



THERMOFORMING IS OUR PASSION...

Thermoforming
Machines & Molds

AUTOMATIC PACKAGING

NEW
PRODUCT



ER 130-S

NEW
PRODUCT



ER 70-C



ER 70-3/70-4 XL

ER 80-3/80-4

ER 90-3/90-4

ER 100-3/100-4



ER 130 TRIM PRESS



THERMOFORMING MOLDS



FOR OUR EFFECTIVE SOLUTIONS, DIRECTLY CONTACT US
info@erkur.com / www.erkur.com

Türkiye
Gücünü ve
Potansiyelini Keşfet

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ER 130 TRIM PRESS

THERMOFORMING
MACHINES



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ER 70-3/70-4 XL

THERMOFORMING
MACHINES



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ER 130-S

THERMOFORMING
MACHINES



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ER 70-C

THERMOFORMING
MACHINES



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ER 90-3/90-4

THERMOFORMING
MACHINES



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AUTOMATIC PACKAGING

AUTOMATIC PACKAGING
MACHINES



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ER 80-3/80-4

THERMOFORMING
MACHINES



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ERKUR DESIGN STUDIO

WE PROVIDE COMPLETE TOOLING
FOR THERMOFORMING APPLICATIONS



OVERVIEW *ER-SERIES*





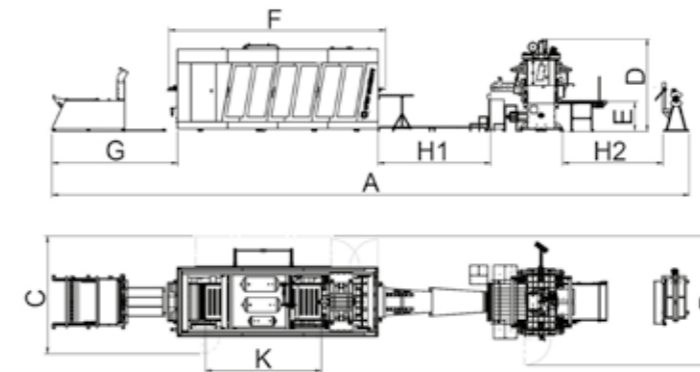
ER 130 TRIM PRESS



Technical Specification

MODELS		ER 130 TRIM PRESS
FUNCTION		Form-Cut-Stack
Forming Mould Size		1300 x 1200 mm
Cut&Stack Mould Size		1500 x 600 mm
Forming, Cutting Area		1275 x 1175 mm
Sheet Width		1240 mm Max.
Sheet Thickness		0,1 - 2 mm for Plastics / 1,0 - 5 mm for PS Foam
Maximum Sheet Roll Weight		1500 kg
Maximum Bobbin Diameter		1600 mm
Max. Product Height		Positive 130 mm / Negative 130 mm
Max. Dry Cycles		45 cycles/min.
Total Installed Power		230-240 kW
Heater Lenght		3950 mm
Heating power	Upper	75 kW
	Lower	73 kW
Vacuum		200 m³/min.
Required Compressor		6-7 m³/min.
Required Chiller		40.000 Kcal/h
Operation Pressure		6-8 bar
Forming Closing Force		75.000 daN
Cutting Closing Force		120.000 daN
Lubrication System		Automatic machine and chain lubrication
Approximate Machine Weight (ton)		28,5 t.

Cutting&Punching can be done at the same station | With Trim Press, we can cut with a serrated knife



ER 130 TRIM PRESS	A	B	C	D	E	F	G	H1	H2	K
	2124	440	400	315	100	740	430	385	290	3950 (HEATER)

*sizes in cm

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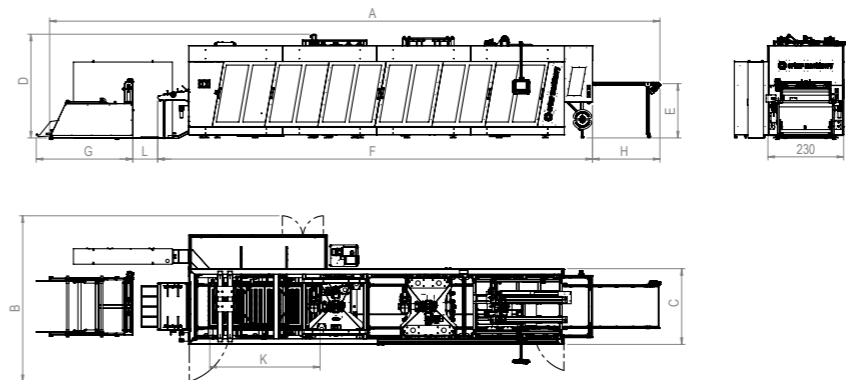
ER 130-S



