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FINAL PRODUCT **DESIGN AND MOLD** MANUFACTURING
















THERMOFORMING MACHINES

THERMOFORMING MOLDS

OVERHEAD CONVEYOR SYSTEMS & CHAIN

THERMOFORMING MACHINES

THERMOFORMING MOLDS

OVERHEAD CONVEYOR SYSTEMS & CHAIN

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
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+90 532 791 84 24
+90 212 655 00 72

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SUDE AJANS - 2026/09 © 0212 612 09 48

FOR OUR EFFECTIVE SOLUTIONS, DIRECTLY CONTACT US

info@erkur.com
www.erkur.com

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THERMOFORMING MACHINES & MOLDS

ER 70-C



ER 70-XL
ER 80
ER 90
ER 100



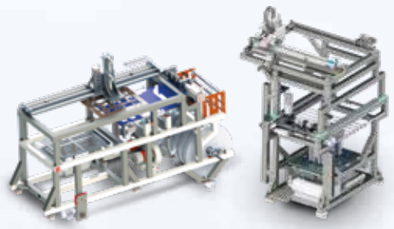
ER 130
TRIM PRESS



AUTOMATIC
PACKAGING



INLINE
SOLUTIONS



THERMOFORMING
MOLDS



THERMOFORMING IS OUR PASSION...

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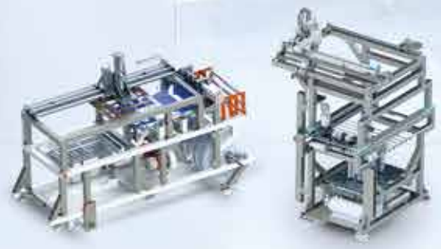
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OVERVIEW *ER-SERIES*



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THERMOFORMING MOLDS

OVERHEAD CONVEYOR SYSTEMS & CHAIN

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ER 130 TRIM PRESS



PACKAGING SOLUTIONS



TECHNICAL SPECIFICATION

ER 130 TRIM PRESS

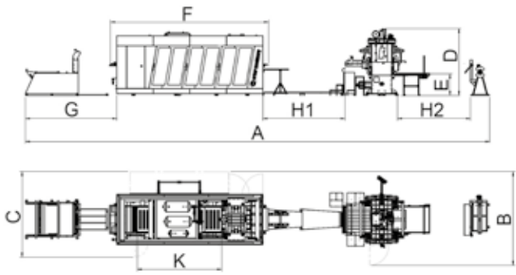
FORMING	MODELS - FUNCTION	FORM - CUT & STACK FORM - PUNCH & CUT & STACK
	Forming Mould Size	1200 x 1300 mm - 47,24 x 51,2 inches
	Cut&Stack Mould Size	1400 x 720 mm - 55,2 x 28,34 inches
	Forming Area	1150 x 1250 mm - 45,27 x 49,2 inches
	Sheet Width	1240 mm - 48,82 inches
	Sheet Thickness	0,1 - 2 mm for Plastics / 1,0 - 5 mm for PS Foam 0,004 – 0,078 inches for Plastics 0,04 – 0,2 inches for PS Foam
MATERIAL	Maximum Sheet Roll Weight	1500 kg – 3307 lbs
	Maximum Bobbin Diameter	1600 mm – 63 inches
	Max. Product Height	Positive 100 mm / Negative 100 mm Positive 3,93 inches / Negative 3,93 inches
	Max. Dry Cycles of Forming	45 cycles/min.
	Max. Dry Cycles of Trim	120 cycles/min.
PERFORMANCE	Total Installed Power	230-240 kW
	Running Power	45-65 kW
UTILITIES	Vacuum	200 m^3/min. – 7063 ft^3/min
	Required Compressor	6-8 m^3/min. – 212-283 ft^3/min
	Required Chiller	50.000 Kcal/h
	Operation Pressure	6-8 bar
MECHANICAL	Forming Closing Force	75.000 daN
	Cutting Closing Force	120.000 daN
	Lubrication System	Automatic machine and chain lubrication
	Approximate Machine Weight	28.500 kg – 62832 lbs





