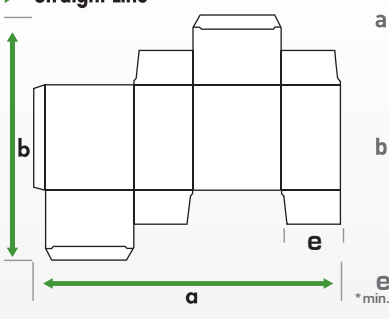
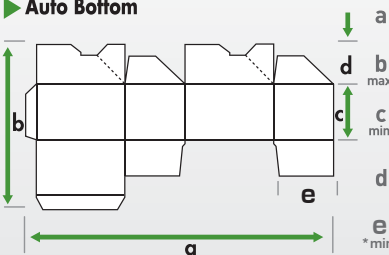
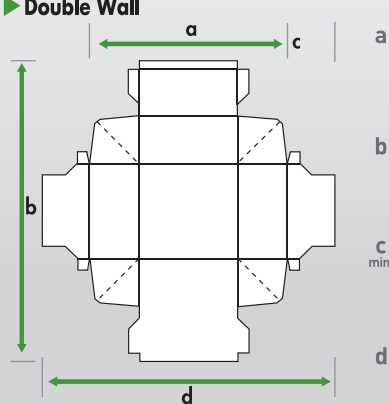
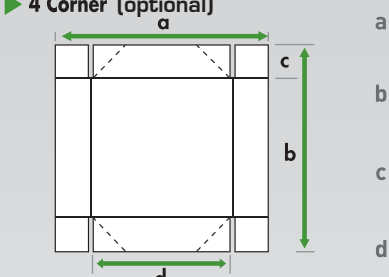
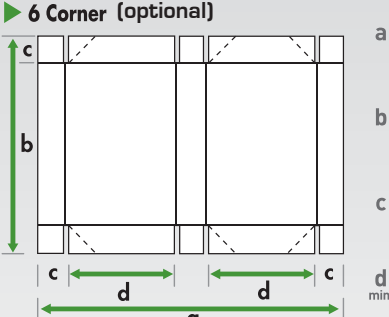


CARTON STYLES AND RANGES	MODEL 80	MODEL 110	MODEL 145	
Straight Line 	a	58-800 mm	96-1100 mm	240-1450 mm
	b	60-600 mm	60-600 mm	100-1350 mm
	e min.	140 mm	160 mm	200 mm *on max. width
Auto Bottom 	a	150-800 mm	150-1100 mm	270-1450 mm
	b max.	900 mm	900 mm	1100 mm
	c min.	50 mm	50 mm	70 mm
	d	22-180 mm	22-180 mm	30-250 mm
	e min.	140 mm	160 mm	200 mm *on max. width
Double Wall 	a	60-580 mm	60-580 mm	120-980 mm
	b	60-600 mm	60-600 mm	80-1350 mm
	c min.	15 mm	15 mm	40 mm
	d	90-800 mm	90-900 mm	200-1450 mm
4 Corner (optional) 	a	160-700 mm	160-830 mm	160-1330 mm
	b	160-600 mm	160-600 mm	160-1000 mm
	c	25-125 mm	25-125 mm	25-175 mm
	d	110-580 mm	110-670 mm	110-980 mm
6 Corner (optional) 	a		295-900 mm	295-1350 mm
	b		160-600 mm	160-1000 mm
	c		25-150 mm	25-175 mm
	d min.		110 mm	110 mm

	MODEL 80	MODEL 110	MODEL 145
TOTAL POWER (kW)	18	24	33
LINE VOLTAGE (V)	3X(380-500)	3X(380-500)	3X(380-500)
SIZE (mm)	1525X12800	2100X12800	2450X15800
WEIGHT (kg)	4500	5000	9000

Dimension e min. is the minimum panel width when running maximum width cartons.
The above dimensions may not apply to disproportioned cartons, some can be achieved with electronic gluing system.
All models are subject to design modification without notice. Table contains optional equipment.

DURAN
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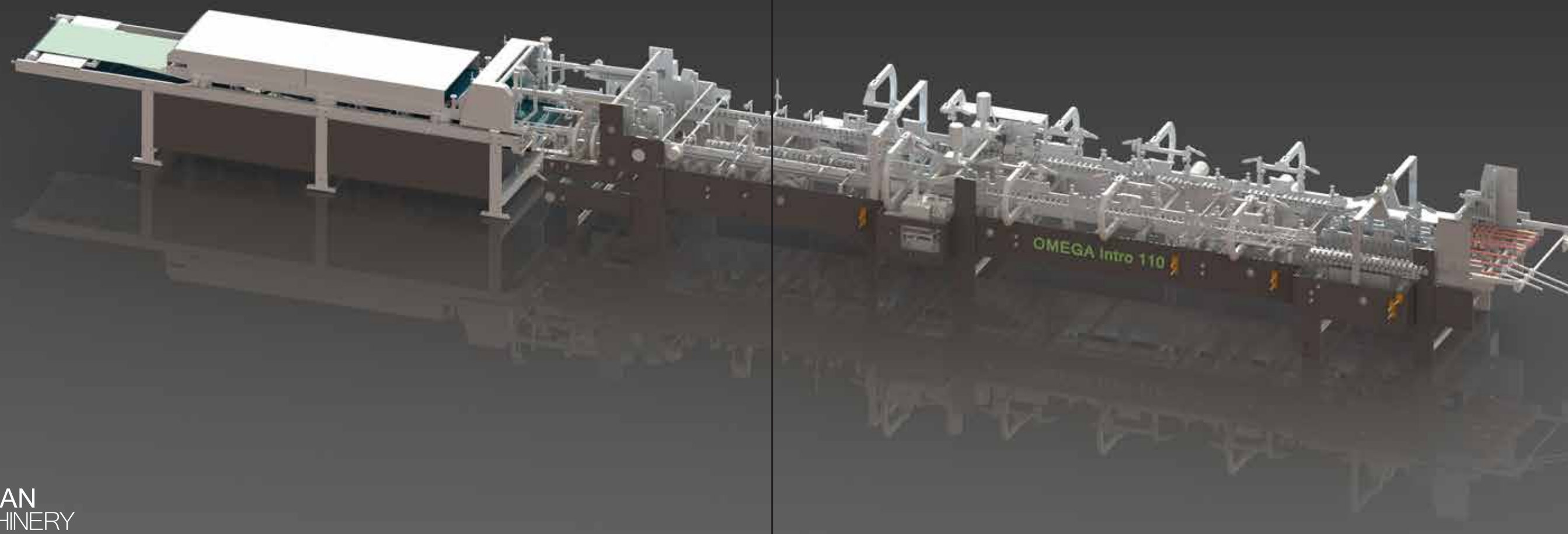
The new Omega Intro series is specifically designed as a high quality budget line to be a reliable profit center for many years to come.