Technical Specification

MODELS		ER 130S
FUNCTION		Form-Cut-Stack
Forming Mould Size		1300 x 1200 mm
Mould High Forming	Upper	200-300 mm
	Lower	150-250 mm
Mould High Cutting & Stacking	Upper	90-160 mm
	Lower	80-120 mm
Forming, Cutting Area		1275 x 1175 mm
Sheet Width		1240 mm max.
Sheet Thickness		0,1-2 mm for plastics / 1,0-5 mm for PS foam
Maximum Sheet Roll Weight		1500 kg
Maximum Bobbin Diameter		1600 mm
Max. Product Height		Positive 130 mm / Negative 130 mm
Max. Dry Cycles		45 cycles/min.
Total Installed Power		230-240 kW
Heater Length		3340 mm
Heating power	Upper	156 kW
	Lower	156 kW
Vacuum		200 m3/min.
Required Compressor		4-5 m3/min.
Required Chiller		40.000 Kcal/h
Operation Pressure		6-8 bar
Forming Closing Force		75.000 daN
Cutting Closing Force		120.000 daN
Lubrication System		Automatic machine and chain lubrication
Approximate Machine Weight (ton)		15 t.

Cutting&Punching can be done at the same station | With Trim Press, we can cut with a serrated knife



ER 130S	A	B	C	D	E	F	G	H	L	K
	1850	503	230	314	164	1318	293	205	75	334 (HEATER)

*sizes in cm

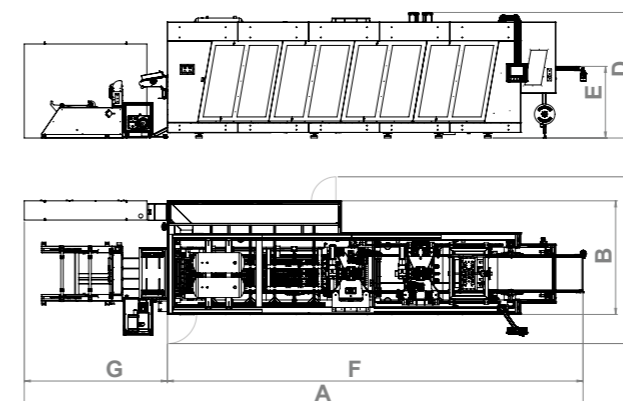




ER 100-3 / ER 100-4

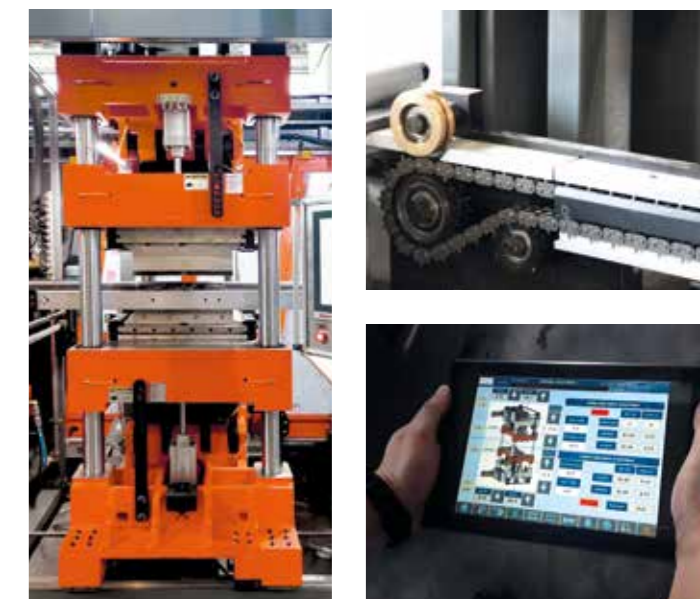
Technical Specification

MODELS	ER 100-3	ER 100-4
FUNCTION	Form-Cut-Stack	Form-Punch-Cut-Stack
Max. Mould Size	1020 x 720 mm	
Forming Mould Height	Upper	150 - 240 mm (with adaptor) 360 - 450 mm (without adaptor)
	Lower	150 - 240 mm
Cutting Mould Height	Upper	40 - 190 mm
	Lower	190 mm fix.
Punching Mould Height	Upper	-
	Lower	175 - 325 mm 260 mm fix.
Forming, Cutting Area	970 x 670 mm	
Sheet Width	1060 mm Max.	
Sheet Thickness	0,1 - 2,0 mm Max.	
Sheet Unwinder Reel	1300 mm Max.	
Maximum Sheet Roll Weight	1500 kg	
Max. Product Height	Positive 150 mm / Negative 150 mm	
Max. Dry Cycles	75 cycles/min.	
Running Power	100-130 kW	
Total Installed Power	225 kW / Foam 310 kW	
Vacuum	200 m ³ /min.	
Required Compressor	6-7 m ³ /min.	
Required Chiller	40.000 Kcal/h.	
Operation Pressure	6-8 bar	
Forming Closing Force	90.000 daN	
Cutting Closing Force	90.000 daN	
Punching Closing Force	90.000 daN	
Pitch Accuracy	0,15 mm	
Lubrication System	Automatic machine and chain lubrication	
Maximum Stacking Height (Sweeper)	500 mm	
Maximum Stacking Height (Robot)	500 mm	
Approximate Machine Weight (ton)	3 station - 24 t. / 4 station - 31 t.	