Punching & Cutting can be done at the same station

Serrated knife system for foam, match metal cutting tool for rigit plastics



ER 130 TRIM PRESS	A	B	C	D	E	F	G	H1	H2	K
	2124	440	400	315	100	740	430	385	290	395 (HEATER)

*sizes in cm

ER 130 TRIM PRESS	A	B	C	D	E	F	G	H1	H2	K
	836,2	173,3	173,3	124	39,4	291,34	169,3	151,6	114,2	155,5 (HEATER)

*sizes in inches

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ER 130-S



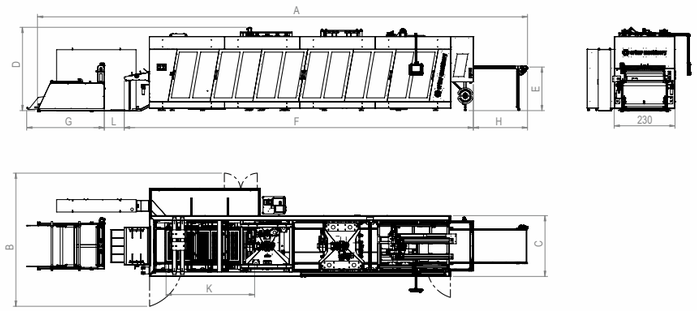
PACKAGING SOLUTIONS



TECHNICAL SPECIFICATION

	ER 130S
FORMING	
MODELS - FUNCTION	FORM-CUT-STACK
Forming Mould Size	1200 x 1300 mm - 47,24 x 51,2 inches
Forming, Cutting Area	1150 x 1250 mm - 45,27 x 49,2 inches
Sheet Width	1240 mm max - 48,82 inches max
Sheet Thickness	0,1 - 2 mm for plastics / 1,0 - 5 mm for PS foam
	0,004 – 0,078 inches for Plastics 0,04 – 0,2 inches for PS Foam
MATERIAL	
Maximum Sheet Roll Weight	1500 kg – 3307 lbs
Maximum Bobbin Diameter	1600 mm - 63 inches
Max. Product Height	Positive 130 mm / Negative 130 mm
	Positive 5,12 inches / Negative 5,12 inches
PERFORMANCE	
Max. Dry Cycles	45 cycles/min,
Total Installed Power	230-240 kW
UTILITIES	
Vacuum	200 m^3/min – 7063 ft^3/min
Required Compressor	6-8 m^3/min – 212-283 ft^3/min
Required Chiller	50.000 Kcal/h
Operation Pressure	6-8 bar
MECHANICAL	
Forming Closing Force	90.000 daN
Cutting Closing Force	90.000 daN
Lubrication System	Automatic machine and chain lubrication
Approximate Machine Weight	25.000 kg – 55116 lbs





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 130S	A	B	C	D	E	F	G	H	L	K
	728,4	198	90,55	123,62	64,57	518,9	115,35	80,71	29,53	131,5 (HEATER)

