

The logo features the word "EMPO" in a bold, white, sans-serif font with a registered trademark symbol (®) to its upper right. Below it, the tagline "World's Machine" is written in a smaller, white, sans-serif font. The background is a solid blue color with a faint, white line-art pattern of various mechanical parts, including wheels and gears, arranged in a grid-like fashion.

EMPO[®]
World's Machine

We Build & Develop The World Of Machinery
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EMPO®

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World's Machine

PRODUCTS CATALOGUE



**SOLE AND LEADING MANUFACTURER
IN TURKEY**

www.empold.com



ABOUT US

How did the story started...

As company established by GULSUNA family in 1982. The company started with a small workshop which produces food and agricultural machinery in Mersin city south of TURKEY. In 1994 they began Manufacturing rebar and wire processing machines.

Modern technological applications ,innovations and R&D...

Requirements and demands of clients are indispensable part of R&D department which renovated by the day. An experienced personel utilise an advanced designed solid modeling programmes and special softwares based on desing verification. All type of automation and software can be achieved in accordance with customer demands . All the machine parts are produced at CNC process stations with its standarts and high quality as well as environmentalist mentality. The machines are controlled on 2 steps which are mechanical & electronic and practice tests and produce by ISO 9001: 2008 on quality management system.

A friend of customer...

Our customers having the best technical support as well quick service by buying an EMPO machine at the same time . Service after sales team , provides an installation and spare parts inquiries to all around the world . EMPO CO. is proud of sharing its Know-How and experience in rebar & wire processing industry with its customers for nearly 30 years . With experienced sales department , after sale service and expert installation team ; EMPO proved its reliability by countless projects in rebar&wire processing machineries market all around the world

Global services...

Complete rebar & wire processing machineries supplied and are working in the countries from Asia ,Middle East , Africa, South America, Australia and Europe such as ; England, Holland, Belgium, Hungary, Ukraine, Georgia, Azerbaijan, Uzbekistan, Iran, Iraq, Benin, Bosnia, Macedonia, Morocco, Tunisia, Lebanon, Algeria, Dubai, Qatar, Israel, Libya, Equador, Tanzania, Senegal, Benin, Gabon, Uruguay, Brazil and more...

Sincerely | Empo Co.

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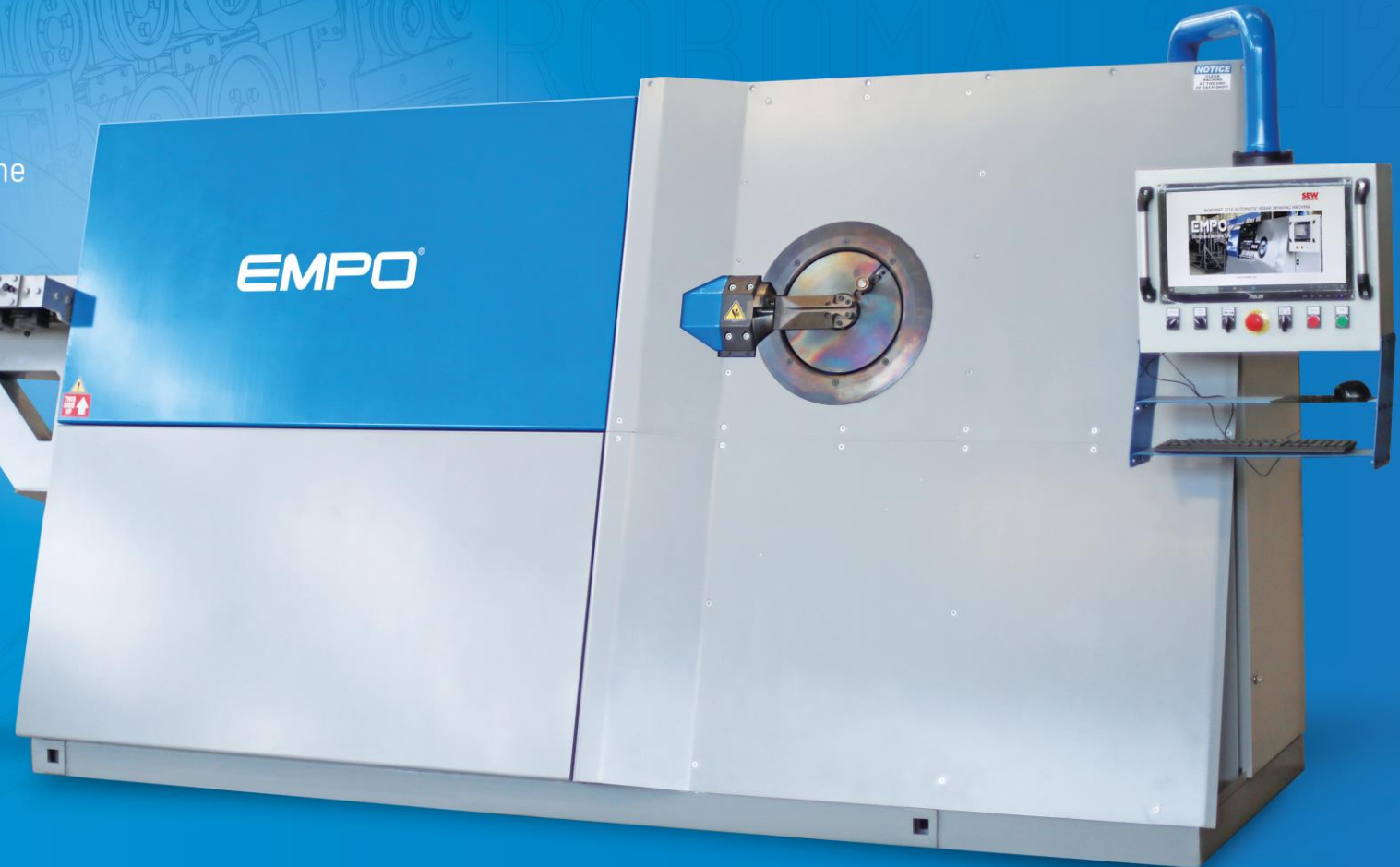
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Benders & Cutters