ER100		A	B	C	D	E	F	G
	3 Station	1360	305	475	310	175	1010	350
	4 Station	1535	305	475	310	175	1175	350

*sizes in cm

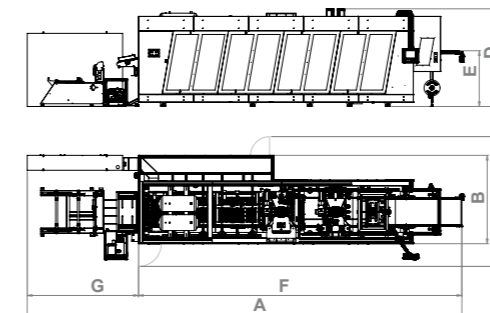




ER 90-3 / ER 90-4

Technical Specification

MODELS	ER 90-3	ER 90-4
FUNCTION	Form-Cut-Stack	Form-Punch-Cut-Stack
Max. Mould Size	920 x 720 mm	
Forming Mould Height	Upper	150 - 240 mm (with adaptor) 360 - 450 mm (without adaptor)
	Lower	150 - 240 mm
Cutting Mould Height	Upper	40 - 190 mm
	Lower	190 mm fix.
Punching Mould Height	Upper	-
	Lower	175 - 325 mm 260 mm fix.
Forming, Cutting Area	870 x 670 mm	
Sheet Width	960 mm Max.	
Sheet Thickness	0,1-2 mm Max.	
Sheet Unwinder Reel	1300 mm Max.	
Maximum Sheet Roll Weight	1500 kg	
Max. Product Height	Positive 150 mm / Negative 150 mm	
Max. Dry Cycles	75 cycles/min.	
Running Power	55-65 kW	
Total Installed Power	225 kW / Foam 310 kw	
Vacuum	200 m ³ /min.	
Required Compressor	6-7 m ³ /min.	
Required Chiller	40.000 Kcal/h.	
Operation Pressure	6-8 bar	
Forming Closing Force	90.000 daN	
Cutting Closing Force	90.000 daN	
Punching Closing Force	90.000 daN	
Pitch Accuracy	0,15 mm	
Lubrication System	Automatic machine and chain lubrication	
Maximum Stacking Height (Sweeper)	500 mm	
Maximum Stacking Height (Robot)	500 mm	
Approximate Machine Weight (ton)	3 station - 21 t. / 4 station - 28 t.	



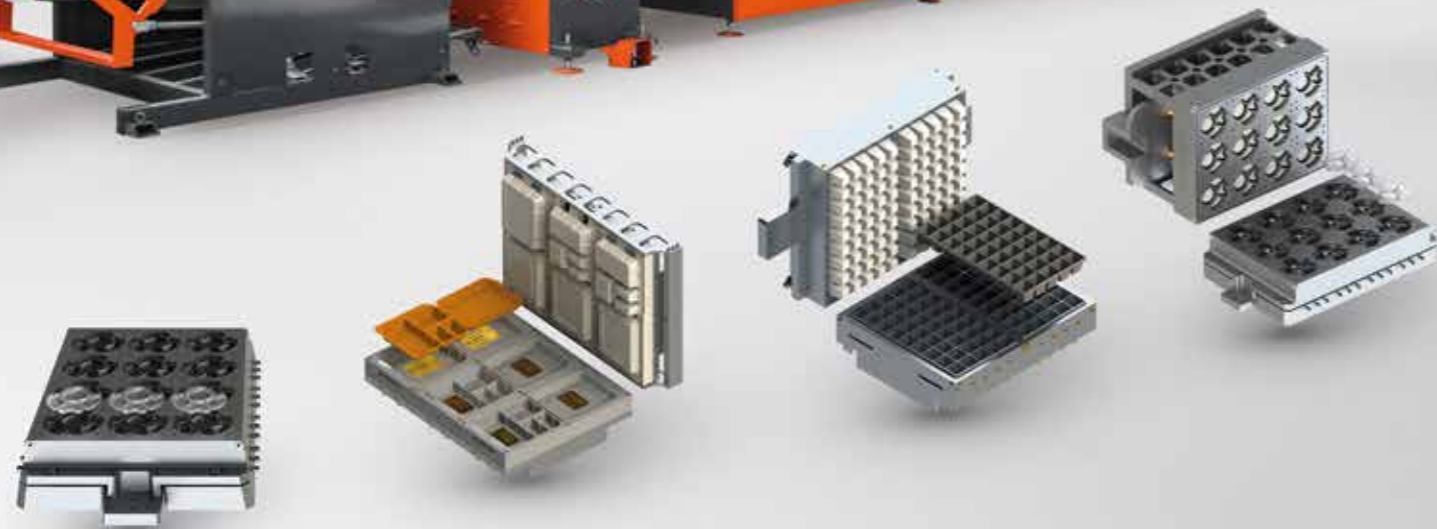
ER90		A	B	C	D	E	F	G
	3 Station	1360	305	475	310	175	1010	350
	3F Foam	1490	300	470	310	175	1140	350
	4 Station	1535	305	475	310	175	1175	350
	4F Foam	1650	300	470	310	175	1300	350