*sizes in inches

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ER 100

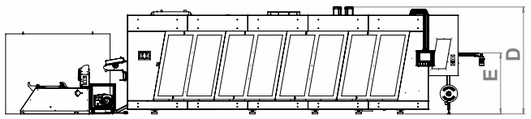


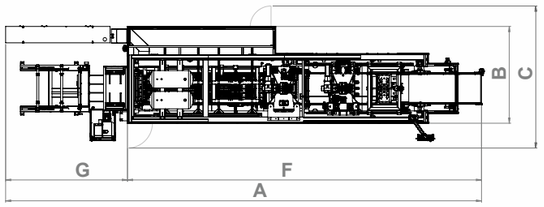
PACKAGING SOLUTIONS



TECHNICAL SPECIFICATION

		ER 100-3	ER 100-4
FORMING	MODELS - FUNCTION	FORM-CUT-STACK	FORM-PUNCH-CUT-STACK
	Forming Mould Size	1020 x 720 mm - 40,16 x 28,34 inches	
	Forming, Cutting Area	970 x 670 mm - 38,19 x 26,38 inches	
	Sheet Width	1060 mm max - 41,73 inches max	
	Sheet Thickness	0,1 - 2 mm max / 0,004 – 0,078 inches max	
MATERIAL	Maximum Sheet Roll Weight	1500 kg – 3307 lbs	
	Maximum Sheet Roll Diameter	1300 mm - 51 inches	
	Maximum Sheet Roll Diameter	Positive 150 mm / Negative 150 mm	
		Positive 5,90 inches / Negative 5,90 inches	
PERFORMANCE	Max. Dry Cycles	75 cycles/min.	
	Total Installed Power	230 kW	
	Running Power	60-70 kW	
UTILITIES	Vacuum	200 m³/min – 7063 ft³/min	
	Required Compressor	6-8 m³/min – 212-283 ft³/min	
	Required Chiller	40.000 Kcal/h.	
	Operation Pressure	6-8 bar	
MECHANICAL	Forming Closing Force	90.000 daN	
	Punching Closing Force	90.000 daN	
	Cutting Closing Force	90.000 daN	
	Lubrication System	Automatic machine and chain lubrication	
	Approximate Machine Weight	3 station - 24000 kg - 52911 lbs 4 station - 31000 kg - 68343 lbs	





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

*sizes in cm

		A	B	C	D	E	F	G
ER100	3 Station	535,5	121	187	122,1	69	398	138
	4 Station	604,5	121	187	122,1	69	462,6	138

*sizes in inches







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ER 90



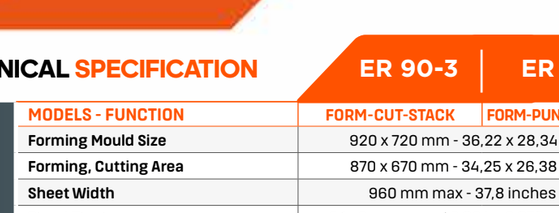
PACKAGING SOLUTIONS



TECHNICAL SPECIFICATION

		ER 90-3	ER 90-4
FORMING	MODELS - FUNCTION	FORM-CUT-STACK	FORM-PUNCH-CUT-STACK
	Forming Mould Size	920 x 720 mm - 36,22 x 28,34 inches	
	Forming, Cutting Area	870 x 670 mm - 34,25 x 26,38 inches	
	Sheet Width	960 mm max - 37,8 inches max	
	Sheet Thickness	0,1 - 2 mm max / 0,004 – 0,078 inches max	
MATERIAL	Maximum Sheet Roll Weight	1500 kg – 3307 lbs	
	Maximum Sheet Roll Diameter	1300 mm - 51 inches	
	Max. Product Height	Positive 150 mm / Negative 150 mm	
		Positive 5,90 inches / Negative 5,90 inches	
PERFORMANCE	Max. Dry Cycles	75 cycles/min.	
	Total Installed Power	225 kW / Extended oven (foam) 310 kw	
	Running Power	55-65 kW	
UTILITIES	Vacuum	200 m³/min – 7063 ft³/min	
	Required Compressor	6-8 m³/min – 212-283 ft³/min	
	Required Chiller	40.000 Kcal/h.	
	Operation Pressure	6-8 bar	
MECHANICAL	Forming Closing Force	90.000 daN	
	Punching Closing Force	90.000 daN	
	Cutting Closing Force	90.000 daN	
	Lubrication System	Automatic machine and chain lubrication	
	Approximate Machine Weight	3 station - 21000 kg - 46297 lbs 4 station - 28000 kg - 61730 lbs	





