

**CATALOG
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TOK MAKİNA

About Us

As TOK MAKİNA, since 1998, we have been providing production and engineering services in the field of sheet metal processing machines and rollform machines in a 1200 m² enclosed area in OSTİM / ANKARA. With our expert staff and our founder's 40 years of experience in the sector, particularly in Expanded Metal Machinery and equipment and Rollform Profile Production Machines, producing professional engineering solutions and maintaining the highest level of customer satisfaction are among our primary goals.



Reliable Service

With our 40 years of experience, we provide transparent and reliable service. We offer a 2-year warranty on all our products.



Expert Team

Our professional technical team consists of individuals who are extremely careful in their work and are experts in their field.



Custom Solutions

With TOK MAKİNA, which offers custom engineering solutions according to your company's requirements, you can realize your



Global Service

We provide lifetime spare parts and technical service to our domestic and international customers.



Coil Decoiler Machines

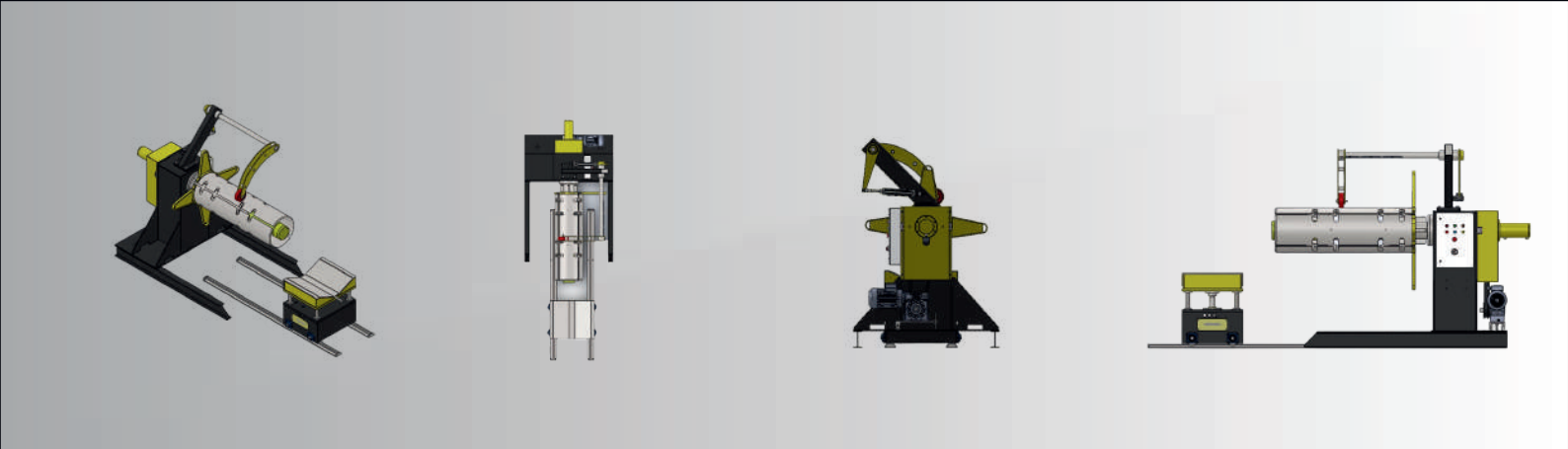
High-quality industrial solutions designed to unwind coil sheets precisely and in a controlled manner.

- ⚙️ Ability to work integrated with expanded sheet press or other machines
- ⚙️ Possibility of V-type hydraulic loading cart integration
- ⚙️ Model options suitable for different coil weights
- ⚙️ Production capacity in 500, 1000, 1250, and 1500 mm widths
- ⚙️ Option of mechanical or hydraulic internal clamping system
- ⚙️ Precise speed control and automatic operation feature
- ⚙️ Powerful motor capacity and durable body structure