*sizes in cm



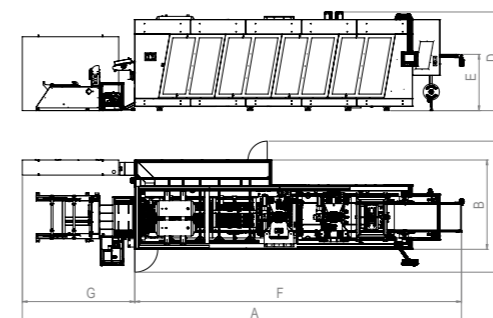


ER 80-3 / ER 80-4



Technical Specification

MODELS		ER 80-3	ER 80-4
FUNCTION		Form-Cut-Stack	Form-Punch-Cut-Stack
Max. Mould Size		800 x 580 mm	
Forming Mould Height	Upper	150 - 330 mm	
	Lower	150 - 250 mm	
Cutting Mould Height	Upper	50 - 150 mm	
	Lower	150 mm fix.	
Punching Mould Height	Upper	-	145 - 325 mm
	Lower	-	250 mm fix.
Forming, Cutting Area		750 x 530 mm	
Sheet Width		845 mm Max.	
Sheet Thickness		0,1-2 mm Max.	
Sheet Unwinder Reel		1200 mm Max.	
Maximum Sheet Roll Weight		1500 kg	
Max. Product Height		Positive 130 mm / Negative 130 mm	
Max. Dry Cycles		75 cycles/min.	
Running Power		40 - 50 kW	
Total Installed Power		170 kW / Foam 270 kW	
Vacuum		200 m ³ /min.	
Required Compressor		6-7 m ³ /min.	
Required Chiller		40.000 Kcal/h.	
Operation Pressure		6-8 bar	
Forming Closing Force		80.000 daN	
Cutting Closing Force		80.000 daN	
Punching Closing Force		80.000 daN	
Pitch Accuracy		0,15 mm	
Lubrication System		Automatic machine and chain lubrication	
Maximum Stacking Height (Sweeper)		400 mm	
Maximum Stacking Height (Robot)		500 mm	
Approximate Machine Weight (ton)		3 station - 18 t. / 4 station - 23 t.	



	A	B	C	D	E	F	G
ER80 3 Station	1245	280	450	300	165	895	350
3F Foam	1350	280	450	300	165	1015	350
4 Station	1370	280	450	300	165	1090	350
4F Foam	1565	280	450	300	165	1215	350