& Hand Tools

ROBOMAT 2212

Automatic Stirrup Bending Machine



TECHNICAL DETAILS

Model	ROBOMAT-2212	
Works with Raw Material	Coil	
Type of Wire	Ribbed & Smooth	
Production Capacity	Singlewire	Φ10-12mm
	Doublewire	Φ6-8mm
Max. Bending Opportunity	CW and CCW/Bidirectional	
Driving Opportunity	Manual and Automatic Forward and Backward	
Rated Power For 2 Servomotor	7.5+5.5 KW	
Driving Motor	7.5 KW (servo motor)	
Bending Motor Power	5.5 KW (servo motor)	
Length Tolerance	±1mm	

Bending Tolerance	±1°
Driving Speed	90m/minutes
Bending Speed	1200°/sec.
Pre-Straightening Unit	X and Y axis with multiple rollers
Control Unit	Operator friendly program, Shapes can be easily created by helping with angles and length visualisation.
Driving Unit	Industrial type gear box by EMPO
Bending Unit	Industrial type gear box by EMPO
Cutting	Heavy duty type industrial gear box
Average Air Compressed Consumption	6lit/minutes
Average Electric Power Consumption	4-6Kw/h

Compressor Needed	200lit/minutes
Working Pressure (Bar)	6Bar
Voltage	380V 50Hz 3Phase
Switch Sensors	Proximity Switches
Encoder	1024 Pulse
Driving Gear Box	65 Grade With Heat Treatment
Control Panel Type	LCD 18" Panel
Machine Dimensions (WxLxH)	1500 mm x 4600 mm x 1900 mm
Machine Weight	2700 Kg
Control Program Language	TR, ENG, FR, ARAB
HS CODE	84.62.29.98

SCOPE OF SUPPLY			
NO.	COMPONENTS	QUANTITY	
1	Wire Pay Off	2PCS	
2	Central Machine	Wire straightening units	2UNITS
		Wire feeding unit	1UNIT
		Wire bending unit	1UNIT
		Wire cutting unit Electric cabinet	1UNIT
3	Control Ctonsole	1UNIT	
4	Tools 6-8-10-12mm Bending Support Arm For Each Diameters Bending Pins - 2 Units Female & Male Blades For The Each Diameters.	1SET	
5	Straightening Roller	5PCS	
6	Driving Gear Box Disc	2Pcs	
7	Cutting Blades	2Pcs	

ROBOMAT 2210

Automatic Stirrup Bending Machine



TECHNICAL DETAILS

Model	ROBOMAT-2210		Control Unit	Operator friendly program, Shapes can be easily created by helping with angles and length visualisation.
Works With Raw Material	Coil		Driving Unit	Industrial type gear box by EMPO
Type Of Wire	Ribbed & Smooth		Bending Unit	Industrial type gear box by EMPO
Production Capacity	Singlewire	Φ10 mm	Average Electric Power Consumption	4-6 Kw/h
	Doublewire	Φ5-8 mm	Average Air Compressed Consumption	6lt/minutes
Max. Bending Opportunity	CW and CCW/Bidirectional		Compressor Needed	200lt/min
Driving Opportunity	Manual and Automatic Forward and Backward		Working Pressure (Bar)	6Bar
Rated Power For 2 Servomotor	5,5+5,5 KW		Cutting	Heavy duty type industrial gear box
Driving Motor	5,5 KW (servo motor)		Voltage	380V 50Hz 3Phase
Bending Motor Power	5,5 KW (servo motor)		Switch Sensors	Proximity Switches
Driving Speed	80m/minutes		Encoder	1024 Pulse
Bending Speed	1000°/sec		Driving Gear Box	65 Grade with Heat Treatment
Length Tolerance	±1mm		Control Panel Type	LCD 18" Panel
Bending Tolerance	±1°		Machine Dimensions (WxLxH)	1500 mm x 4600 mm x 1900 mm
Pre-Straightening Unit	X and Y axis with multiple rollers		Machine Weight	2400 Kg
HS CODE	82.62.29.98		Language	TR, ENG, FR, ARABIC (OPTIONAL)