Coil Decoiler Machines

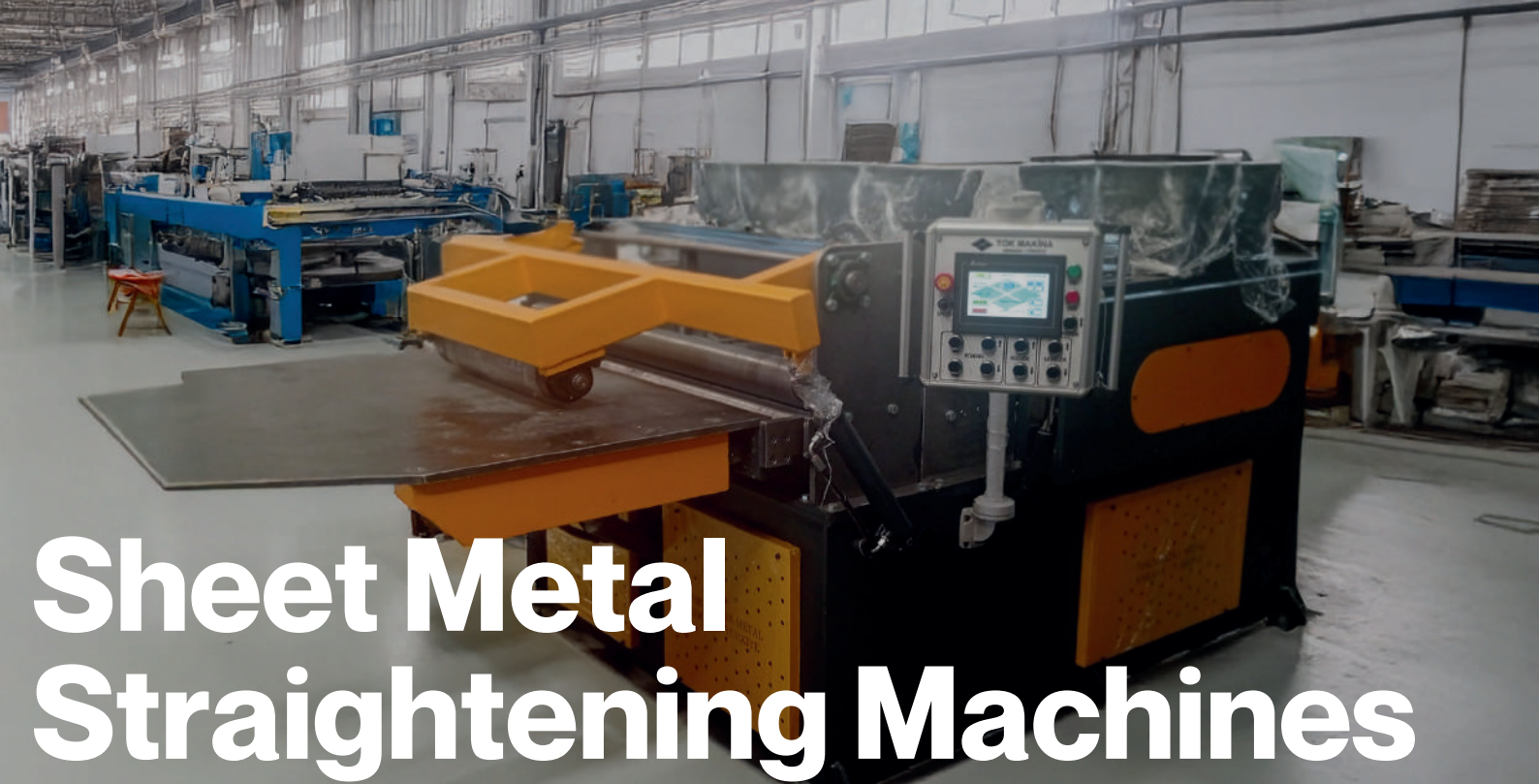
Feature table



Specification	THRA-75	THRA-1000	THRA-1250	THRA-1500	THRA-2000
Model Name	THRA-75 Coil Decoiler Machine	THRA-1000 Coil Decoiler Machine	THRA-1250 Coil Decoiler Machine	THRA-1500 Coil Decoiler Machine	THRA-2000 Coil Decoiler Machine
Model Description	Compact decoiler machine with 750 mm maximum coil width and mechanical clamping system	Medium capacity decoiler machine with 1000 mm maximum coil width and mechanical clamping system	Advanced decoiler machine with 1250 mm maximum coil width, hydraulic clamping system, and V-type loading cart	Heavy-duty decoiler machine with 1500 mm maximum coil width, hydraulic clamping system, and V-type loading cart	Industrial-grade decoiler machine with 2000 mm maximum coil width and 10,000 kg capacity
Maximum Coil Weight	2000 kg	3000 kg	4000 kg	3000 kg	10000 kg
Maximum Coil Width	750 mm	1000 mm	1250 mm	1500 mm	2000 mm
Minimum Coil Diameter	400-550 mm	400-550 mm	400-550 mm	400-550 mm	400-550 mm
Loading Cart	Not Available	Not Available	V-Type Available	V-Type Available	V-Type Available
Clamping System	Mechanical	Mechanical	Hydraulic	Hydraulic	Hydraulic
Drive Type	Belt + Pulley + Motor	Belt + Pulley + Motor	Gear - Chain - Motor - Reducer	Gear - Chain - Motor - Reducer	Gear - Chain - Motor - Reducer
Motor	2.2 kW	2.2 kW	3.0 kW	5.5 kW	11 kW
Maximum Speed	2 - 10 m/min	2 - 10 m/min	2 - 10 m/min	2 - 10 m/min	2 - 10 m/min
Power	380 V	380 V	380 V	380 V	380 V
Weight	≈ 1600 kg	≈ 1850 kg	≈ 2150 kg	≈ 4000 kg	≈ 12000 kg
Packaging Dimensions	≈ 1250 × 1800 × 1800 mm	≈ 1250 × 2200 × 2000 mm	≈ 1250 × 2200 × 2000 mm	≈ 1250 × 2600 × 2000 mm	≈ 4500 × 1800 × 2500 mm

*Machine specifications can be changed according to production methods.





Sheet Metal Straightening Machines

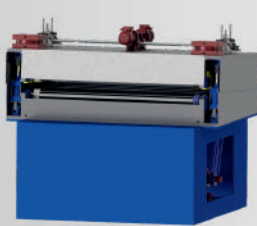
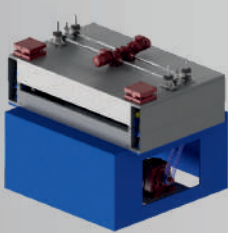
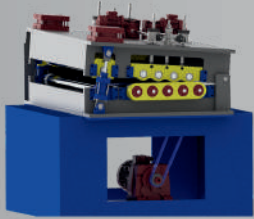
High-performance pre-straightening systems specially designed for precise flattening of metal sheets before entering production processes.

- ⚙ System specially designed for preparing raw metal sheets for production processes
- ⚙ Metal sheet output flattened to an ideal level for subsequent production processes
- ⚙ Quick adaptation to different thicknesses with manually adjustable straightening cylinders
- ⚙ Efficient material feeding system thanks to powerful drive cylinders
- ⚙ Durable steel body structure and maintenance-free design
- ⚙ Capacity to process sheet metal to perfect flatness with a precisely operating cylinder array
- ⚙ Ability to process DKP, HRP, aluminum, and stainless steel sheets