*sizes in cm

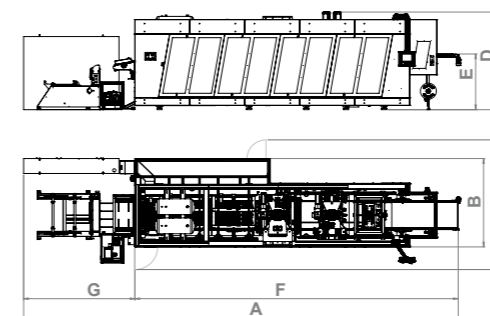




ER 70-3XL / ER 70-4XL

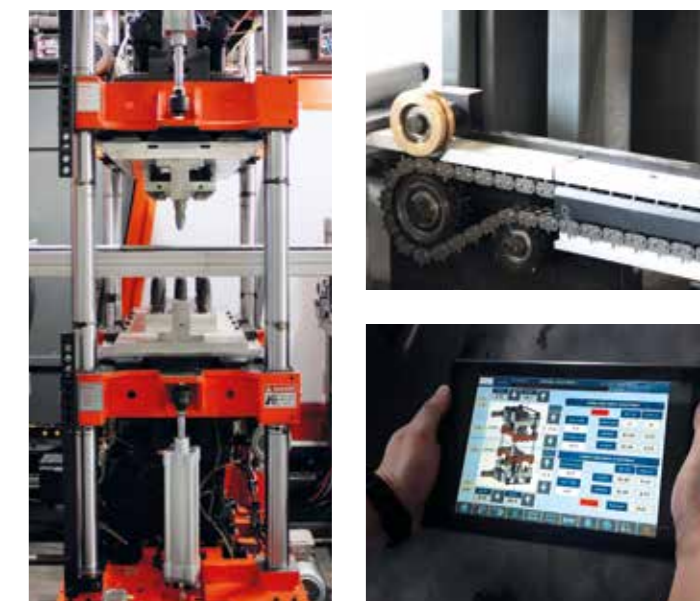
Technical Specification

MODELS	ER 70-3 XL	ER 70-4 XL
FUNCTION	Form-Stack	Form-Punch-Stack
Max. Mould Size	700 x 585 mm	
Forming Mould Height	Upper	125 - 175 mm (with adaptor) 310 - 350 mm (without adaptor)
	Lower	125 - 175 mm
Mould Height	Upper	30 - 140 mm
	Lower	140 mm fix.
Punching Mould Height	Upper	-
	Lower	95 - 205 mm 180 mm fix.
Forming, Area	650 x 450 mm	
Sheet Width	740 mm Max.	
Sheet Thickness	0,1 - 2 mm Max.	
Sheet Unwinder Reel	1300 mm Max.	
Maximum Sheet Roll Weight	1500 kg	
Max. Product Height	Positive 100 mm / Negative 100 mm	
Max. Dry Cycles	75 cycles/min.	
Running Power	30-40 kW	
Total Installed Power	150 kW / Foam 210 kW	
Vacuum	105 m³/min.	
Required Compressor	5-6 m³/min.	
Required Chiller	30.000 Kcal/h.	
Operation Pressure	6-8 bar	
Forming Closing Force	70.000 daN	
Closing Force	70.000 daN	
Punching Closing Force	70.000 daN	
Pitch Accuracy	0,15 mm	
Lubrication System	Automatic machine and chain lubrication	
Maximum Stacking Height (Sweeper)	400 mm	
Maximum Stacking Height (Robot)	300 mm	
Approximate Machine Weight (ton)	3 station - 12 t. / 4 station - 16 t.	



ER70 XL		A	B	C	D	E	F	G
3 Station		1130	230	410	270	145	870	310
3F Foam		1230	230	410	270	145	985	310
4 Station		1220	230	430	270	145	960	310
4F Foam		1320	230	430	270	145	1070	310

*sizes in cm

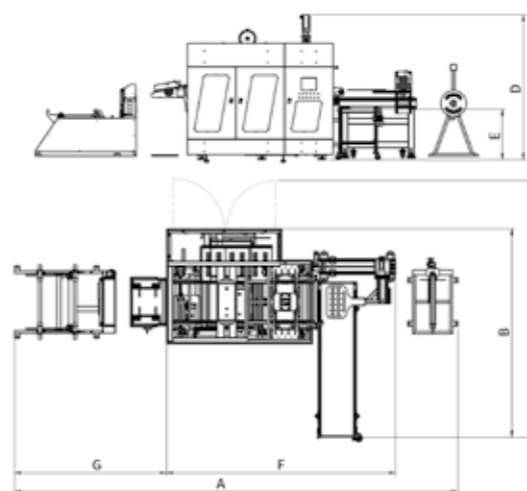




ER 70-C

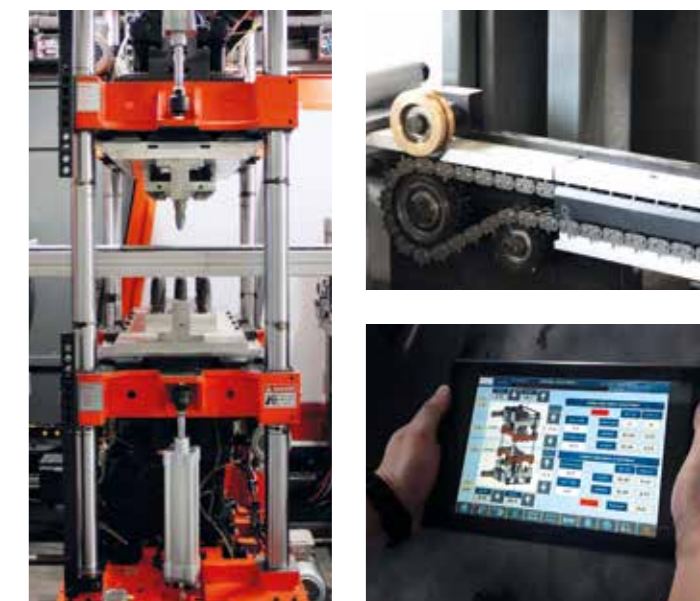
Technical Specification

MODELS	ER 70-C	
FUNCTION	Form-Cut-Stack	
Max. Mould Size	700 x 450 mm	
Forming Mould Height	Upper	196 - 234 mm
	Lower	170 - 270 mm
Forming, Cutting Area	350 x 650 mm	
Sheet Width	750 mm Max.	
Sheet Thickness	0,1 - 1,8 mm Max.	
Sheet Unwinder Reel	1200 mm Max.	
Maximum Sheet Roll Weight	1500 kg	
Max. Product Height	160 mm	
Max. Dry Cycles	30 cycles/min.	
Running Power	25-35 kW	
Total Installed Power	130 kW	
Required Compressor	5-6 m ³ /min.	
Required Chiller	30.000 Kcal/h.	
Operation Pressure	6-8 bar	
Forming Closing Force	55000 daN	
Pitch Accuracy	0,15 mm	
Lubrication System	Automatic machine and chain lubrication	
Approximate Machine Weight (ton)	8 t.	



