



THERMO- FORMING MACHINES

AI Powered Thermoforming Machines
Manufacturer | Smart Packaging
Machinery.

CAG MACHINERY
WITH SINCE 1995



At CAG Machinery, we bridge the gap between decades of engineering heritage and the future of industrial intelligence. Since 1995, we have been a trusted partner in the global packaging industry, specializing in high-performance thermoforming infrastructure.

With over 300 active installations across 5 continents, our machinery is engineered for precision, durability, and operational speed. Today, we are redefining production standards by integrating Think-Simple AI into our hardware—enabling predictive maintenance, remote diagnostics, and optimized energy consumption for modern manufacturing plants.

Our Specialized Solutions:

Multi-Station Thermoforming: High-speed, servo-driven lines.

Smart Tilting & Single Station Units: Precision engineering for diverse packaging needs.

Integrated Infrastructure: Pre-heaters, stackers, and custom molds designed for seamless workflow.

AI-Powered Machines: Real-time diagnostics and data-driven efficiency. AI replaces your workload.

We empower manufacturers in over 30 countries to scale their production with reliable, smart, and cost-effective technology.

Legacy in Engineering. Future in AI.



AI-Powered Smart Machinery

Çağ Makina Kalıp Plastik Ambalaj Sanayi ve Ticaret Ltd. Şti. is introducing a new generation of thermoforming and plastic packaging machinery.

By combining advanced mechanical engineering with artificial intelligence technologies, our machines deliver smarter, faster and more reliable production.

Our new systems are integrated with the Think-Simple AiA AI platform, providing operators and technical teams with 24/7 intelligent assistance.

This integration transforms traditional machines into intelligent production systems capable of assisting operators and solving problems in real time.

AI-Powered Technical Assistance

With the integration of Think-Simple AiA, our machines go beyond automation.

The AI system analyzes:

- Machine manuals
- Service records
- Alarm codes
- Operational documentation

and provides step-by-step troubleshooting guidance to operators.

24/7 Intelligent Support

- Operators can diagnose machine issues instantly
- Technical problems are resolved within minutes
- Production downtime is minimized
- Service waiting times are eliminated





AI-POWERED SMART MACHINERY

Think Simple. Run Smart.



THERMOFORMING MULTI STATIONS MACHINES



CM80-S4/S3 AI-POWERED
CM85-S4/S3 AI-POWERED
CM100-S4/S3 AI-POWERED

CM70-45 AI-POWERED
CM75-50 AI-POWERED
CM80-60 AI-POWERED

CM 73-100 AI-POWERED
CM 73-30 AI-POWERED



SDM
SPM
ISM
ORDM

Available range

Thermoforming Machines

	CM80-S4	CM80-S3	CM85-S4	CM85-S3	CM100-S4	CM100-S3
Max Mould Area / Max. Kalıp Alanı	850x550 mm		890x590 mm		1000x700 mm	
Max Forming Area / Max.Şekilleme Alanı	800x500 mm		850x550 mm		950x650 mm	
Dry Cycle / Maksimum Kapasitesi	65 Cycle		60 Cycle		55 Cycle	
Servo Motor	5,5 kW (SIEMENS)		5.5 kW (SEW)		7.5 kW (SEW)	
Max Sheet Thickness/Max Levha Kalınlığı	0,20 mm - 1,5 mm					
Max. Sheet Width/Max Levha Geniřliđi	900 mm		950 mm		1050 mm	
Raw Meterial/Kullanılan Hammaddeler	PP-PET-PS-OPS-PLA-CPET-PVC					
Total Heater Power/Toplam Isıtma Gücü	140 kW		149 kW		197 kW	
Total Energy Consumption/Toplam Enerji Tüketimi	60-70 kW				70-80 kW	
Total Installed Energy/Toplam Kurulu Enerji	191 kW	181 kW	217 kW	206 kW	250 kW	235 kW
Screen/Ekran	15" Touch Screen - SIEMENS		15" Touch Screen - BEIJER			
Sheet Coil Lift/Levha Bobin Kaldırma	Ø1200 Mm / 1200 Kg					
Dimensions/Ölçüler L x W x H (mm)	11000 X 3500 X 2800	10000 X 3500 X 2800	11000 X 3500 X 2800	10000 X 3500 X 2800	13000 X 3500 X 2800	11000 X 3500 X 2800
Total Weight/Toplam Ađırlık	10000 kg	9000 kg	13000 kg	12000 kg	14000 kg	13000 kg