Sheet Metal Straightening Machines

Feature table



Specification	TOD-75	TOD-1000	TOD-1250	TOD-1500	TOD-2000
Model Name	TOD-75 Sheet Metal Straightening (Pre-Straightening) Machine	TOD-1000 Sheet Metal Straightening (Pre-Straightening) Machine	TOD-1250 Sheet Metal Straightening (Pre-Straightening) Machine	TOD-1500 Sheet Metal Straightening (Pre-Straightening) Machine	TOD-2000 Sheet Metal Straightening (Pre-Straightening) Machine
Model Description	Compact pre-straightening machine for straightening thin sheets with 750 mm width	Medium-sized pre-straightening machine for thin sheets with 1000 mm width	Advanced pre-straightening machine for medium thickness sheets with 1250 mm width	Heavy-duty pre-straightening machine for thick sheets with 1500 mm width	Industrial-grade pre-straightening machine for thick sheets with 2000 mm width
Maximum Sheet Width	750 mm	1000 mm	1250 mm	1500 mm	2000 mm
Min-Max Sheet Thickness	0.20 mm - 0.80 mm (Flat Sheet)	0.20 mm - 0.80 mm (Flat Sheet)	0.40 mm - 2.00 mm (Flat Sheet)	1.00 mm - 3.00 mm (Flat Sheet)	1.00 mm - 3.00 mm (Flat Sheet)
Drive Type	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter
Straightening Cylinders	11 Units (Ø 50 mm)	11 Units (Ø 63 mm)	11 Units (Ø 63 mm)	11 Units (Ø 63 mm)	13 Units (Ø 90 mm)
Drive Cylinders	4 Units (Ø 125 mm)	4 Units (Ø 100 mm)	4 Units (Ø 110 mm)	4 Units (Ø 110 mm)	4 Units (Ø 120 mm)
Power	380 V	380 V	380 V	380 V	380 V
Straightening Cylinders Adjustment	Manual	Manual	Manual	Manual	Manual
Motor	3.0 kW	3.0 kW	3.0 kW	5.5 kW	7.5 kW
Start - Stop	Automatic Switch Control	Automatic Switch Control	Automatic Switch Control	Automatic Switch Control	Automatic Switch Control
Weight	≈ 1500 kg	≈ 1800 kg	≈ 2300 kg	≈ 3000 kg	≈ 4500 kg
Packaging Dimensions	≈ 1250 mm x 2300 mm x 1400 mm	≈ 1500 mm x 2300 mm x 1400 mm	≈ 1700 mm x 2300 mm x 1400 mm	≈ 2100 mm x 2300 mm x 1600 mm	≈ 2300 mm x 2500 mm x 1800 mm

*Machine specifications can be changed according to production methods.



Expanded Metal (Sheet) Machines

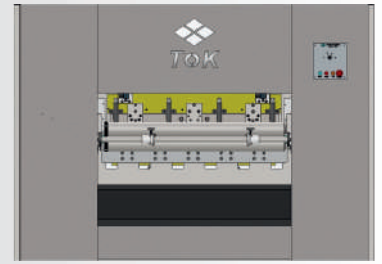
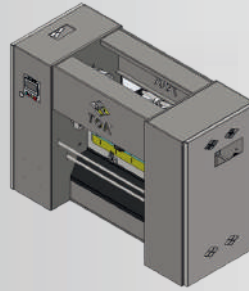
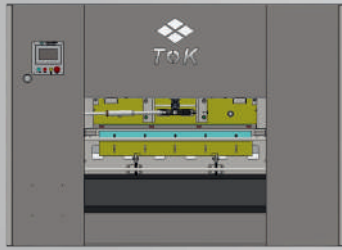
Custom-designed industrial machines developed for high-quality metal grid, mesh, and network production.

- ⚙ Capacity to produce with both plate and roll strip integration
- ⚙ Ability to adjust production quantity and stroke parameters from the PLC control screen
- ⚙ Maintenance of all moving parts with automatic lubrication system
- ⚙ Adjustable speed control feature according to different materials
- ⚙ Use of high-quality electronic components for optimal performance
- ⚙ Flexibility to produce expanded metal with borders or gaps
- ⚙ Ability to process different materials such as DKP, HRP, aluminum, and stainless steel



Expanded Metal (Sheet) Machines

Feature table - 1



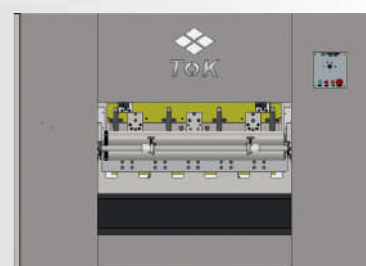
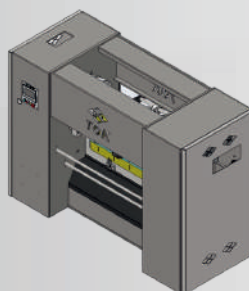
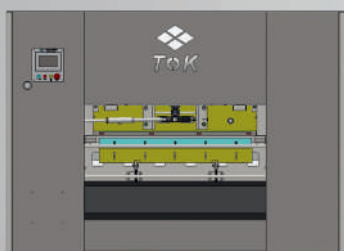
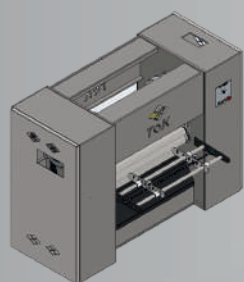
Specification	TGM-750	TGM-1000	TGM-1250	TGM-1500	TGM-1600	TGM-2000	TGM-2500
Model Name	TGM-750 Expanded Metal (Sheet) Machine	TGM-1000 Expanded Metal (Sheet) Machine	TGM-1250 Expanded Metal (Sheet) Machine	TGM-1500 Expanded Metal (Sheet) Machine	TGM-1600 Expanded Metal (Sheet) Machine	TGM-2000 Expanded Metal (Sheet) Machine	TGM-2500 Expanded Metal (Sheet) Machine
Model Description	Compact expanded metal machine for thin materials with 750 mm maximum sheet width	Compact expanded metal machine for thin materials with 1000 mm maximum sheet width	Versatile expanded metal machine for medium thickness materials with 1250 mm maximum sheet width	Industrial expanded metal machine for thick materials with 1500 mm maximum sheet width	Heavy-duty expanded metal machine for very thick materials with 1600 mm maximum sheet width	High-capacity expanded metal machine for the widest and thickest materials with 2000 mm maximum sheet width	High-capacity expanded metal machine for the widest and thickest materials with 2500 mm maximum sheet width
Maximum Sheet Width	750 mm	1000 mm	1250 mm	1500 mm	1600 mm	2000 mm	2500 mm
Sheet Thickness (Mild Steel)	0.20 mm - 0.80 mm	0.20 mm - 0.80 mm	0.40 mm ~ 2.00 mm	0.40 mm ~ 3.0 mm	1.00 mm ~ 5.00 mm	0.8 mm ~ 4.0 mm	1.00 mm ~ 5.00 mm
Galvanized Steel	0.20 mm - 0.80 mm	0.20 mm - 0.80 mm	0.40 mm ~ 2.00 mm	0.40 mm ~ 3.0 mm	1.00 mm ~ 5.00 mm	0.8 mm ~ 4.0 mm	1.00 mm ~ 5.00 mm
Stainless Steel	0.20 mm - 0.30 mm	0.20 mm - 0.30 mm	0.40 mm ~ 2.00 mm	0.40 mm ~ 1.50 mm	1.00 mm ~ 2.00 mm	Not Available	1.00 mm ~ 2.00 mm
Aluminum	0.20 mm ~ 1.0 mm	0.20 mm ~ 1.0 mm	0.40 mm ~ 3.0 mm	0.40 mm ~ 3.0 mm	2.00 mm ~ 6.00 mm	0.8 mm ~ 5.0 mm	2.00 mm ~ 6.00 mm
Material Type	Mild Steel / Aluminum / Galvanized	Mild Steel / Aluminum / Galvanized	Mild Steel / Aluminum / Galvanized	Mild Steel / Aluminum / Galvanized	Mild Steel / Aluminum / Galvanized	1.0 mm ~ 3.0 mm	Mild Steel / Aluminum / Galvanized
Min-Max Blade (Swd / Lwd)	1.5/3 - 10/20	1.5/3 - 10/20	5/10 - 25/75	10/20 - 48/115	10/20 - 80/200	10/20 - 50/150	10/20 - 80/200
Speed	80 - 600 RPM	80 - 500 RPM	80 - 400 RPM	80 - 300 RPM	80 - 250 RPM	80 - 250 RPM	80 - 250 RPM