ER70 C	A	B	C	D	E	F	G
	880	410	500	285	110	450	300

*sizes in cm



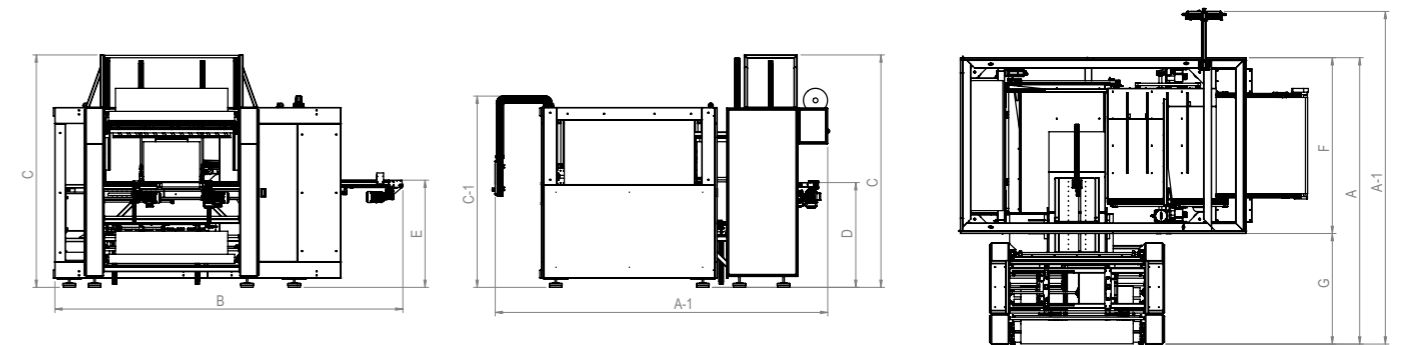


AUTOMATIC PACKAGING



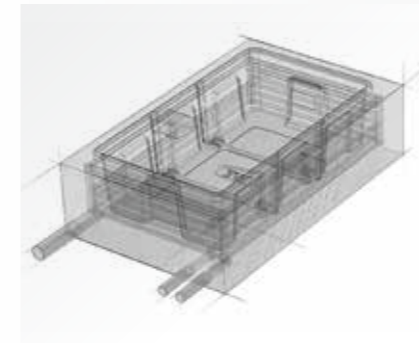
Technical Specification

MODELS	PACKAGING
FUNCTION	Form-Cut-Stack
Maximum Stacked Product Height	1000mm
Stacked Product Width	300mm
Packaging Nylon Thickness	Min-25 / Max-50 Micron
Packaging Nylon Width	Max- 1200 mm
Total Installed Power	15 kW
Operation Pressure	6-8 bar
Machine Weight (ton)	3,5 t.



PACKAGING	A	A1	B	C	C1	D	E	F	G
	360	415	434	290	240	130,5	133,5	219	140

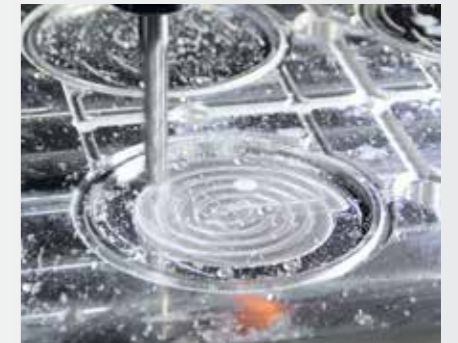
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> **Conceptual design**



> **Sampling**

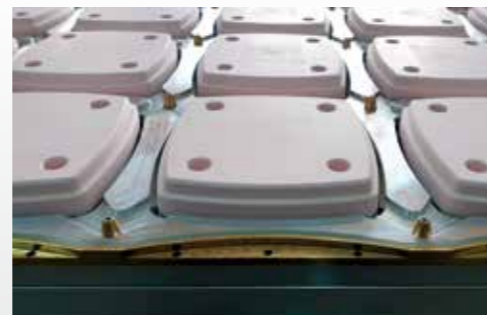
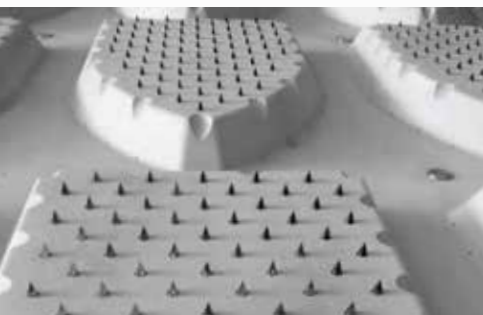


> **Tool Supply**

We provide complete tooling for thermoforming applications

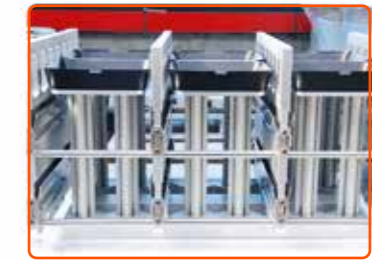
As of today's growing competency, unique designs and usability are essential elements of successful product launch. From concept, to production, Erkur Design Studio is your solution partner. We provide complete tooling for thermoforming applications.

Through our vast experience, optimum mold layout, tool cooling, forming air and vacuum systems are designed as per best practice. Materials used are of highest quality standards for life time setup. Testing, delivery and installation at sight are provided.