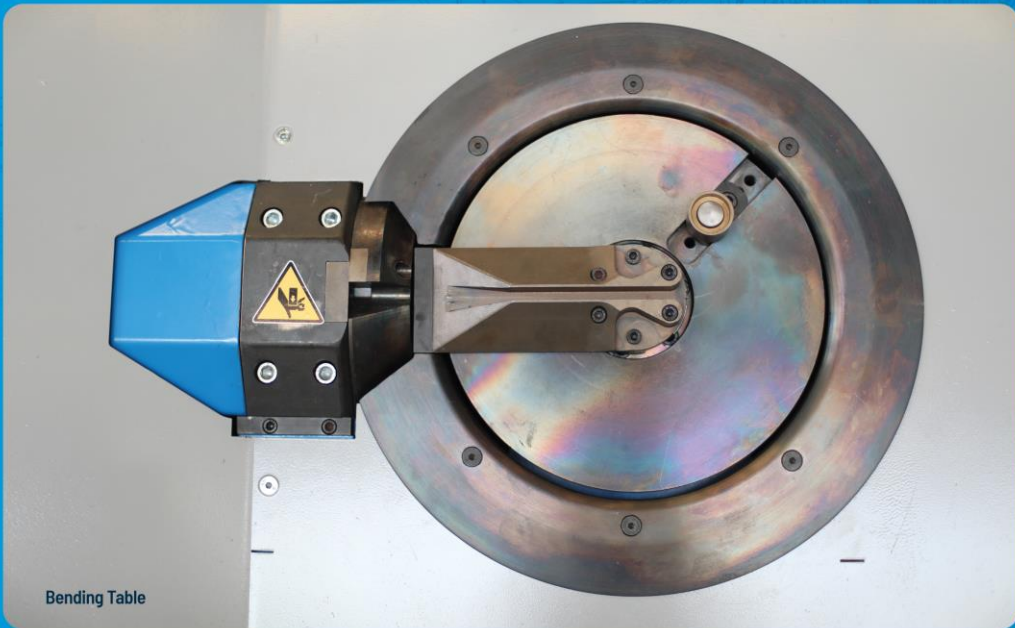
ROBOMAT 2208

Automatic Stirrup Bending Machine



TECHNICAL DETAILS

Model	ROBOMAT-2208		Control Unit	Operator friendly program, Shapes can be easily created by helping with angles and length visualisation.
Works With Raw Material	Coil		Driving Unit	Industrial type gear box by EMPO
Type Of Wire	Ribbed & Smooth		Bending Unit	Industrial type gear box by EMPO
Production Capacity	Singlewire	Φ8mm	Average Air Compressed Consumption	6lt/minutes
	Doublewire	Φ4-Φ5-Φ6mm	Average Electric Power Consumption	4-6 Kw/h
Max. Bending Opportunity	CW and CCW/Bidirectional		Compressor Needed	200lt/min
Driving Opportunity	Manual and Automatic Forward and Backward		Working Pressure (Bar)	6Bar
Rated Power For 2 Servomotor	4Kw+3Kw Servo Motors		Cutting	Heavy duty type industrial gear box
Driving Motor	4KW (servo motor)		Voltage	380V 50Hz 3Phase
Bending Motor Power	3 KW (servo motor)		Electric Switches	Siemens
Length Tolerance	±1mm		Servo Motors	SEW Industrial
Bending Tolerance	±1°		Servo Drivers	SEW Industrial
Driving Speed	70m/minutes		Control Panel Type	LCD 18" Panel
Bending Speed	1000°/sec.		Machine Dimensions (WxLxH)	1500mmx4600mmx1900mm
Straightening Unit	X and Y axis with multiple rollers		Machine Weight	1800Kg
HS CODE	82.62.29.98			