*Machine specifications can be changed according to production methods.



Expanded Metal (Sheet) Machines

Feature table - 2



Specification	TGM-750	TGM-1000	TGM-1250	TGM-1500	TGM-1600	TGM-2000	TGM-2500
Power	380 V	380 V	380 V	380 V	380 V	380 V	380 V
Motor	11 kW	11 kW	22 kW	37 kW	55 kW	55 kW	55 kW
Drive Type	Belt + Pulley + Motor + Inverter	Belt + Pulley + Motor + Inverter	Belt + Pulley + Motor + Inverter	Belt + Pulley + Motor + Inverter	Belt + Pulley + Gear + Motor + Inverter	250 ton	Belt + Pulley + Gear + Motor + Inverter
Air Clutch	Not Available	Not Available	Available	Available	Available - Made in Italy	Available - Made in Italy	Available - Made in Italy
Feeding	With Servo Motor (0.20 mm - 5 mm)	With Servo Motor (0.20 mm - 5 mm)	With Servo Motor (0.40 mm - 10 mm)	With Servo Motor (0.40 mm - 15 mm)	With Servo Motor (1.00 mm - 25 mm)	With Servo Motor (1.00 mm - 25 mm)	With Servo Motor (1.00 mm - 25 mm)
Ram and Right-Left Adjustment	Automatic with Servo Motor (3 units - 1 kW)	Automatic with Servo Motor (3 units - 1 kW)	Automatic with Servo Motor (3 units - 1 kW)	Automatic with Servo Motor (3 units - 1 kW)	Automatic with Servo Motor (2 units - 1 kW)	Automatic with Servo Motor (2 units - 1 kW)	Automatic with Servo Motor (2 units - 1 kW)
Upper Blade	1 set	1 set	1 set	1 set	1 set	1 set	1 set
Lower Blade	1 set	1 set	1 set	1 set	1 set	1 set	1 set
Cutting	With Automatic Stroke Count	With Automatic Stroke Count	With Automatic Stroke Count	With Automatic Stroke Count	With Automatic Stroke Count	With Automatic Stroke Count	With Automatic Stroke Count
Automation	PLC (7' Touch Screen) - Delta	PLC (7' Touch Screen) - Delta	PLC (7' Touch Screen) - Delta	PLC (7' Touch Screen) - Delta	PLC (7' Touch Screen) - Delta	PLC (7' Touch Screen) - Delta	PLC (7' Touch Screen) - Delta
Weight	≈ 3500 kg	≈ 4000 kg	≈ 5500 kg	≈ 9500 kg	≈ 16500 kg	≈ 20000 kg	≈ 16500 kg
Packaging Dimensions	≈ 900 × 1900 x 1600 mm	≈ 900 × 1900 x 1600 mm	≈ 1200 × 2500 x 2000 mm	≈ 1200 × 3000 x 2000 mm	≈ 1500 × 3400 x 3500 mm	≈ 1500 × 4000 x 3500 mm	≈ 1500 × 3400 x 3500 mm

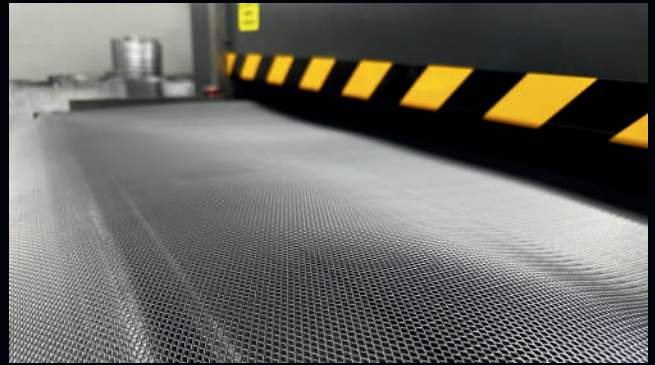
*Machine specifications can be changed according to production methods.



Expanded Metal Flattening Machines

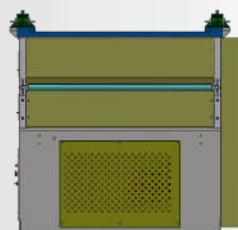
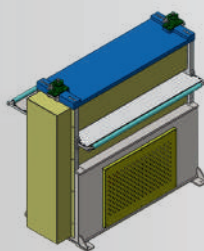
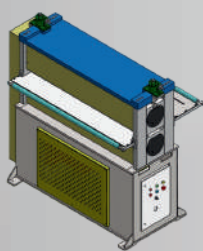
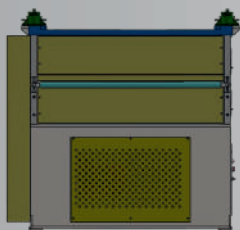
High-quality expanded metal flattening systems developed for precise metal processing.