CM80-S4

CM80-S3

CM85-S4

CM85-S3

CM100-S4

CM100-S3

FORMING STATION/ŞEKİLLEME İSTASYONU

Upper and Lower Forming Height/Üst ve Alt Şekilleme Yüksekliği

130 mm

150 mm

Forming Upper Fine Adjustment/Şekilleme Üst Hassas Ayar

100 mm

Glamping Force / Sıkıştırma Gücü

600 kN

700 kN

PUNCHING STATION/DELME İSTASYONU

Punching Station Stroke/Delme İstasyonu Strok

130 mm

150 mm

Glamping Force / Sıkıştırma Gücü

600 kN

700 kN

Deburring Engine/Çapak Temizleme Motoru

1,5 kW

1,5 kW

1,5 kW

CUTTING STATION/KESME İSTASYONU

Cutting Station Stroke/Kesme İstasyonu Strok

130 mm

150 mm

Glamping Force / Sıkıştırma Gücü

600 kN

700 kN

X-Y Blade Cutting Adjustment / Motor X-Y Bıçak Kesme Ayar

0,24 kW

STACKING STATION/DİZME İSTASYONU

Conveyor Stroke / Konveyör Strok

900 x 1200 mm

1000 x 1200 mm

1100 x 1200 mm

REQUIREMENTS/GEREKİNİMLER

Required Chiller/Gerekli Soğutucu

40.000 Kcal/h

40.000 Kcal/h

50.000 Kcal/h

Required Compressor/Gerekli Kompresör

8 m³/min

Vacuum/Vakum

200 m³/min

Operation Pressure / Basınç

6-8 bar

Thermoforming Tilting Machines



Available range

Thermoforming Machines

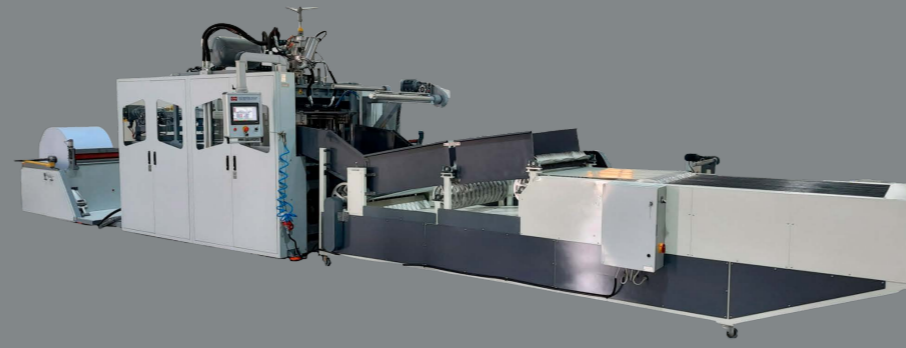
	CM70-45	CM 75-50	CM80-60
Max Mould Area / Max. Kalıp Alanı	950x520 mm	1000x520 mm	1050x620 mm
Max Forming Area / Max.Şekilleme Alanı	700x450 mm	750x500 mm	800x600 mm
Dry Cycle / Maksimum Kapasitesi	45 Cycle	40 Cycle	
Glamping Force / Sıkıştırma Gücü	400 kN	500 kN	600 kN
Max. Positive Depth/Maksimum Pozitif Derinlik	10 mm		20 mm
Max. Negative Depth/Maksimum Negatif Derinlik	150 mm	180 mm	
Raw Meterial/Kullanılan Hammaddeler	PP-PET-PS-OPS-PLA-CPET-PVC		
Total Energy Consumption/Toplam Enerji Tüketimi	50-60 kW		60-70 kW
Total Installed Energy/Toplam Kurulu Enerji	250 kW	270 kW	280 kW
Operation Pressure / Basınç	8 Bar		
Heaters / Isıtıcılar	Ceramix		
Servo Motor	SEW		
Lubrication / Yağlama	Lubrimac		
Pneumatic/Pnömatik	SMC		

Thermoforming Single Station Machines



Available range

Thermoforming Machines



M73-100

M73-30

Max Mould Area/Max. Kalıp Alanı	830x350 mm	830x350 mm
Max Forming Area/Max.Şekilleme Alanı	730x350 mm	700x300 mm
Dry Cycle/Maksimum Kapasitesi	35 Cycle	30 Cycle
Motor	5,5 kW Inverter Motor	
Maximum Levha Kalınlığı /Max Sheet Thickness	1,5 mm	1,2 mm
Max. Negative Depth/Maksimum Negatif Derinlik	110 mm (Optional 150 mm)	25 mm
Raw Meterial/Kullanılan Hammaddeler	PP-PET-PS-OPS-PLA-CPET-PVC	
Total Energy Consumption/Toplam Enerji Tüketimi	35 - 40 kW	35-40 kW
Total Installed Energy/Toplam Kurulu Enerji	70 kW	65 kW
Operation Pressure / Basınç	8 Bar	
Heaters / Isıtıcılar	Ceramix	
Dimensions/Ölçüler L x W x H	4000 X 2150 X 2300 mm.	3950 X 2100 X 2250 mm.
Lubrication / Yağlama	Lubrimac	
Pneumatic/Pnömatik	SMC	