		A	B	C	D	E	F	G
ER90	3 Station	1360	305	475	310	175	1010	350
	3F (extended oven)	1490	305	475	310	175	1140	350
	4 Station	1535	305	475	310	175	1175	350
	4F (extended oven)	1650	305	475	310	175	1300	350

*sizes in cm

		A	B	C	D	E	F	G
ER90	3 Station	535,5	120,1	187	122,1	68,9	397,6	137,8
	3F (extended oven)	586,6	120,1	187	122,1	68,9	409,5	137,8
	4 Station	604,3	120,1	187	122,1	68,9	462,6	137,8
	4F (extended oven)	649,6	120,1	187	122,1	68,9	512	137,8

*sizes in inches







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ER 80



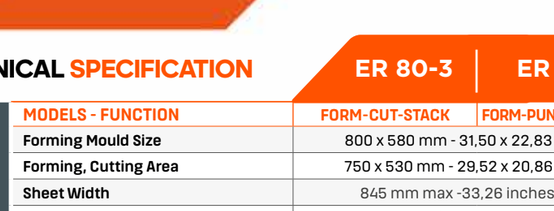
PACKAGING SOLUTIONS



TECHNICAL SPECIFICATION

		ER 80-3	ER 80-4
FORMING	MODELS - FUNCTION	FORM-CUT-STACK	FORM-PUNCH-CUT-STACK
	Forming Mould Size	800 x 580 mm - 31,50 x 22,83 inches	
	Forming, Cutting Area	750 x 530 mm - 29,52 x 20,86 inches	
	Sheet Width	845 mm max -33,26 inches max	
	Sheet Thickness	0,1 - 2 mm max / 0,004 – 0,078 inches max	
MATERIAL	Maximum Sheet Roll Weight	1500 kg – 3307 lbs	
	Maximum Sheet Roll Diameter	1200 mm - 47,25 inches	
	Max. Product Height	Positive 130 mm / Negative 130 mm	
		Positive 5,12 inches / Negative 5,12 inches	
PERFORMANCE	Max. Dry Cycles	75 cycles/min.	
	Total Installed Power	170 kW / Extended oven (foam) 270 kw	
	Running Power	40-50 kW	
UTILITIES	Vacuum	200 m³/min – 7063 ft³/min	
	Required Compressor	6-8 m³/min – 212-283 ft³/min	
	Required Chiller	40.000 Kcal/h.	
	Operation Pressure	6-8 bar	
MECHANICAL	Forming Closing Force	80.000 daN	
	Punching Closing Force	80.000 daN	
	Cutting Closing Force	80.000 daN	
	Lubrication System	Automatic machine and chain lubrication	
	Approximate Machine Weight	3 station - 18000 kg - 39683 lbs 4 station - 23000 kg - 50706 lbs	





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

*sizes in cm

		A	B	C	D	E	F	G
ER80	3 Station	490,2	110,2	177,2	118,1	65	352,4	137,8
	3F (extended oven)	531,5	110,2	177,2	118,1	65	399,6	137,8
	4 Station	539,4	110,2	177,2	118,1	65	429,1	137,8
	4F (extended oven)	616,2	110,2	177,2	118,1	65	478,3	137,8