- ⚙ Ability to work both independently with plate products & integrated with expanded metal presses
- ⚙ Durable cylinder structure made of special solid steel material with special heat treatment applied
- ⚙ Model options suitable for expanded metals of different thicknesses
- ⚙ Powerful motor capacity and durable body structure
- ⚙ Capacity to make precise pressure adjustments on both sides
- ⚙ Capacity to flatten expanded metal to its original sheet thickness
- ⚙ Ability to process DKP, HRP, aluminum, and stainless steel materials



Expanded Metal Flattening Machines

Feature table



Specification	TGE-75	TGE-1000	TGE-1250	TGE-1500	TGE-2000
Model Name	TGE-75 Expanded Metal Flattening Machine	TGE-1000 Expanded Metal Flattening Machine	TGE-1250 Expanded Metal Flattening Machine	TGE-1500 Expanded Metal Flattening Machine	TGE-2000 Expanded Metal Flattening Machine
Model Description	Compact flattener for thin expanded metal up to 0.80 mm	Medium-sized flattener for thin expanded metal up to 0.80 mm	Advanced flattener for medium thickness expanded metal up to 2.00 mm	Heavy-duty flattener for thick expanded metal up to 4.00 mm	Industrial-grade flattener with 2000 mm width capacity for thick expanded metal
Maximum Sheet Width	1250 mm	1250 mm	1250 mm	1250 mm	2000 mm
Min-Max Sheet Thickness	0.20 mm - 0.80 mm (Expanded Metal)	0.20 mm - 0.80 mm (Expanded Metal)	0.40 mm - 2.00 mm (Expanded Metal)	1.00 mm - 4.00 mm (Expanded Metal)	1.00 mm - 4.00 mm (Expanded Metal)
Drive Type	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter
Power	380 V	380 V	380 V	380 V	380 V
Motor	7.5 kW	7.5 kW	7.5 kW	11 kW	15 kW - GAMAK
Cylinder Diameter	310 mm (50 - 54 HRC)	310 mm (50 - 54 HRC)	310 mm (50 - 54 HRC)	465 mm (50 - 54 HRC)	465 mm (SOLID)
Start - Stop	Automatic Switch Control	Automatic Switch Control	Automatic Switch Control	Automatic Switch Control	Automatic Switch Control
Weight	≈ 2600 kg	≈ 2600 kg	≈ 2600 kg	≈ 5000 kg	≈ 8000 kg
Packaging Dimensions	≈ 1050 mm x 1400 mm x 1700 mm	≈ 1050 mm x 1400 mm x 1700 mm	≈ 1050 mm x 1400 mm x 1700 mm	≈ 1050 mm x 1400 mm x 1700 mm	≈ 2800 × 1800 × 2300 mm

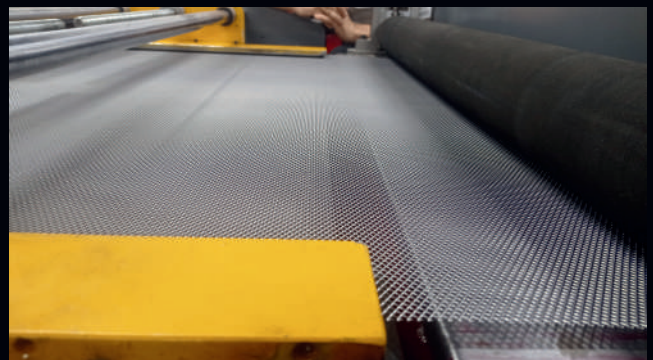
*Machine specifications can be changed according to production methods.



Expanded Metal (Sheet) Straightening Machines

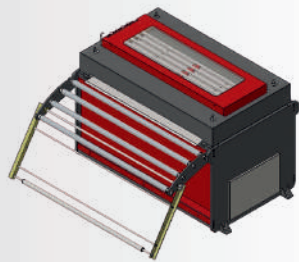
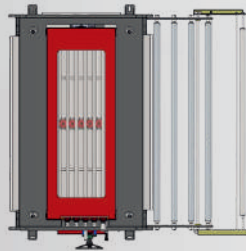
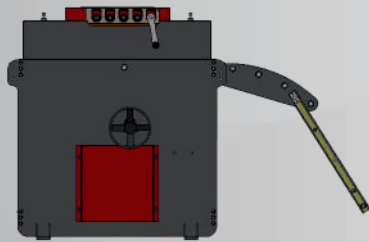
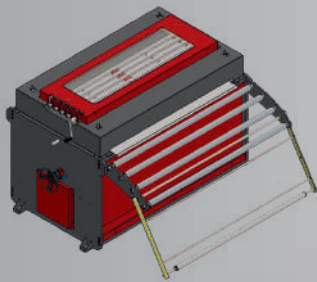
Advanced straightening systems specially developed for flattening processed expanded metal products.

- ⚙ Integration capability with expanded metal presses
- ⚙ Precise pressure adjustment capability on both sides
- ⚙ Efficient material feeding system thanks to powerful drive cylinders
- ⚙ Durable steel body structure and maintenance-free design
- ⚙ Straightening cylinders specially designed for expanded metal products
- ⚙ Ability to perfectly flatten expanded metal
- ⚙ Capability to process DKP, HRP, aluminum, and stainless steel expanded metals