Bending Table



Main Driving Gear Box



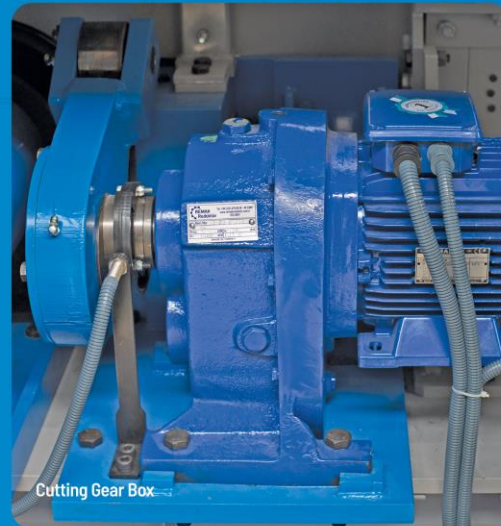
Pneumatic Piston for Roller



Pre-Straightening Unit



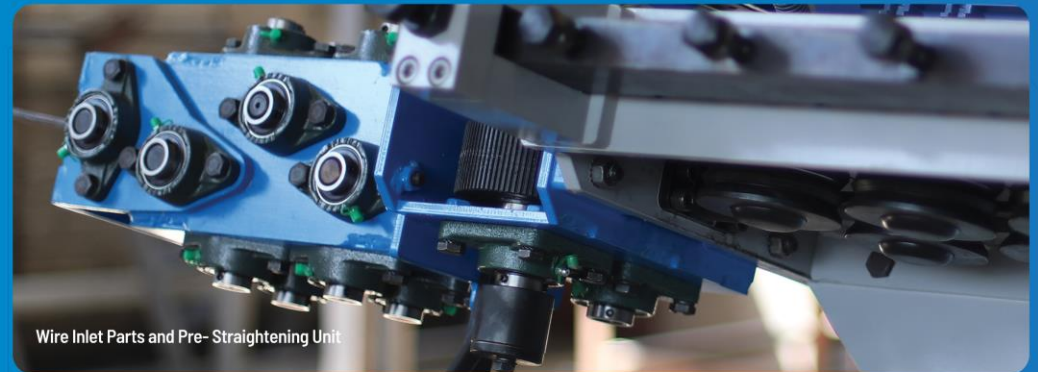
Control Panel



Cutting Gear Box



Servo Drivers



Wire Inlet Parts and Pre-Straightening Unit

WIRE MESH WELDING MACHINE HK 2400



TECHNICAL DETAILS

Model	HK-2400	
Works With Raw Material	Pre-Cut Bar	
Type of Wire For End Product	Cold Drawn Ribbed & Smooth	
Production Capacity	Min. &Max.	Φ 5 - 8 mm
Machine Speed		50-70 Stroke /min
Rated power	5.5Kw+2Kw+3Kw	
Transformers	150 KVA	
Transformers Units	8 units	
Total Transformers Units	8 x 150 KVA -1200 KVA	

Wire Mesh Width	2400mm (adjustable)
Wire Mesh Length	6000mm (adjustable)
Distance Between Cross Wires	100mm (min) - 250mm (adjustable)
Distance Between Longitudinal Wires	100mm (min)- 250mm (adjustable)
Driving Unit Servo Motor	5.5Kw
Cross Wire Servo Motor	2Kw
Thyristor Contactors	8 Thyristor contactors
Welding Control Card	8 Digital welding control

Gear Box Units	Industrial type gear box by EMPO
Welding Pistons	8 Pneumatic welding pistons
Compressor Needed	300lt/min
Working Pressure (Bar)	6-8Bar
Voltage	380V 50Hz 3 Phaze
Operator Panel Type	15" Touch LCD Panel
Wire Feeding For Cross Wire	Cross rods feeding automatically by the machine
Wire Feeding For Longitudinal Wire	Longitudinal rods feeding manually
HS CODE	85.15.80.11

Cooling Arrangement	The system will be colled by 17-20° C water at 1 bar and 90 lt/min flow rate	
Details	All process is under PLC controller, main driving motor and cross wire throwing motors are adjustable with servo drivers. In the welding process the current time and current can be changed .	
Size Of Mesh & Production Capacity For 8 Hours		
2.15m x 3.4m x 150 x 150mm x Φ6mm	800-1000Plate 20Kg/Imesh	
2.15m x 5m x 150 x 150mm x Φ6mm	800-850Plate 34Kg/Imesh	