*sizes in inches







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ER 70-XL

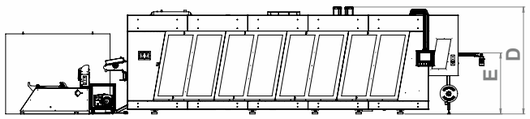


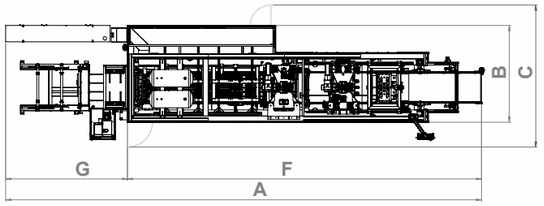
PACKAGING SOLUTIONS



TECHNICAL SPECIFICATION

		ER 70-3 XL	ER 70-4 XL
FORMING	MODELS - FUNCTION	FORM-CUT-STACK	FORM-PUNCH-CUT-STACK
	Forming Mould Size	700 x 585 mm - 27,56 x 23 inches	
	Forming, Cutting Area	650 x 535 mm - 25,6 x 21 inches	
	Sheet Width	740 mm max -29,13 inches max	
	Sheet Thickness	0,1 - 2 mm max / 0,004 – 0,078 inches max	
MATERIAL	Maximum Sheet Roll Weight	1500 kg – 3307 lbs	
	Maximum Sheet Roll Diameter	1200 mm - 47,25 inches	
	Max. Product Height	Positive 100 mm / Negative 100 mm	
		Positive 3,93 inches / Negative 3,93 inches	
PERFORMANCE	Max. Dry Cycles	75 cycles/min	
	Total Installed Power	150 kW / Extended oven (foam) 210 kw	
	Running Power	30-40 kW	
UTILITIES	Vacuum	105 m3/min – 3708 ft3/min	
	Required Compressor	5-6 m3/min – 176-212 ft3/min	
	Required Chiller	30.000 Kcal/h.	
	Operation Pressure	6-8 bar	
MECHANICAL	Forming Closing Force	70.000 daN	
	Punching Closing Force	70.000 daN	
	Cutting Closing Force	70.000 daN	
	Lubrication System	Automatic machine and chain lubrication	
	Approximate Machine Weight	3 station - 12000 kg - 26455 lbs 4 station - 16000 kg - 35274 lbs	





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

*sizes in cm

		A	B	C	D	E	F	G
ER70 XL	3 Station	444,88	90,55	161,4	106,3	57,1	342,52	122,1
	3F (extended oven)	484,25	90,55	161,4	106,3	57,1	387,8	122,1
	4 Station	480,3	90,55	169,3	106,3	57,1	377,95	122,1
	4F (extended oven)	519,7	90,55	169,3	106,3	57,1	421,26	122,1

*sizes in inches







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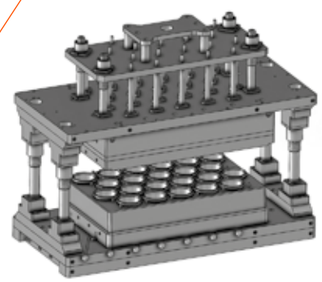
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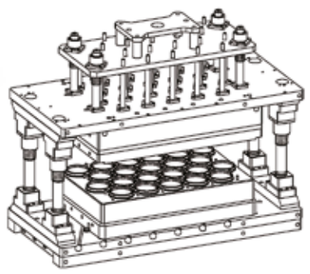
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ER 70-C



