker, OMEGA Ejection Section as well as OMEGA Pre-Feeder, OMEGA Pack Station and OMEGA Pack full automatic packer.

Furthermore, Allopro folder gluers can also be customized to meet the requirements of special projects.

You can now design your carton box as you imagine it.

We build your imagination.
7 Stackers

- Dual-beam carriers with adjustable rear rollers to help stack irregular shaped cartons
- Pneumatic, integrated compression stacker
- Automatic speed adjustment in accordance with the carton flow
- Automatic guiding and lateral correction for upper and lower aprons
- Adjustable pressure belt on stacker apron
- Mounted on adjustable wheels
- Optional rear box squaring system on 120 – 145 – 165
- Optional pneumatic and PLC controlled dual-beam carriers for additional control over corrugated auto bottom boxes.

8 General Features

- Easy belt changing (shafts are not pulled for changing belts)
- Upper carriers raised and lowered by easy system for easy adjustment to carton thickness
- Solid stainless steel frame
- Rungs on 120 – 145 – 165 in a 2mm pitch
- Seamless touch-screw main control panel
- Belt speed: Omega Allpro 55 – 70 – 90 – 110: 400 m / min
- Omega Allpro 130 – 145 – 165: 300 m / min
- AC motors and Siemens drives + 2 servo motors for optional back folding
- 1.1 KW AC compression stacker drive motor
- Pneumatic, integrated compression stacker
- Dual lead-in carriers with adjustable nose rolls to help stack irregular shaped cartons
- Optional center carrier with sleeping position providing easier set up for small sized boxes
- Optional pneumatic squaring system for micro flute auto bottom boxes on 110, 130, 145 and 165
- Two different sized multi positioned swords
- Polyamide guides
- 2 standard changeable brass glue disks available from 2.5 to 12 mm
- Easily adjustable extendable rack style blank support at feed for longer cartons on Allpro 110, 120, 145 and 165
- Optional vacuum system on 3 center belts

6 Delivery Section

- Deliverable 6 corners and 4 auto bottom corners
- Available in two sizes: 1.000 mm and 1.650 mm
- Spare rollers for different widths of glue flaps
- Available in two sizes: 1.000 mm and 1.650 mm
- Two sets of extra carriers (put in use for lock bottom and special carton styles on 110, 130, 145, and 165)
- Spare rollers for different widths of glue flaps
- Located on PF1 and PF2 sections

5 Final Fold Section

- Long fold to provide easy box flowing
- Drop in center carrier in final fold
- Independent speed adjustment for folding belts
- Chromium plated one way folding rollers with different angles which can be adjusted at four different positions
- Sliding end rolls on both sides of the machine for 4 corner boxes with lid and special carton style on 110, 120, 145 and 165
- Easily adjustable lower left hand glue reel with 226 mm Ø wheel
- Rubber glue
- Dual lead-in carriers with adjustable nose rolls
- Pneumatic, integrated compression stacker
- Motor vibrating feed pile support for separating blanks and eliminating drops and doubles
- 3 KW feed AC motor for independent blank spacing
- Motor vibrating feed pile support for separating blanks and eliminating drops and doubles
- 2 different size pile supports
- Dual channel tapped feed gates adjustable in four directions, providing precise control on all blankers
- Hopper sides independently adjustable in four directions
- Individual blank light
- Individual blank dual carrier system
- Belt speed: Omega Allpro 55 – 70 – 90 – 110: 400 m / min
- Omega Allpro 130 – 145 – 165: 300 m / min

4 Auto Bottom and 4&6 Corners

- Standard Auto Bottom Unit
- 4 and 6 corner carriers
- 2 sets (50 pieces) of shoes in different sizes
- 2 pieces of folding tools assembled
- Located on PF 1 and PF 2 sections
- Omega Servo Back Folding System for 4 & 6 Corner Boxes

1 Feeder

- Electronic regulation system to provide continuous carton flow to the stacker entry
- 4 KW AC delivery motor for independent blank spacing
- Kicker / counter
- Belts can be adjusted while the carriers are running
- Breaker rolls on 110 – 130 – 145 – 165
- Individual modular feed carriers
- Individual belt tightening
- Hopper sides independently adjustable in four directions
- Individual blank light
- Individual blank dual carrier system
- Belt speed: Omega Allpro 55 – 70 – 90 – 110: 400 m / min
- Omega Allpro 130 – 145 – 165: 300 m / min

2 Optional Side Register Section

The modular Omega Side Register System squares corners prior to entering the prefold section, going additional control over blanks. Two sets of upper and lower auxiliary carriers transport blanks through the section when the side register is not being used.

- The Side Register is located on the left side of the machine, can be easily converted to left or right side register
- Optional side register bay on the right side of the machine for for bigger sized, right glue flapped boxes
- Easily adjustable to various material thicknesses
- 36 pieces of angled rollers
- 2 sets of wax carriers (in use for look bottom and special carton styles on 110, 130, 145, and 165)
- Spare rollers for different widths of glue flaps
- Available in two sizes: 1.000 mm and 1.650 mm

3 Pre-Fold Sections (PF1+PF2)

- High speed third score opener
- Pre-break of the third creasing line up to 125°
- On Omega Allpro 70 and 90, the servo back folding system operates in high speed with the third score opener producing a 6 corner box while the system on Omega Allpro 110, 120, 145 and 165 operates with single finger production and 6 x 6 corner boxes. The Omega Servo Back Folding System with single finger allows folding of all types of boxes with thickness up to 7 mm automatically by making all the adjustments for the operator, after the operator simply inputs the flap length in the electronic value memory for future orderers. This system allows the operator to make adjustments for lines with different material thickness and types.
- Each job is saved in electronic value memory for future orders.
- 2 sets (5 pieces) of different sized waxed roller (mark rolled, folding rolls)
- Polyamide guides on the final fold section for 4 corner with lid and 6 corners
- Located on PF1 and PF2 Section

Omega Allpro

- OMEGA Allpro 130 – 145 – 165 : 300 m / min
- Omega Allpro 55 – 70 – 90 -110 : 400 m / min