WIRE DRAWING LINE

With Ribbing and Spooling Units

GTACHE 12



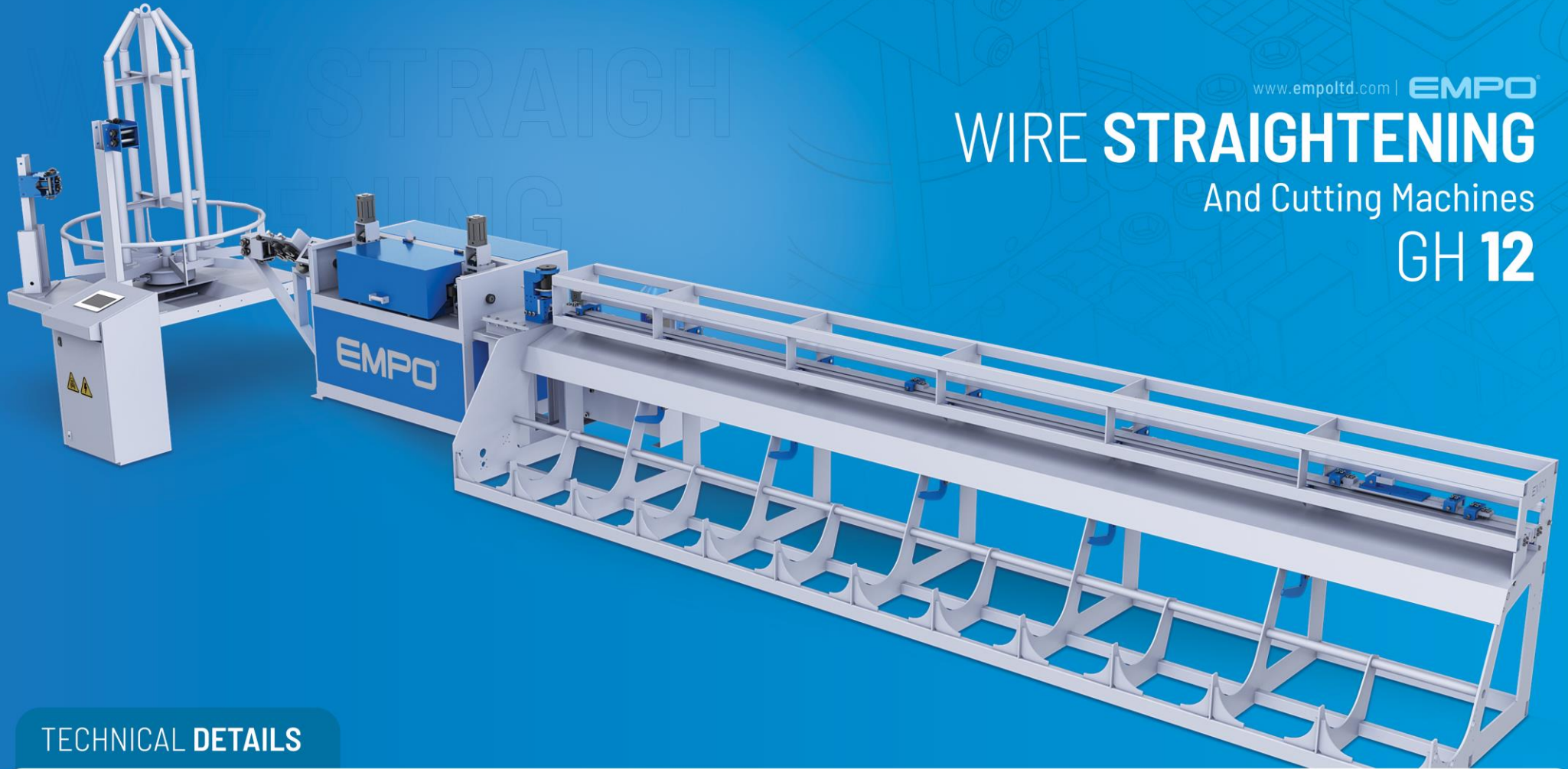
TECHNICAL DETAILS

Model	GTACHE-12		
Works with Raw Material	Coil (Low Carbon) sae 1006		
Type Of Wire For End Product	Ribbed & Smooth sae 1008 - sae 1010		
Type Of Wire	Smooth		Ribbed & Smooth
Max. Wire Inlet Diameter	Φ12 mm	Outlet dia	Φ10 mm
Max. Wire Inlet Diameter	Φ10mm	Outlet dia	Φ8mm
Max. Wire Inlet Diameter	Φ8 mm	Outlet dia	Φ6mm
Max. Wire Inlet Diameter	Φ6 mm	Outlet dia	Φ4mm
Rated Power	37Kw + 37Kw + 37Kw		
First Head Motor	37Kw		
Second Head Motor	37Kw		

Third Head Motor	37Kw
Spooler Motor	15Kw
Head Diameters	Φ600 mm
Captain Block	3 Heads
Motor Drivers	AC frequency inverter for 37-37-37Kw system will be controlled by touchless potentiometer with PLC control.
Spooler	15Kw AC frequency inverter controller
Spooler's Pulley Capacity	2000Kg Max.+ 2Units Pulley will be given with the machine
Cleaning Part	Phosphating treatment (optional)
Cooling Arrangement	Die Beds & Heads will be cooled by cold water from cooler tank

Ribbed & Crusher Disc Cassette	Adjustable for each diameters
Ribbed & Crusher Disc	Will be given with machine for 1 set with all components (bearings+holders)
Ribbed Disc & Crusher Disc Materials	65 Grade
Wire Diameter To Spool	Φ4 - Φ10mm (max.)
Gear Box Units	Industrial type gear box by EMPO
Descaling Units	Will be given with the machine for X&Y axes
Compressor Needed	300lt/min
Working Pressure (Bar)	1-6 Bar
Voltage	380V 50Hz 3Phaze
HS CODE	84.63.10.10

Operator Panel Type	Display with buttons
Machine Dimensions (WxLxH)	2000mm x 2000mm x 1500mm
Machine Weight	8000Kg
Gantry Tower (Coil Opener)	Will be given with the machine.
Details	Whole system is under PLC controller, main motor and spooler motors are adjustable with AC frequency inverters. All heads has abrasion resistance by helping special head alloy content and all heads annealed. The body is heavy duty steel constructed.