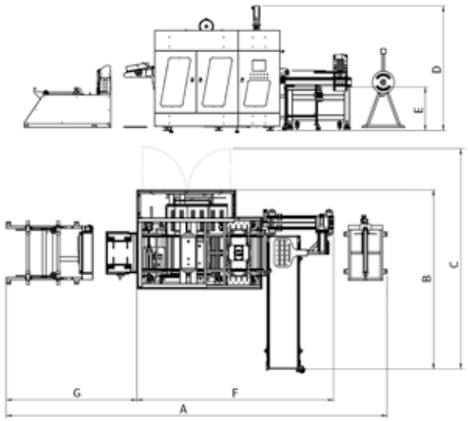
PACKAGING SOLUTIONS





TECHNICAL SPECIFICATION

		ER 70-C
FORMING	MODELS - FUNCTION	FORM-CUT-STACK
	Max. Mould Size	700 x 450 mm - 27,56 x 17,7 inches
	Forming Mould Height – Upper	231 mm fix, - 9,1 inches
	Forming Mould Height – Lower	170 - 270 mm ; 6,69 x 10,62 inches
	Forming, Cutting Area	650 x 400 mm - 25,59 x 15,75 inches
	Sheet Width	750 mm max - 29,53 inches
	Sheet Thickness	0,1 - 1,8 mm max - 0,004 - 0,071 inches max
	Sheet Unwinder Reel	1200 mm max - 47,25 inches max
MATERIAL	Maximum Sheet Roll Weight	1500 kg - 3307 lbs
	Max. Product Height	160 mm - 6,3 inches
	Max. Dry Cycles	30 cycles/min
PERFORMANCE	Running Power	25-35 kW
	Total Installed Power	130 kW
UTILITIES	Required Compressor	5-6 m³/min – 176-212 ft³/min
	Required Chiller	30.000 Kcal/h
	Operation Pressure	6-8 bar
MECHANICAL	Forming Closing Force	55.000 daN
	Lubrication System	Automatic machine and chain lubrication
	Approximate Machine Weight	8000 kg - 17637 lbs



ER 70C	A	B	C	D	E	F	G
	880	410	500	285	110	450	300

*sizes in cm

ER 70C	A	B	C	D	E	F	G
	315	161,5	196,85	112,2	43,3	177,16	118,11

*sizes in inches







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AUTOMATIC PACKAGING



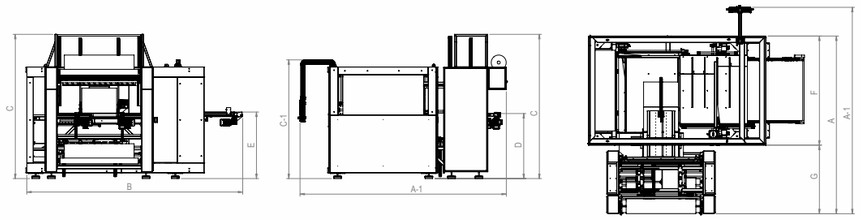
TECHNICAL SPECIFICATION — AUTOMATIC PACKAGING

MODELS	PACKAGING
Maximum Stacked Product Height	1000mm - 39,37 inches
Stacked Product Width	300mm - 11,81 inches
Packaging Nylon Thickness	Min-25 / Max-50 Micron - 0,001 - 0,002 inches
Packaging Nylon Width	Max-1200 mm - 47.24 inches
Total Installed Power	15 kW
Operation Pressure	6-8 bar
Machine Weight	3500 kg - 7717 lbs









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

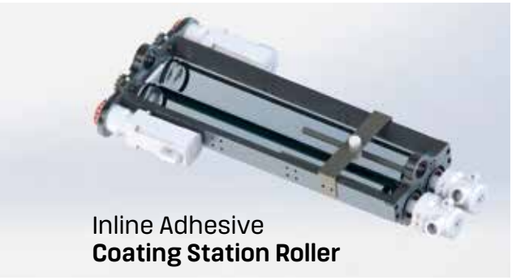
*sizes in cm

PACKAGING	A	A1	B	C	C1	D	E	F	G
	14,17	16,39	17,1	11,42	9,45	5,14	5,25	8,62	5,51

*sizes in inches

INLINE SOLUTIONS





Inline Adhesive
Coating Station Roller



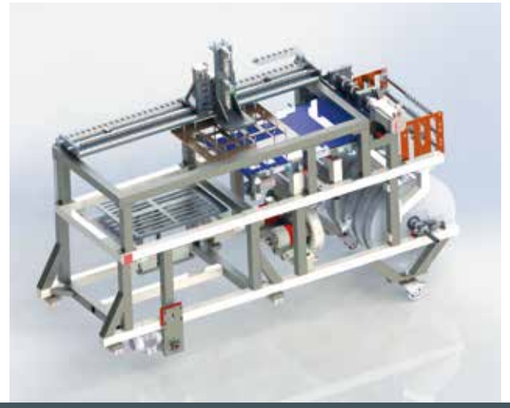
IN-LINE ADHESIVE COATING STATION

Designed as a fully integrated module for our thermoforming machines, the Adhesive Coating Station automatically applies a precise layer of adhesive to the container flanges. Operating in perfect sync with our thermoforming machine, it ensures a stronger, leak proof seal for lidding films. This automated station maximizes seal integrity and packaging reliability.



