

Omega AllPro



The Omega AllPro gluers produce straight line, crash lock, 4&6 corner (with single finger servo fold for high speed precision) as well as double wall, inner partition, Z-fold, conical crash lock and CD boxes at a maximum speed of 450 m/ min. All Omega gluers are equipped with touch screen control panels, and modems for diagnostic purposes that are designed for strength and reliability. Handling a wide range of substrates from cartonboard to corrugated, AllPro gluers are extremely versatile and capable of producing the most complex range of carton styles, minimizing make ready and maximizing productivity and profitability.

Feeder



- . 3 KW feed AC motor for independent blank spacing
- . 10 feeder belts (26 mm)
- . Motor vibrating feed pile support for separating blanks and eliminating skips and doubles
- . Dual diamond tipped feed gates adjustable in four directions, providing precise control on all blanks
- . Additional removable bearing rolls for smaller sized blanks
- . Individual belt tightening
- . Individual modular feed carriers
- . Extendable rack style blank support at feed for longer cartons
- . Optional vacuum system

Optional side register



The modular side register system squares cartons prior to entering the prefold section, giving additional control over blanks. A driven upper and lower auxiliary carrier transports blanks through the section when the side register is not being utilized

- . Easily converted to left or right side registration
- . Easily adjusted to various material thicknesses
- . 84 pcs. of chromium plated, angled rollers
- . 2 lower (24 mm) and 2 upper (19 mm) side register belts
- . On the right hand side, 2 sets of carriers (put in use for lock bottom and tapered boxes when the rollers are not used)
- . Spare rollers for different sized boxes
- . Length: 1,000 mm

Auto Bottom Unit



- . 3 lower and 3 upper carriers
- . 3 sets (9 pcs.) of shoes in different sizes
- . 6 pcs. of folding hook assemblies
- . Various sized hooks

Servo Back Folding Option For 4 & 6 Corner

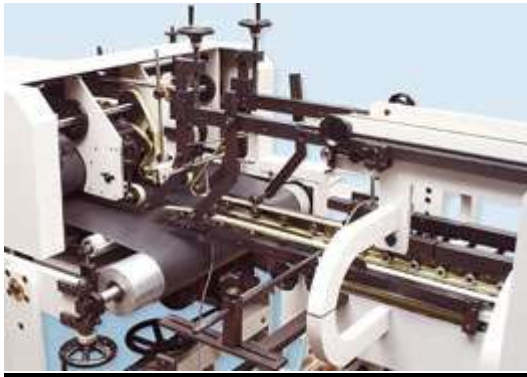


The Omega Servo Back Fold System with single finger provides consistent and uninterrupted 4 & 6 corner back fold function. The system is available on all Omega AllPro folder gluers except Omega AllPro 55. On Omega AllPro 70 and 90, the servo back folding system operates with three fingers producing 4 corners while the system on Omega AllPro 110, 130, 145 and 165 operates with single finger producing 4 & 6 corners. The Omega Servo Back Fold System with single finger allows folding of all types of boxes within the machine range automatically by making all the adjustments for the operator, after the operator simply inputs the flap length. The touch screen input pad enables the operator to make changes to all parameters allowing for different board grains, thicknesses and types.

Each job is saved in electronic value memory for future orders.

- . 2 sets (6 pcs.) of different sized, wooden (rock maple), folding shoes
- . Polyamid guides on the final fold section for 4 corner with lid and 6 corners

Delivery



The special design of the delivery section offers more control over finished cartons with long delivery carriers and rugged construction, providing a greater range of carton placement on the stacker apron and the ability to “kick” cartons from either side. Dual lead-in carriers provide optimum stacking control for irregular shaped cartons. The adjustable nose rolls maximize pile depth in the compression section whether understacking or overstacking.

- . 2 lower and 2 upper extended delivery carriers with easy adjustment in four directions for all kinds of carton styles and sizes
- . Breaker rolls on 110 - 130 - 145 - 165
- . Belts can be adjusted while the carriers are running
- . Kicker / counter
- . 4 KW AC delivery motor for independent blank spacing
- . Electronic regulation system to provide continuous carton flow to the stacker entry

Stacker



- . Pneumatic, integrated compression stacker
- . Dual lead-in carriers with adjustable nose rolls to help stack irregular shaped cartons
- . Control for temporary delivery acceleration
- . Independent speed adjustment in accordance with the carton flow
- . Automatic guiding and lateral correction for upper and lower aprons
- . Adjustable glue flap pressure belt on stacker apron
- . Mounted on adjustable wheels

Other Standard Features:

- . Easy belt changing (shafts are not pulled for changing belts)
- . Standard size bearings
- . Solid steel frames
 - Omega AllPro 55 : 15 mm
 - Omega AllPro 70 - 90 : 20 mm
 - Omega AllPro 110 - 165: 25 mm
- . Touch screen counter and main control panel with kicker
- . Position indicators
- . Large bottom glue pot with 226 mm \emptyset wheel
- . Single key adjustment
- . Belt speed:
 - Omega AllPro 55 - 70 - 90 - 110: 450 m/min
 - Omega AllPro 130 - 145 - 165 : 300 m/min
- . 20 x 20 mm stainless steel support bars
- . 4 AC motors and Siemens drives + 2 servo motors for back folding