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WIRE STRAIGHTENING And Cutting Machines GH 12

TECHNICAL DETAILS

Model	GH-12		
Works With Raw Material	Coil		
Type Of Wire	Hot Rolled Wire / Cold Drawn Wire	Ribbed & Smooth	
Production Capacity	Φ6-Φ8-Φ10-Φ12mm		
Machine Speed	Min. & Max.	80m/min.	120m/min.
Driving Opportunity	Manual Forward and Backward		
Rated Power For 2 Motor	22Kw+7.5kw		
Main (Rotor) Motor	22Kw with inverter control		
Driving Gear Box Motor Power	7.5 Kw with inverter control		
Hydraulic Cutting Motor Power	5.5 Kw		
Straightening Technic	Rotor		

Measurement Technic	Limit Switched
Max.&Min. Cutting Length	1m-12m
Length Arrangement	Adjustable with operator
Length Tolerance	±1mm /12m
Driving Roller	Heat Treatment with Highest Quality Material
Pre-Straightening Unit	X and Y axis with rollers
Cutting Shear Unit	Hydraulic Cutting type by EMPO
Driving Gear Box Unit	Industrial type gear box by EMPO
Average Air Compressed Consumption	10lt/min
Average Electric Power Consumption	10-12Kw/h
Compressor Needed	200lt/min

Working Pressure (Bar)	8Bar
Voltage	380V 50Hz 3Phase
Electric Switches	Siemens
Operator Panel Type	Touch Panel 7"
Machine Dimensions (WxLxH)	1500mmx15000mmx1500mm
Machine Weight	3000 Kg
Additional Pay-Off (Coil Opener)	Pay-off (1Unit) which has 2 tons of loading capacity, will be given with the machine.
Details	System is under PLC controller, main motor & driving motors are adjustable with AC frequency converters. Machine speed and total product quantity will be monitored on HMI display.
HS CODE	84.62.29.98

No.	COMPONENTS	QUANTITY
1	Wire Pay Offs	1UNIT
2	Wire Pre-Straightening Roller Unit	1UNIT
	Rotor	1UNIT
	Hydraulic Cutting Unit	1UNIT
	Driving Gear Box	2UNITs
3	Control Console	1UNIT
4	User's Guide	1SET

AUTOMATIC REBAR SHEARLINE S 500



TECHNICAL DETAILS

Model:	S-500	SCOPE OF SUPPLY	
Cage Diameter	400mm-2000mm	Description	Quantity
Max. Cage Length	12m (or customized)	Complete Pay Off	1 Unit
Cage Weight	6000 KG	Longitudinal Bar Feeding And Reel Support Unit	1 Unit
Coil Bar Diameter	5-16mm	Fixed Standard Disc	1 Unit
Main Frame Bar Diameter	12-40mm	Movable Standard Disc	1 Unit
Hydraulic Pressure	10 Mpa	Cage Support Unit (With Hydraulic Device)	1 Unit
Rated Power	23 KW	Electric Cabinet And Control System	1 Unit
L*W*H	28000*8000*33000mm	Tools	1 Unit
Certification	ISO 9001:2008	Welding Machine	1 Unit
HS CODE	84.62.41.10	Steel Bar Spiral Bender	1 Unit
		User's Manual	1 Unit

CAGE WELDING MACHINE CWM 32



TECHNICAL DETAILS

Model:	CWM-32	Weight	12.000 Kg
Hydraulic Piston Motor Power	22 Kw	Length Of The Measurement Conveyor	12m
Hydraulic Piston Diameter	Ø500 mm	Roller Diameter Of The Measurement Conveyor	Ø 130
Strokes Per Minute	6-9	Motor Power Of The Conveyor	5 Kw
Length Of The Feeding Conveyor	12m	Bins (Double Side optional)	Triple
Roller Diameter Of The Feeding Conveyor	Ø130 mm	Air Pressure / Needed	8 bar
Length Between the Rollers	1000 mm	Cooling Arrangement Requirements	17-20 °C Cold Water
Bar Diameters	Ø12-26 Longitudinal Bars	Control	PLC + Digital Display
Spiral Coils	Ø8 - Ø10 - Ø12 mm		

AUTOMATIC REBAR SPIRAL MACHINE SP 12



MANUAL SPIRAL
MACHINE SPM 12

SP 12

SPM 12

Model	SP-12
Steel Grade	Up to 500 N/mm ²
Wire Diameters	Ø5- Ø12mm
Spiral Diameters	200mm (min)-1200mm(max.)
Pitch Range	0-200mm
Kick Of Length	3m
Speed Of Machine	90 m/min.
Cutting	Hydraulic
Dimension (LxWxH)	3500mmx2500mmx2000mm
Operating Voltage	380 V/ 50 Hz
Connected Load	20 KW
Average Power Consumption	10 KW
Main Fuse	63-80 A
HS CODE	84.63.30.00

Model	SPM-12
Steel Grade	Up to 570 N/mm ²
Wire Diameters	Ø5- Ø12mm
Spiral Diameters	200mm (min)-1000mm(max.)
Pitch Range	0-200mm
Kick of Length	3m
Speed Of Machine	40-90m/minutes
Cutting	Manual
Dimension (LxWxH)	3500mmx2500mmx2000mm
Operating Voltage	380 V/ 50 Hz
Connected Load	5.5 KW
HS CODE	84.63.30.00

WIRE MESH BENDING MACHINE HBM 360



WIRE MESH CUTTING
MACHINE HKM 360

HKM 360

HBM 360

Model	HKM-360
Maximum Cutting Width	3000mm
Maximum Cutting Capacity	Wire Mesh with Ø12mm Wire Mesh with Ø4mm
Cutting Speed	1 sec/1 wire
Dimensions (LxWxH)	3700x1100x900mm
Connected Load	4Kw
Cutting Height	80mm
Voltage	380V 50Hz