IN-LINE PADDING STATION

Developed seamlessly for our thermoforming machines, the integrated Inline Padding System automatically places liquid-absorbent pads into containers right after the forming station. It provides full automation, reduces operational costs, and ensures untouched hygiene for fresh fruit, meat, and poultry packaging.



ERKUR DESIGN STUDIO

WE PROVIDE COMPLETE

TOOLING FOR THERMOFORMING APPLICATIONS

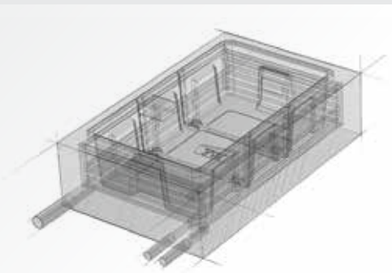
As of today's growing competency, unique designs and usability are essential elements of successful product launch. From concept, to production, Erkur Design Studio is your solution partner. We provide complete tooling for thermoforming applications.

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.





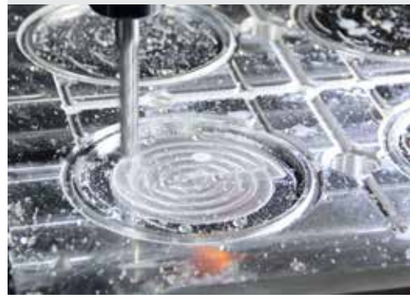
01
CONCEPTUAL DESIGN



02
SAMPLING



03
TOOL SUPPLY







THERMOFORMING IS OUR PASSION...