Expanded Metal (Sheet) Straightening Machines

Feature table



Specification	TGD-75	TGD-1000	TGD-1250	TGD-1500	TGD-2000
Model Name	TGD-75 Expanded Metal (Sheet) Straightening Machine	TGD-1000 Expanded Metal (Sheet) Straightening Machine	TGD-1250 Expanded Metal (Sheet) Straightening Machine	TGD-1500 Expanded Metal (Sheet) Straightening Machine	TGD-2000 Expanded Metal (Sheet) Straightening Machine
Model Description	Compact straightening machine for thin expanded metal processing with 750 mm width	Medium-sized straightening machine for thin expanded metal with 1000 mm width	Advanced straightening machine for medium thickness expanded metal with 1250 mm width	Heavy-duty straightening machine for thick expanded metal with 1500 mm width	Industrial-grade straightening machine for thick expanded metal with 2000 mm width
Maximum Sheet Width	750 mm	1000 mm	1250 mm	1500 mm	2000 mm
Min-Max Sheet Thickness	0.20 mm - 0.80 mm (Expanded Metal)	0.20 mm - 0.80 mm (Expanded Metal)	0.40 mm - 2.00 mm (Expanded Metal)	1.00 mm - 3.00 mm (Expanded Metal)	1.00 mm - 3.00 mm (Expanded Metal)
Drive Type	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter	Motor Reducer + Gear + Chain + Inverter
Straightening Cylinders	11 Units (Ø 50 mm)	11 Units (Ø 63 mm)	11 Units (Ø 63 mm)	11 Units (Ø 63 mm)	13 Units (Ø 90 mm)
Drive Cylinders	4 Units (Ø 125 mm)	4 Units (Ø 100 mm)	4 Units (Ø 110 mm)	4 Units (Ø 110 mm)	4 Units (Ø 120 mm)
Power	380 V	380 V	380 V	380 V	380 V
Straightening Cylinders Adjustment	Manual	Manual	Manual	Manual	Manual
Motor	3.0 kW	3.0 kW	3.0 kW	5.5 kW	7.5 kW
Start - Stop	Automatic Switch Control	Automatic Switch Control	Automatic Switch Control	Automatic Switch Control	Automatic Switch Control
Weight	≈ 1500 kg	≈ 1800 kg	≈ 2300 kg	≈ 3000 kg	≈ 4500 kg
Packaging Dimensions	≈ 1250 mm x 2300 mm x 1400 mm	≈ 1500 mm x 2300 mm x 1400 mm	≈ 1700 mm x 2300 mm x 1400 mm	≈ 2100 mm x 2300 mm x 1600 mm	≈ 2300 mm x 2500 mm x 1800 mm

*Machine specifications can be changed according to production methods.



Expanded Metal Slitting and Sizing Machines

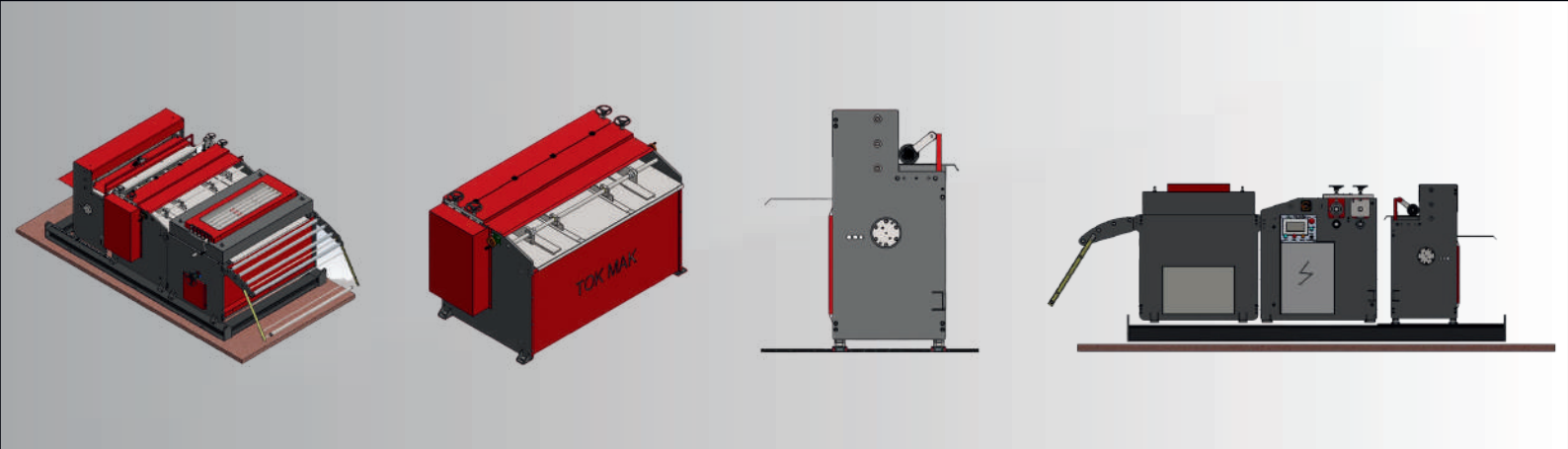
Industrial systems specially designed for precise and repeatable slitting and sizing of expanded metal products.

- ⚙ Capacity to produce with both plate and roll strip integration
- ⚙ Easy control capability with a single operator
- ⚙ Ability to adjust production quantity and stroke parameters from the PLC control screen
- ⚙ Cylindrical cutter systems specially designed for precise slitting
- ⚙ Ability to adapt to different materials with manually adjustable roller cutter system
- ⚙ Use of high-quality electronic components for optimal performance
- ⚙ Ability to process DKP, HRP, aluminum, and stainless steel materials