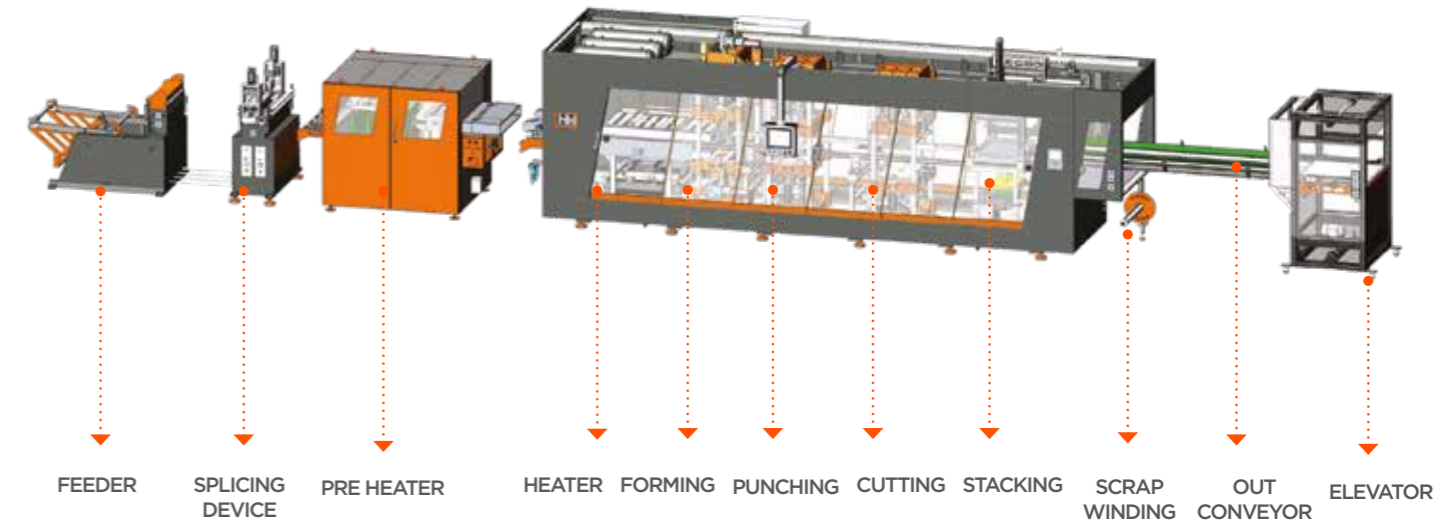
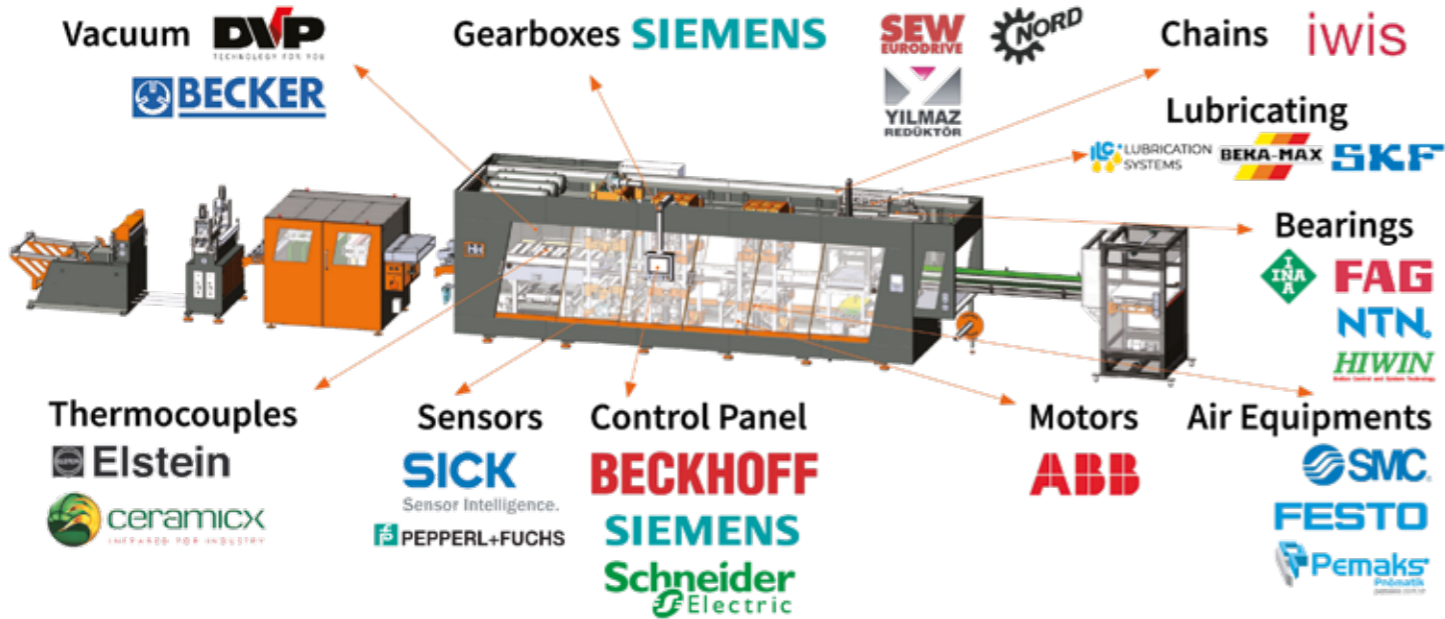