ORDM (Stacker Machine)

Main Motor / Ana Motor	0,75 kw Sürücülü/Inverter
Titreşim Motor / Vibration Motor	0,55 kw Sürücülü/Inverter
Boyutlar / Dimensions	5000 x 1500 x 1350 mm
Kapasite / Capacity	Ø71 mm Cup - 1100 Adet/Pcs
Makine Ağırlığı / Machine Weight	720 Kg
Dizici Kanal Sayısı / Stacker Number of Channels	13 Pcs



SDM (Stacker Machine)

Main Motor / Ana Motor	2,2 kW Servo Motor (OMRON)
İtici Grubu Motoru / Elevator Motor	0,75 kW Servo (OMRON)
Palet Sayısı / Pallet Piece	30 Adet / Pcs
Makine Devri / Machine Speed	50 Cycle / Min - Max
Boyutlar / Dimensions (L - W - H)	3000 x 1500 x 1400 mm
Makine Ağırlığı / Machine Weight	900 Kg
Statik Ünitesi / Static Unit (Optional)	OPTIONAL
Dizme Kapasitesi / Capacity	Ø71 mm Cup - 600/650 Adet/Pcs



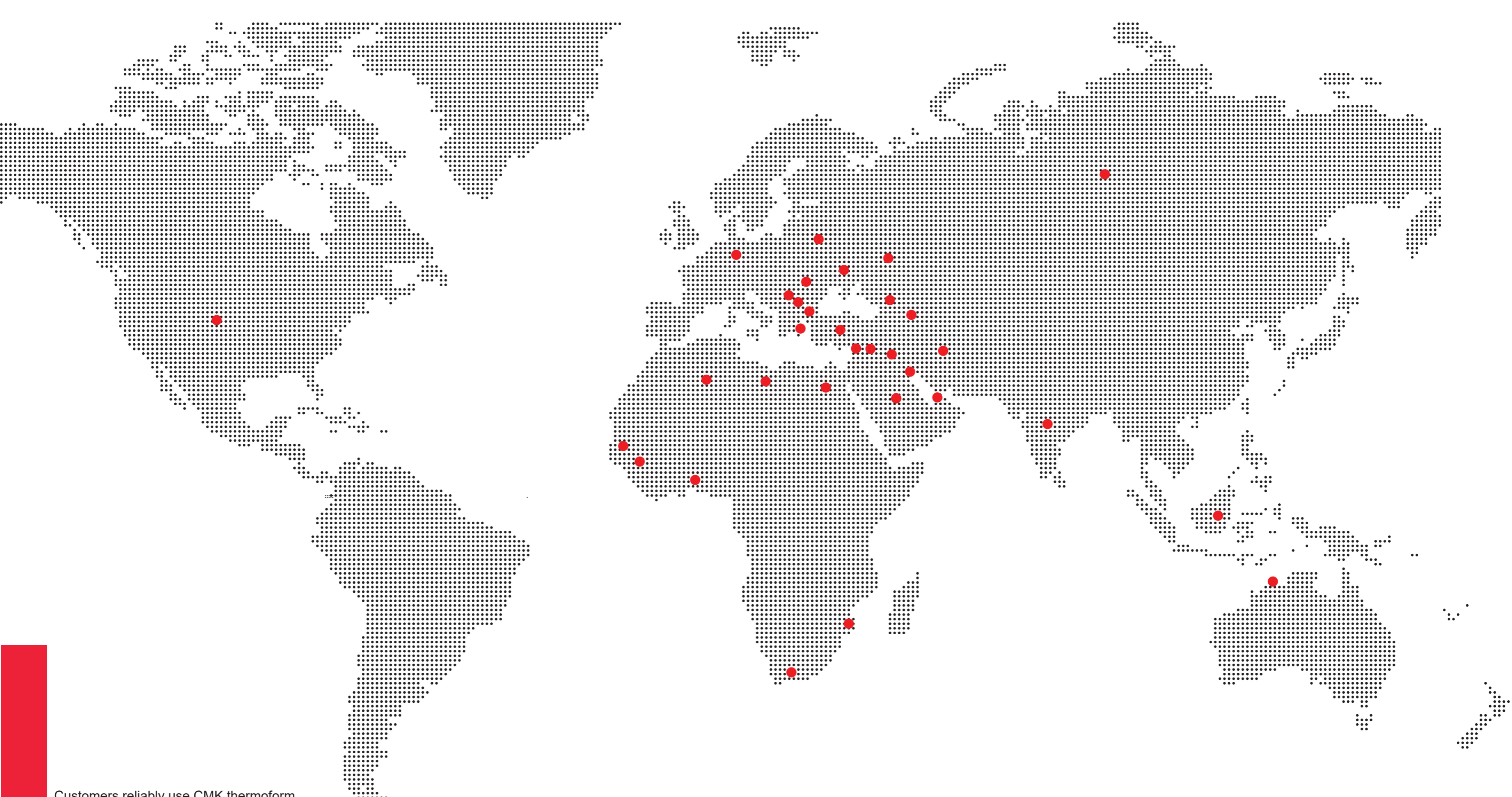
SPM (Counter and Packing Machine)