Presented in 3 sizes; 80 - 110 - 145, the Omega Intro line provides folding and gluing of all standard and most common optional carton styles with high precision and ease.

Like all OMEGA Folder Gluers, the INTRO line is designed and manufactured at Duran Machinery plant in Istanbul to carry the well-known OMEGA qualities.

You can now design your carton box
as you imagine it

We build your imagination



DURAN
MACHINERY

DURAN MAKİNA SANAYİ VE TİCARET A.Ş.

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web : www.duranmachinery.com

OMEGA Intro

OMEGA Intro

7 Stacker

- Pneumatic, integrated compression stacker
- 1,1 KW AC compression stacker drive motor
- Dual lead-in carriers with adjustable nose rolls to help stack irregular shaped cartons
- Independent speed adjustment in accordance with the carton flow
- Automatic guiding and lateral correction for upper and lower aprons
- Adjustable pressure belt on stacker apron
- Optional rear box squaring system for straightline corrugated on Intro 145
- Mounted on adjustable wheels

8 General Features

- Upper carriers raised and lowered by easy system for easy adjustment to carton thickness
- Standard size bearings
- Solid steel frames
- 20 x 20 mm support bars
- Siemens touch screen main control panel
- 4 AC motors and Siemens drives + 2 servo motors for optional back folding (4 & 6 Corners)
- Remote control
- Remote diagnostic connection via internet
- CE Certificate

Standard Carton Styles:

- Straight line
- Auto bottom
- Double wall
- Presentation folders
- French fries cartons
- CD Boxes
- Conical crash lock

Optional Features

- Side Register Section
- Braille Embossing Section on Intro 80-110
- Motorized Carriers
- Vacuum on Feeder
- Pneumatic squaring system for micro flute auto bottom boxes on Intro 80
- Rear box squaring device on Intro 145

Optional Carton Styles:

- Z- fold on Intro 80 - 110
- 4 Corners on Intro 80 - 110 - 145
- 6 Corners on Intro 110 - 145

5 Final Fold Section

- Long final fold to provide easy box flowing
- Drop in center carrier in final fold with 24 mm lower and 19 mm upper belts
- Folder belts with independently adjustable speed
- Chromium plated and sliding folding rollers with different angles which can be adjusted at four different positions
- Easily adjustable lower left hand glue pot with 226 mm Ø wheel
- 2 standard changeable brass glue disks available from 2,5 to 13 mm
- Polyamide guides
- Two different sized multi positioned swords
- Pneumatic squaring system for micro flute auto bottom boxes on 110 and 145

6 Delivery Section

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.

- Dual adjustable 2 lower and 2 upper extended delivery carriers with easy adjustment for all kinds of carton styles and sizes
- Belts can be adjusted while the carriers are running
- Kicker / counter
- AC delivery motor for independent blank spacing
- Electronic regulation system to provide continuous carton flow to the stacker entry

4 Auto Bottom and 4&6 Corners

a- Auto Bottom Unit

- 3 sets (12 pieces) of shoes in different sizes
- 6 pieces of folding hook assemblies
- Various sized hooks
- Located on PF1 and PF2 section

b- Optional Servo Back Folding System for 4&6 Corners

The Omega Servo Back Fold System provides consistent and uninterrupted 4 corner back fold function. Intro 80 is capable of optional 4 corners production, while Intro 110 and 145 are capable of optional 4 & 6 corners production.

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
- Polyamide guides on the final fold section for 4 corner
- Located on PF1 and PF2 sections

1 Feeder

- 3 KW AC motor for independent blank spacing
- Motor vibrating feed pile support for separating blanks and eliminating skips and doubles
- 2 different sized pile supports
- Dual diamond tipped feed gates adjustable in four directions, providing precise control on all blanks
- Hopper sides independently adjustable in four directions
- Modular feed carriers with individual belt tightening
- Optional vacuum system on 3 center belts

2 Optional Side Register Section

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

- The Side Register is located on the left side of the machine, can be easily converted to left or right side registration.
- Easily adjusted to various material thickness
- 82 pieces of angled rollers
- 2 lower (24 mm), 2 upper (19 mm) belts
- 2 sets of extra carriers (put in use for lock bottom and tapered boxes when rollers are not used)
- Spare rollers for different widths of glue flaps
- Length: 1.000 mm

3 Pre-Fold Sections (PF1+PF2)

- Pre-break of the first creasing line up to 180°
- Pre-break of the 3rd creasing line up to 135°
- Left and right hand glue flap breakers