Model	HBM-360
Maximum Bending Width	3000mm
Maximum Bending Capacity	Wire Mesh with Ø12mm Wire Mesh with Ø4mm
Bending Speed	10 Stroke Minute
Dimensions (LxWxH)	3500x1000x1200mm
Connected Load	4Kw
Bending Height	900mm
Voltage	380V 50Hz

BENDERS & CUTTERS



Rebar Bending Machines

PRODUCT CODE	CAPACITY (mm)	WIDTH (mm)	WEIGHT (mm)	HEIGHT (mm)	WEIGHT (kg)	VOLTAJ (V)	POWER (kw/HP)	PACKAGE
B 50	Φ 52	950	1250	1000	600	380	5.5 / 7.37	1



Hydraulic Rebar Cutting Machines

PRODUCT CODE	CAPACITY (mm)	WIDTH (mm)	WEIGHT (mm)	HEIGHT (mm)	WEIGHT (kg)	VOLTAJ (V)	POWER (kw/HP)	PACKAGE	SPARE EDGES
H 50	Φ 52	800	1600	1000	800	380	7.5 / 10	1	80 x 80 x 30



Hydraulic Rebar Cutting Machines

PRODUCT CODE	CAPACITY (mm)	WIDTH (mm)	WEIGHT (mm)	HEIGHT (mm)	WEIGHT (kg)	VOLTAJ (V)	POWER (kw/HP)	PACKAGE	SPARE EDGES
H 42	Φ 42	700	1500	950	425 kg	380	5.5 / 7.5	1	80 x 80 x 25



Rebar Bending Machines

PRODUCT CODE	CAPACITY (mm)	WIDTH (mm)	WEIGHT (mm)	HEIGHT (mm)	WEIGHT (kg)	VOLTAJ (V)	POWER (kw/HP)	PACKAGE
B 42	Φ 45	950	1120	800	450	380	4 / 5.5	1



Rebar Bending Machines

PRODUCT CODE	CAPACITY (mm)	WIDTH (mm)	WEIGHT (mm)	HEIGHT (mm)	WEIGHT (kg)	VOLTAJ (V)	POWER (kw/HP)	PACKAGE
B 26	Φ 26	800	800	870	245	380	1.5 / 2	1
B 36	Φ 38	800	950	800	340	380	3/4	1



Hydraulic Rebar Cutting Machines

PRODUCT CODE	CAPACITY (mm)	WIDTH (mm)	WEIGHT (mm)	HEIGHT (mm)	WEIGHT (kg)	VOLTAJ (V)	POWER (kw/HP)	PACKAGE	SPARE EDGES
H 36	Φ 38	650	1500	900	320	380	4 / 5.5	1	80 x 80 x 25
H 26	Φ 26	500	1250	800	175	380	2.2 / 3	1	55 x 55 x 17



Portable Hydraulic Rebar Cutting Machines

PRODUCT CODE	CAPACITY (mm)	WIDTH (mm)	WEIGHT (mm)	HEIGHT (mm)	WEIGHT (kg)	VOLTAJ (V)	PACKAGE	SPARE EDGES
H 22	Φ 22	480	750	800	85	220	1	47 x 47 x 14
H 24	Φ 24	480	750	800	85	220	1	47 x 47 x 14
HS 18	Φ 18	500	300	480	65	220	1	32 x 32 x 12
HS 26	Φ 26	500	600	600	130	220	1	47 x 47 x 14



Rebar Bending Machines

PRODUCT CODE	CAPACITY (mm)	WIDTH (mm)	WEIGHT (mm)	HEIGHT (mm)	WEIGHT (kg)	VOLTAJ (V)	PACKAGE
B 24	Φ 24	580	630	430	125	220	1



Rebar Bending Machines

PRODUCT CODE	CAPACITY (mm)	WIDTH (mm)	WEIGHT (mm)	HEIGHT (mm)	WEIGHT (kg)	VOLTAJ (V)	PACKAGE
B 18	Φ 18	450	550	750	70	220	1
B 20	Φ 20	450	550	750	70	220	1



Gasoline Asphalt Concrete Cutting Machines

PRODUCT CODE	AK-15B
DIMENSIONS	620 x 920 x 1030 mm
WEIGHT	330 kg
POWER	13 HP
BLADE DIAMETER	320 - 450 mm
CUTTING DEPTH	150 mm
DRIVING	Manual
BLADE SINKING SYSTEM	Mechanical
WATER TANK	40 L
GASOLINE TANK	6.5 L
GASOLINE CONSUMPTION	3.5 L/Seat(Hour)



Profile Cutting Machines

PRODUCT CODE	ROTATION SP (rpm)	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WEIGHT (mm)	VOLTAJ (V)	POWER (kw/HP)
10 HP	2880	880	950	1250	225	380	7.5/10
5.5 HP	2880	650	780	1200	125	380	4.5/5
4 HP	2880	550	680	1150	100	220	3/4
3HP	2880	460	540	650	52	220	2.2/3