Sayma Motoru / Counter Motor	0,75 kw Sürücülü/Inverter
Sayma Konveyör Motoru / Counter Conveyor Motor	0,55 kw Sürücülü/Inverter
Poşet Çekme Motoru/Film Pulling Motor	5000 x 1500 x 1350 mm
Poşet Kaynak Motoru/Feeding Motor	Ø71 mm Cup - 1100 Adet/Pcs
İtici Motoru/Ejector Motor	720 Kg
Bardak Taşıma Motoru/Cups Transport Motor	13 Pcs
Kapasite/Capacity	720 Kg
Taşıma Konveyörü / Transport Conveyor (H - L - W)	13 Pcs



CMK ISM - 900 - Pre-Heater

Hareket Motoru/Movement Motor	2,2 kW AC Sürücülü /with Inverter
Istma Gücü /Heating Power	42 kW
Alüminyum Silindir/Aluminum Cylinder	Ø600 x 900 mm
Makina Ağırlığı/Machine Weight	700 Kg
Boyutlar / Dimensions (L - W - H)	1200 x1200 x1800 mm
Silindirler Termostat kontrollü/Cylinders Thermostat controlled	
Isıtıcı Tüp rezistans 12 adet/Heater Tube resistance 12 pcs	
Levha Stoplama Sensörü/Stop - Sheet Sensor	
Giriş ve Çıkışlarda Levha Çekme Silindirleri/ Sheet Pulling Cylinders in Entry and Exit	
Makina Üzerinde Monteli Elektrik Panosu/Electric Panel On the Machine	



Customers reliably use CMK thermoform machines in more than 30 countries. We are always happy to advise and assist you on-site at any time.

CMK currently operates in 30 countries and across 5 continents.

CAG MACHINERY

WITH SINCE 1995

Firmamız tek kullanımlık plastik ürünleri üreten termoform ambalaj makinaları'nın üretimine 1995 yılında başlamıştır. Kurulduğu günden bu zamana kadar sürekli kalitesini ve ürünlerini artıran firmamız özellikle gıda sektöründe kap, kapak, tabak, yoğurt kabı, vb. gibi ürünleri üreten firmalara termoform makineleri vermektedir. Yerli ve yabancı pazarda kalitesiyle haklı bir yere sahip olan ÇAĞ MAKİNE satış sonrası teknik destek ve yedek parça hizmeti de vermektedir.

30 yıllık yurtdışı ihracat tecrübemiz ve +250'den fazla makinemizle hizmetlerimizi hız kesmeden sürdürüyoruz. 5 kıtada +300'den fazla memnun müşterimiz ve makinemizle sizlere hizmet vermekten mutluluk ve gurur duyuyoruz.

Our factory has become a manufacturer of thermoforming machine, that is producing disposable plastic products, in 1995. Our Factory always updates its technology, develops its quality and increases number of machine types. Our thermo-forming Machines are sold to the factories that produce Cups, Lids, Yoghurt Cups and similar types of disposables in the field of food packaging. Having a good position in local and international market, for its trustable high quality thermo-forming Machines, our Company as well provides technical service and supply spare parts to the clients, after the sale. We continue to provide our services without slowing down with our 30 years of experience in overseas exports and over +250 machines. We are happy and proud to serve you with our over +300 satisfied customers and machines in 5 continents.

We will continue to build trustworthy machines with a solid foundation. Our legacy will continue to inspire us and our future partners.



ÇAĞ MAKİNE KALIP PLASTİK AMBALAJ San. ve Tic LTD. ŞTİ.

Factory

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