Expanded Metal Slitting and Sizing Machines

Feature table



Specification	TSD-75	TSD-1000	TSD-1250	TSD-1500	TSD-2000
Model Name	TSD-75 Expanded Metal Slitting and Sizing Machine	TSD-1000 Expanded Metal Slitting and Sizing Machine	TSD-1250 Expanded Metal Slitting and Sizing Machine	TSD-1500 Expanded Metal Slitting and Sizing Machine	TSD-2000 Expanded Metal Slitting and Sizing Machine
Model Description	Compact slitting machine for thin expanded metal processing up to 0.80 mm	Medium-sized slitting machine with increased capacity for thin expanded metal	Advanced slitting machine for medium thickness expanded metal up to 2.00 mm	Heavy-duty slitting machine for thick expanded metal up to 3.00 mm	Industrial-grade slitting machine with 2000 mm width capacity for thick expanded metal
Material Cross-section	0.20 mm - 0.80 mm (Expanded Metal)	0.20 mm - 0.80 mm (Expanded Metal)	0.40 mm - 2.00 mm (Expanded Metal)	1.00 mm - 3.00 mm (Expanded Metal)	1.00 mm - 3.00 mm (Expanded Metal)
Sheet Metal	DKP-Galvanized-Aluminum	DKP-Galvanized-Aluminum	DKP-Galvanized-Aluminum	DKP-Galvanized-Aluminum	DKP-Galvanized-Aluminum
Power	380 V	380 V	380 V	380 V	380 V
Roller Cutter (Quantity) Max	5 pieces + 5 pieces	8 pieces + 8 pieces	10 pieces + 10 pieces	10 pieces + 10 pieces	10 pieces + 10 pieces
Roller Cutter (Material)	4140 - 58-60 HRC	4140 - 58-60 HRC	4140 - 58-60 HRC	4140 - 58-60 HRC	4140 - 58-60 HRC
Roller Cutter Settings	Manual	Manual	Manual	Manual	Manual
Sizing Blade and Cutter Settings	2379 (56-60 HRC)	2379 (56-60 HRC)	2379 (56-60 HRC)	2379 (56-60 HRC)	2379 (56-60 HRC)
Automation	PLC (7' Touch Screen) - DELTA	PLC (7' Touch Screen) - DELTA	PLC (7' Touch Screen) - DELTA	PLC (7' Touch Screen) - DELTA	PLC (7' Touch Screen) - DELTA
Motor (Slitting)	4 kW Motor - Inverter - Reducer - GAMAK	5.5 kW Motor - Inverter - Reducer - GAMAK	7.5 kW Motor - Inverter - Reducer - GAMAK	11 kW Motor - Inverter - Reducer - GAMAK	11 kW Motor - Inverter - Reducer - GAMAK
Motor (Sizing)	2.2 kW Motor - Inverter - Reducer - GAMAK	4 kW Motor - Inverter - Reducer - GAMAK	5.5 kW Motor - Inverter - Reducer - GAMAK	5.5 kW Motor - Inverter - Reducer - GAMAK	7.5 kW Motor - Inverter - Reducer - GAMAK
Packaging Dimensions (Slitting)	≈ 2650 mm x 1500 x 1800 mm	≈ 2650 mm x 1500 x 1800 mm	≈ 2650 mm x 1500 x 1800 mm	≈ 2650 mm x 1500 x 1800 mm	≈ 2650 mm x 1500 x 1800 mm
Packaging Dimensions (Sizing)	≈ 2650 mm x 1125 x 1800 mm	≈ 2650 mm x 1125 x 1800 mm	≈ 2650 mm x 1125 x 1800 mm	≈ 2650 mm x 1125 x 1800 mm	≈ 2650 mm x 1125 x 1800 mm

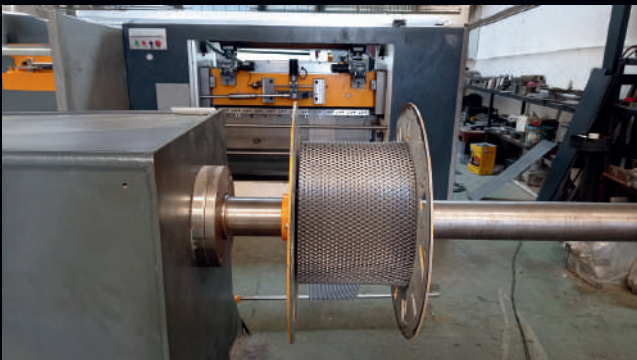
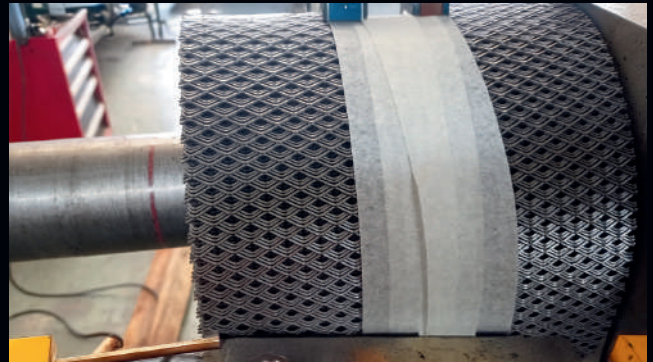
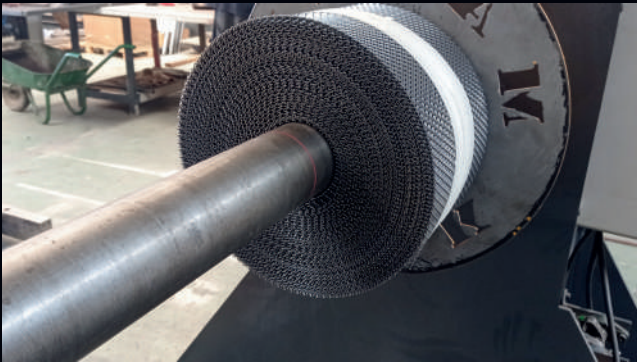
*Machine specifications can be changed according to production methods.



Expanded Metal Winding Machines

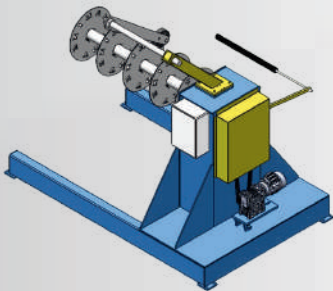
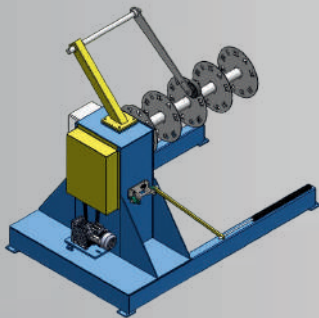
Industrial solutions developed for efficiently and controllably winding processed expanded metal sheets into rolls.

- ⚙ Safe and efficient winding capacity for processed expanded metal sheets
- ⚙ Motor-reducer belt pulley drive technology for smooth performance
- ⚙ Variable speed control of 2-10 m/min to suit various processing requirements
- ⚙ Ability to process expanded metals of different sizes and thicknesses
- ⚙ Advanced mechanical fixing system for secure coil holding
- ⚙ Automation feature equipped with key/sensor system for precise control
- ⚙ Seamless integration capability with expanded metal production lines



Expanded Metal Winding Machines

Feature table



Specification	TRS-1000	TRS-1250
Model Name	TRS-1000 Expanded Metal Winding Machine	TRS-1250 Expanded Metal Winding Machine
Model Description	Medium-sized winding machine with 1000mm maximum roll width and 250kg capacity	Advanced winding machine with 1250mm maximum roll width and 500kg capacity
Maximum Roll Weight	250 Kg	500 Kg
Maximum Roll Width	1000 mm	1250 mm
Processed Sheet Metal	Expanded Sheet Roll	Expanded Sheet Roll
Roll Holding System	Mechanical Fixing	Mechanical Fixing
Drive Type	Motor - Reducer Belt Pulley	Motor - Reducer Belt Pulley
Power	380 V	380 V
Motor	2.2 kW	2.2 kW
Speed	2 - 10 m/min	2 - 10 m/min
Start-Stop	Key/Sensor	Key/Sensor
Packaging Dimensions	≈ 1500 mm x 1250 mm x 2000 mm	≈ 1500 mm x 1500 mm x 2500 mm

*Machine specifications can be changed according to production methods.

