

OMEGA Magnus

6 Stacker

- Servo stacker for perfect shingling
- Pneumatic style integrated compression stacker (adjustable control)
- Control for temporary stacker acceleration
- Time adjuster on touch screen to adjust the stacker speed in accordance with box flow
- Automatic guiding and lateral correction for upper and lower aprons
- Adjustable pressure belt for additional pressure on a precise point of the auto lock bottom box
- Motor for the lengthwise movement of the upper stacker parts
- Rear box squaring device with front edge control gauges (Back spanker)

4 Final Fold Section

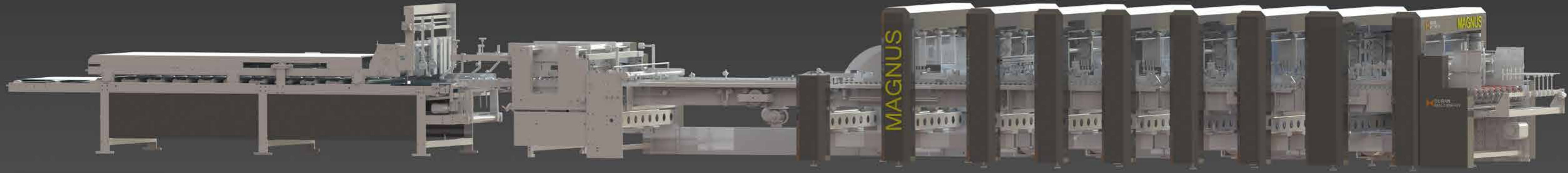
- Long final fold to provide easy box flowing
- Chromium plated folding rollers with different angles which can be adjusted at 4 different positions
- Independent speed adjustment for folding belts by motors
- Polyamide guides
- Guide rollers to adjust folding belts up and down
- Two different sized multi positioned swords
- Pneumatic squaring device at the end of the final fold for squaring auto lock bottom

3 Servo Back Folding System for 4&6 Corners

The Omega Servo Back Fold System with single finger provides consistent and uninterrupted 4 & 6 Corners production. The Omega Servo Back Fold System 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 allows operator to make changes to all parameters allowing for different board grains, thickness and types. Each job is saved in electronic memory for future orders.

1 Feeder

- Servo motor for instant reaction with independent speed adjustment
- Adjustable motor vibrating feed pile support
- Individual dual belt adjustment
- Pneumatic belt take-ups
- Pneumatically lifted feed gates and hopper sides
- Hopper side plates and feed gates move on linear guideways by motors
- Extendable rack style blank support at feed for larger boxes
- Dual diamond tipped feed gates with portable and independently adjustable motorized feed gates
- Colour monitor on feeder for surveying delivery



7 General Features

- Substrates: 300 – 700 gsm Cardboard / N, F, E, B, C, EB and EC Flute Corrugated up to 7 mm thickness
- Machine length: 21,5 meters
- Max. belt speed: 250 m./ min.
- Steel side frame thickness: 30 mm.
- Standard auto bottom bottom module
- All carriers are motorised
- Easy belt changing
- All carriers move on linear ball bearings
- Tooth belt for perfect synchronisation between sections
- Remote control
- 10,5 inch LCD touch screen control panel
- Carrier motor control buttons on both sides of the machine

5 Delivery Section

- Extended delivery with easy adjustment in every direction
- Breaker rolls
- Belts to be adjusted while the carriers are running

- 2 sets (6 pcs) of different sized, wooden (rock maple), folding shoes
- Movable end rollers for 4 corners with lid and/or special applications
- Located on First and Second Folding Modules

2 First and Second Folding Modules

- 1st section with 3 lower and 3 upper carriers
- 2nd section with 3 lower and 4 upper carriers
- Upper carriers are top driven
- 3 sets (12 pcs) shoes for different sizes auto lock bottom boxes
- 7 auto lock bottom fingers
- Extra hooks in different sizes and shapes
- Pneumatically raised and lowered independently driven upper carriers