ERKUR DESIGN STUDIO

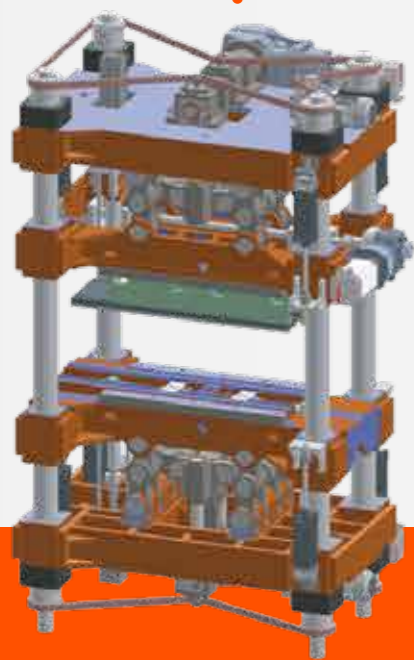
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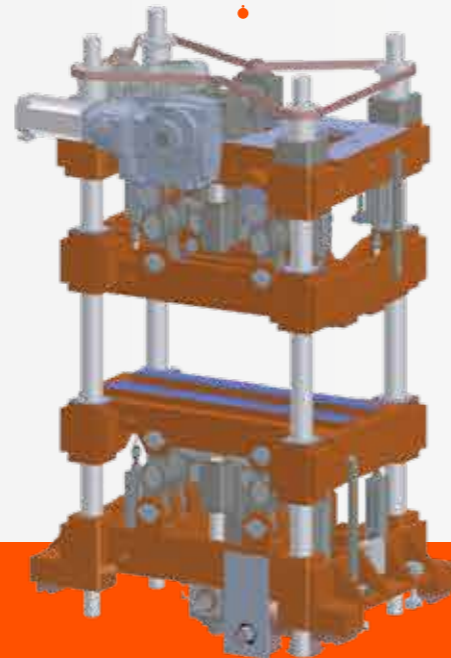
Thermoforming Machines Structure



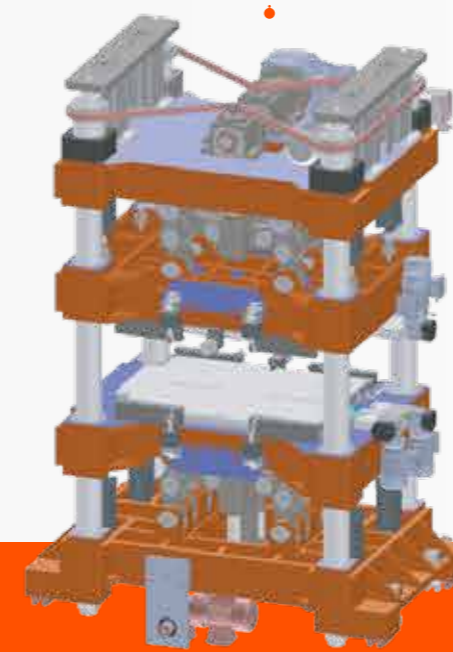
FORMING



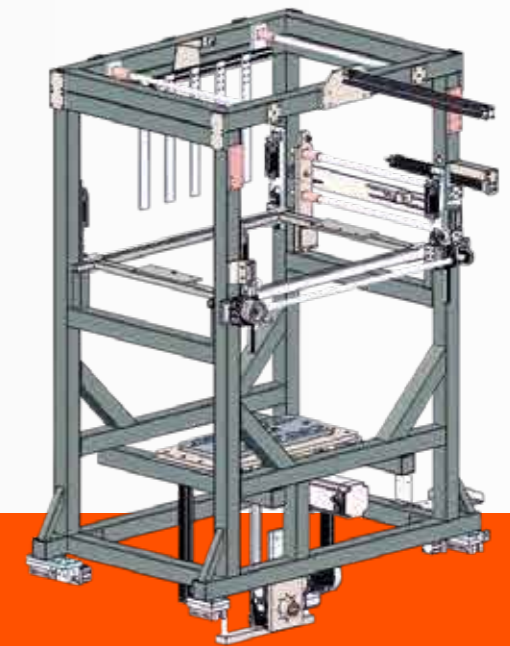
PUNCHING



CUTTING



STACKING



THERMOFORMING MACHINES



THERMOFORMING MOLDS



OVERHEAD CONVEYOR SYSTEMS & CHAIN

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Final Product Design and Mold Manufacturing



Factory 1

Karaağaç Mah. Batu Sok. No:9/1
Hadımköy - Büyükçekmece - İSTANBUL

Factory 2

Avrupa San. Sit. B Blok No:6
Kapaklı - Çerkezköy - TEKİRDAĞ

Factory 3

Canbazlarköyü Mah. Kanal Sok.
Kapı: 10 İç Kapı No:1 Gürsu - BURSA



erkurmakine1



erkurmakine1



erkurmakine



erkurmakine



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