HAND TOOLS



Practical Stirrup Benders

PRODUCT CODE	CAPACITY (mm)	WEIGHT (mm)	WEIGHT	PACKAGE
12 PT	Φ 8-12	680	5 kg	4
16 PT	Φ 14-16	1200	7 kg	4



Bar Bending Bracket

PRODUCT CODE	CAPACITY (mm)	WEIGHT (mm)	WEIGHT	PACKAGE
18K0	Φ 16	330	7 kg	



Paving Stone Cutter

PRODUCT CODE	DESCRIPTION	LENGTH	WEIGHT (mm)	PACKAGE
KS1	With Handle	450	0.65 kg	
SI	Handle	450	0.18 kg	



Classical Stirrup Benders

PRODUCT CODE	CAPACITY (mm)	WEIGHT (mm)	WEIGHT	PACKAGE
10 E	Φ 10	560	3 kg	4
12 E	Φ 12	940	4 kg	4
14 EC	Φ 14	940	5 kg	4
4 B	Φ 8-12	940	5 kg	4



Rebar Cutters

PRODUCT CODE	CAPACITY (mm)	WEIGHT (mm)	WEIGHT	PACKAGE
16 M	18	20 kg	1	
22 M	22	20 kg	1	
26 M	26	35 kg	1	
28 M	28	45 kg	1	
32 M	32	60 kg	1	



Paving Stone Cutter

PRODUCT CODE	CAPACITY (mm)	LENGTH	WEIGHT (kg)	PACKAGE
40K	140 x 350	900	32	1



Chain Pipe Wrench

PRODUCT CODE	CAPACITY (mm)	WEIGHT (mm)	WEIGHT	PACKAGE
4 PW	Φ 4	940	6.5 kg	4
6 PW	Φ 6	1150	12.5 kg	4



Bar Bending Keys

PRODUCT CODE	CAPACITY (mm)	WEIGHT	WEIGHT (mm)	PACKAGE
10 A	Φ 10	710	0.9	10
12 A	Φ 12	760	1.6	10
14 A	Φ 14	880	1.8	10
16 A	Φ 16	940	2	10
18 A	Φ 18	1000	2.9	5
20 A	Φ 20	1100	3.2	5
22 A	Φ 22	1400	5.1	5
24 A	Φ 24	1450	5.5	5
26 A	Φ 26	1500	5.9	5
28 A	Φ 28	1500	11.5	5
30 A	Φ 30	1500	11.7	5
32 A	Φ 32	1500	12.00	5



Rebar Bending Tool

PRODUCT CODE	CAPACITY (mm)	WEIGHT (mm)	WEIGHT	PACKAGE
12 GA	Φ 12	800	1.5 kg	
16 GA	Φ 16	1000	3 kg	



Bolt Cutters

PRODUCT CODE	CAPACITY (mm)	LENGTH (mm)	WEIGHT (kg)	PACKAGE	
	50 kg (mm)	140 kg (mm)			
6 M	Φ 6	Φ 5	450	1.5	5
8 M	Φ 8	Φ 6	530	2	5
10 M	Φ 10	Φ 7	700	4	3
12 M	Φ 12	Φ 8	880	5	3
14 M	Φ 14	Φ 10	1050	8	2
16 M	Φ 16	Φ 12	1230	10	2



OUR PRODUCTS
HAVE QUALITY
CERTIFICATES

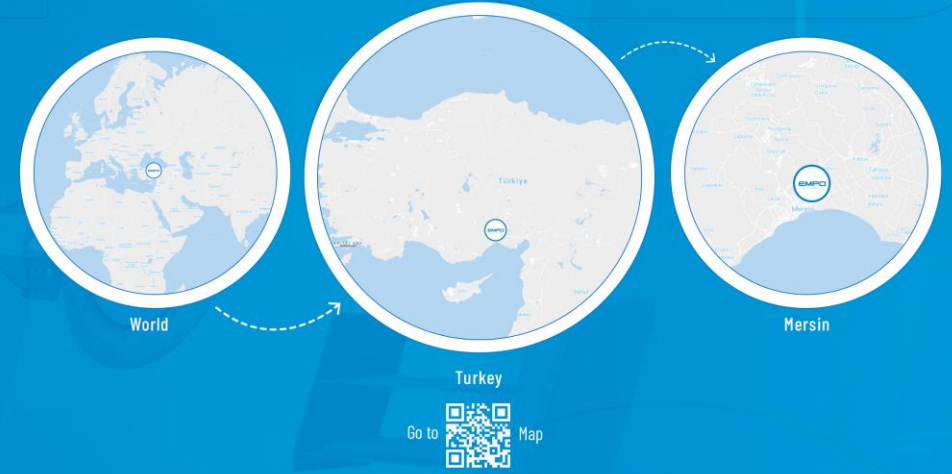
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9-LEMON GROUNDWORKS	ENGLAND
10-MEISER	GERMANY
11-ANTONIEH COMPNAY	LEBANON
12-ABINSK COMPANY	RUSSIA
13-BMC EQUIPMENT	IRELAND
14-AL ALLAIMI GROUP	QATAR
15-SULTAN STEEL SARL	LEBANON
16-FARHAT LTD.	ISRAEL
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