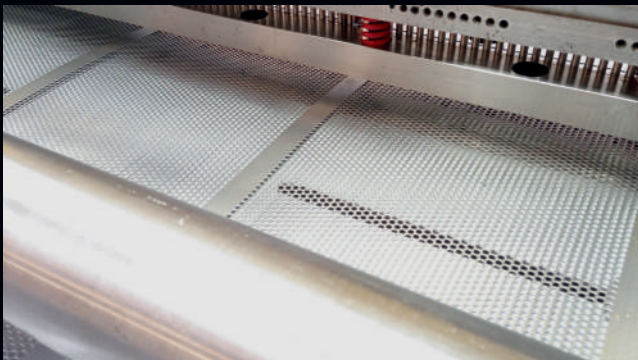




Perforated Sheet Press Machines

Durable and efficient perforated sheet presses developed for high-precision hole punching operations.

- ⚙️ Structure suitable for both plate production and integrated production with roll strips
- ⚙️ Easy operation capability with single operator control
- ⚙️ Adjustable speed control according to material and die requirements
- ⚙️ Long-lasting performance with hardened and ground machine elements
- ⚙️ Powerful drive system with gear, belt, pulley, and motor combination
- ⚙️ Use of high-quality electronic components for optimal performance
- ⚙️ Ability to adjust production quantity and stroke values from the control screen



Perforated Sheet Press Machines

Feature table

Specification	TPM-1250-30	TPM-1250-37
Model Name	TPM-1250/30 Perforated Sheet Press Machine	TPM-1250/37 Perforated Sheet Press Machine
Model Description	Standard capacity perforated sheet press with 1250 mm width and 30 kW power	High capacity perforated sheet press with 1250 mm width and 37 kW power
Maximum Sheet Width	0.80 mm x 1250 mm	1.5 mm x 1250 mm
Speed (RPM)	60 - 300 rpm	60 - 250 rpm
Stroke Distance	40 mm	40 mm
Power	380 V	380 V
Motor	30 kW	37 kW
Air Clutch and Brake Mechanism	Available	Available
Drive Type	Gear - Belt - Pulley - Motor	Gear - Belt - Pulley - Motor
Speed Control	Inverter	Inverter
Driver	100 mm Diameter 2 drivers (1-Servo Motor)	100 mm Diameter 2 drivers (1-Servo Motor)
Automation	PLC (7' Touch Screen) - Delta	PLC (7' Touch Screen) - Delta
Weight	≈ 6500 kg	≈ 8000 kg

*Machine specifications can be changed according to production methods.



Light Steel Rollform Machine

Integrated production line that produces high-precision light steel profiles from galvanized and DKP sheet metal.

- ⚙ Fully integrated uncoiling, forming, punching, and cutting operations
- ⚙ High precision with servo motor and planetary gear transmission system
- ⚙ Complete processing with nut hole, service hole, screw hole, and notching dies
- ⚙ Flexible production capacity suitable for different base widths
- ⚙ Automatic operation system with optical sensor control
- ⚙ Precise profile forming with 17-station rollform unit
- ⚙ Powerful and precise pressure control with hydraulic unit system



Light Steel Rollform Machine

Feature table - 1

Specification	THC-MULTI
Model Name	THC-MULTI Light Steel Rollform Machine
Model Description	Fully automated production line equipped with integrated coil uncoiler and rollform unit capable of producing light steel profiles with 75-200 mm base width
Uncoiler - Maximum Coil Weight	2500 kg
Uncoiler - Sheet Material	Galvanized - DKP
Uncoiler - Maximum Coil Width	300 mm
Uncoiler - Minimum Coil Diameter	400-550 mm
Uncoiler - Upper Pressure	Pneumatic
Uncoiler - Clamping	Mechanical
Uncoiler - Start/Stop	Optical sensor
Uncoiler - Drive Type	Belt Pulley Motor
Uncoiler - Motor	2.2 kW (GAMAK - YILMAZ Reducer)
Uncoiler - Power	380 V
Uncoiler - Packaging	≈ 1400 × 1420 × 1800 mm
RollForm - Sheet Material	Galvanized
RollForm - Sheet Thickness	0.70 mm – 2.00 mm
RollForm - Material Type	DKP / Galvanized
RollForm - Profile Base Width	75 - 200 mm
RollForm - Number of Stations	17 units
RollForm - Motor (RPM)	1500 rpm
RollForm - Power	380 V

*Machine specifications can be changed according to production methods.



Light Steel Rollform Machine

Feature table - 2

Specification	THC-MULTI
RollForm - Frequency	50Hz/60Hz
RollForm - Power Supply	400V 3F+N+PE
RollForm - Motor	11 kW Servo (Delta)
RollForm - Drive Type	Servo Motor + Planetary Gear Transmission
RollForm - Station Pressure Adjustment	Manual
RollForm - Shafts	C4140 - Ø60 mm Heat Treated Ground
RollForm - Rollers	4140 (52 - 54 HRC)
RollForm - Control	17" Touch IPC - With Software
Punching Dies	Nut Hole (Ø13), Service Hole (Ø30), Screw Hole (Ø5 mm), Notching
Forming Dies	Flange Hole Punching, Web Notching
Cutting Dies	Length Cutting (1 Unit)
Hydraulic Unit	5.5 kW Main motor with Accumulator support
Hydraulic Valves	Italian Origin
Total Weight	≈ 8000 kg
Total Packaging Dimensions	≈ 1250 mm x 2500 mm x 8000 mm
Required Installation Area	3000 mm X 20000 mm
Special Notes	Cutting and punching dies are suitable for 90 mm and 140 mm. Upon request, extra dies can be provided according to the desired base width.

*Machine specifications can be changed according to production methods.





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