Türkiye
Gücünü ve
Potansiyelini Keşfet



























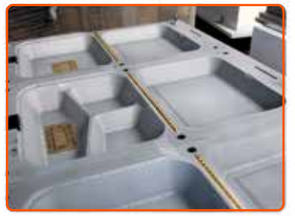


















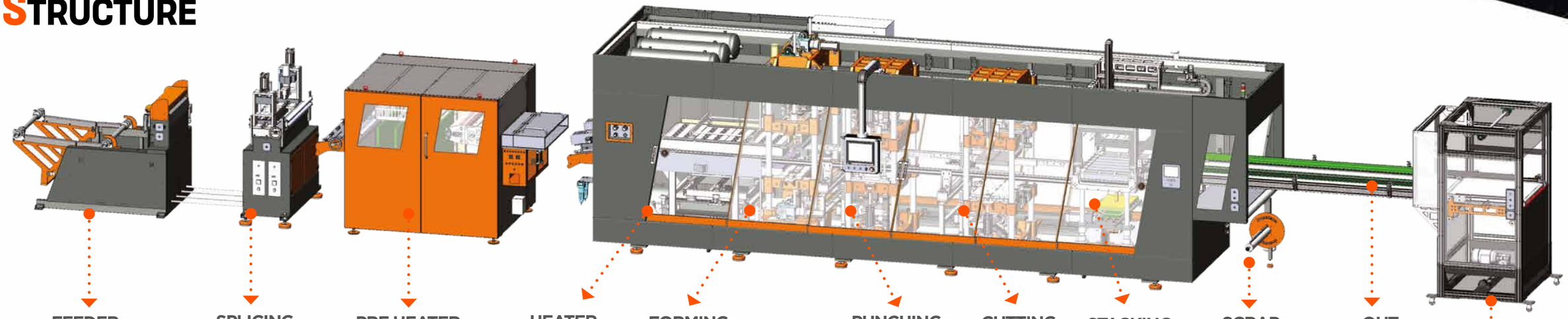


erkurmakine
THERMOFORMING MACHINES & MOLDS

Türkiye
Gücünü ve
Potansiyelini Keşfet

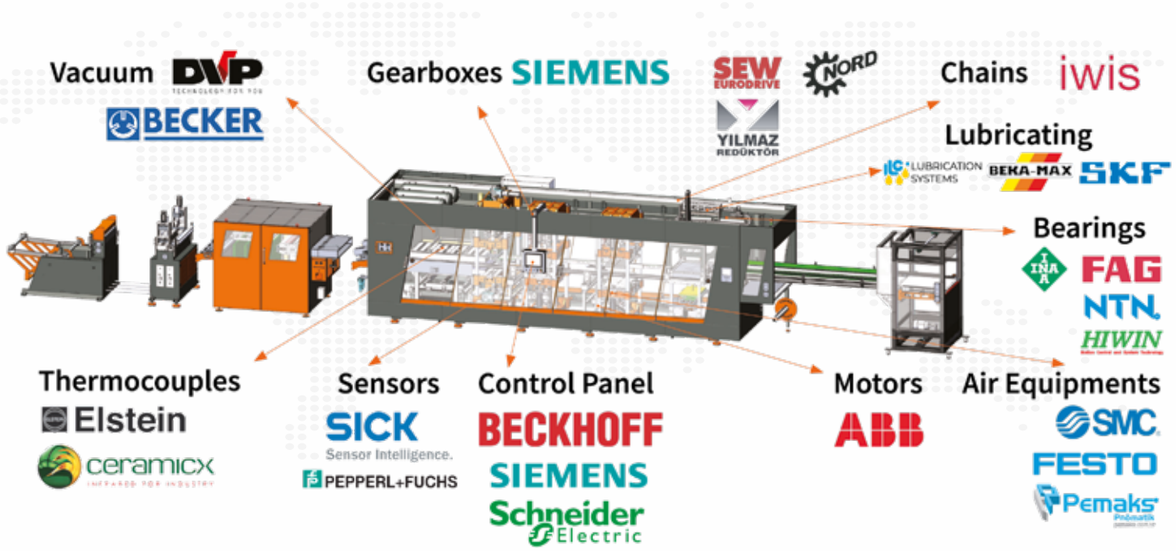


THERMOFORMING MACHINES STRUCTURE



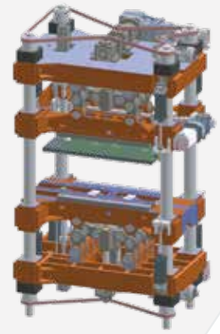
WORLD BRANDS

WE OFFER WORLD QUALITY
IN OUR MACHINES.

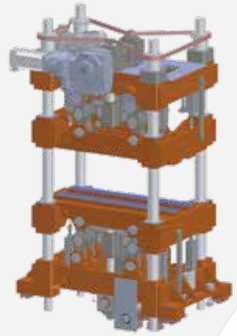


ENGINEERED MODULES.
MAXIMUM PRECISION

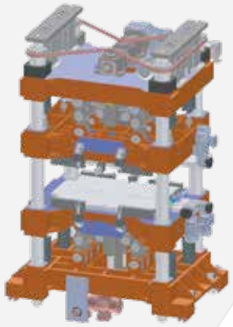
01 FORMING



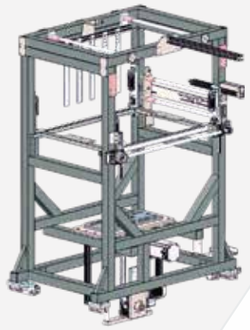
02 PUNCHING



03 CUTTING



04 STACKING



THERMOFORMING MACHINES

THERMOFORMING MOLDS

OVERHEAD CONVEYOR SYSTEMS & CHAIN

NOTES

Equipped With

The Latest Technology

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