



About Us

Your Partner in Precision and Performance Revolutionize Your Production with Mega Machine's Robotic Automation Solutions At Mega Machine, we're dedicated to helping manufacturers streamline their production lines with advanced robotic automation .Since 2004, Mega Machine has been a trusted provider of top-tier solutions for small, medium, and large companies Through Its Office In Turkey. We supply an extensive range of metal cutting, bending, forming & Robotic Solutions.



Estun

Robotic Solutions

With our accumulated industry market experience, we can provide you with the best and more suitable products, services and solutions, which can be effectively applied to your industry and provide long-term and reliable guarantee for your investment.



ER220B-2650

LARGE LOAD SERIES MACHINE

- High rigidity fuselage with greater load
- Higher running beat and accuracy
- Stability of autonomous dynamics algorithm
- Long arm spread for more scenes

 Load range 220kg  Arm span 2650mm



INFORMATION OVERVIEW

Arm span:	2650mm
Repeat positioning accuracy:	±0.06mm
Maximum load:	220kg
Weight:	1120kg
Installation method:	Ground
Degree of protection:	IP54
Number of axes:	6 AXIS

TECHNICAL PARAMETER

RANGE OF MOTION	RANGE OF MOTION		MAXIMUM SPEED	MAXIMUM SPEED	
	AXIS	ANGLE		AXIS	SPEED
	1 AXIS	±180°		1 AXIS	120°/s
	2 AXIS	-60°~+80°		2 AXIS	95°/s
	3 AXIS	-95°~+80°		3 AXIS	95°/s
	4 AXIS	±200°		4 AXIS	160°/s
	5 AXIS	±125°		5 AXIS	150°/s
	6 AXIS	±360°		6 AXIS	200°/s



Motofil

Robotic Solutions

Elevate Your Industry with Motofil's Advanced Solutions Since 1981, Motofil has been dedicated to presenting ideal solutions tailored to the diverse needs of various industrial sectors. We have evolved to focus on developing robotic industrial solutions, expanding our expertise across multiple sectors.



Why Choose Motofil?

- Comprehensive Solutions: They offer a wide range of robotics, handling, automation, thermal cutting, and tooling solutions designed to enhance your operational efficiency.
- Global Presence: With delegations in Spain, Brazil, and Mexico, Motofil ensure close connections with their clients worldwide, providing faster and more effective support.



- Trusted Quality: Motofil's commitment to quality and customer trust has driven their rapid growth, solidifying their reputation in the industry.
- Strategic Partnerships: Collaborating with a global network of strategic partners allows Motofil to deliver high-quality solutions tailored to each market, boosting our clients' productivity.



Servo Press Brake

- %100 Pure electric power, with no oil.
- Up to %50 less energy consumption compared to a hydraulic press brake.
- Up to %35 faster compared to a hydraulic press brake.
- High efficiency and precision.
- High bending speed and less noise.
- Full bending length between side frames.
- Less maintenance cost.
- Eco friendly.
- Friendly user interface.
- Auto bending step calculation for STEP and DXF files.



Robotic Welding & Cutting solutions

Arc Welding

model	QINEO StarT 406
Welding output	20A/15V-400A/34V
Welding current 60% temporary load rate	400A
Welding current 100% temporary load rate	350A
working voltage	380V-400 V/3
Appearance dimensions	1270*765*960 mm



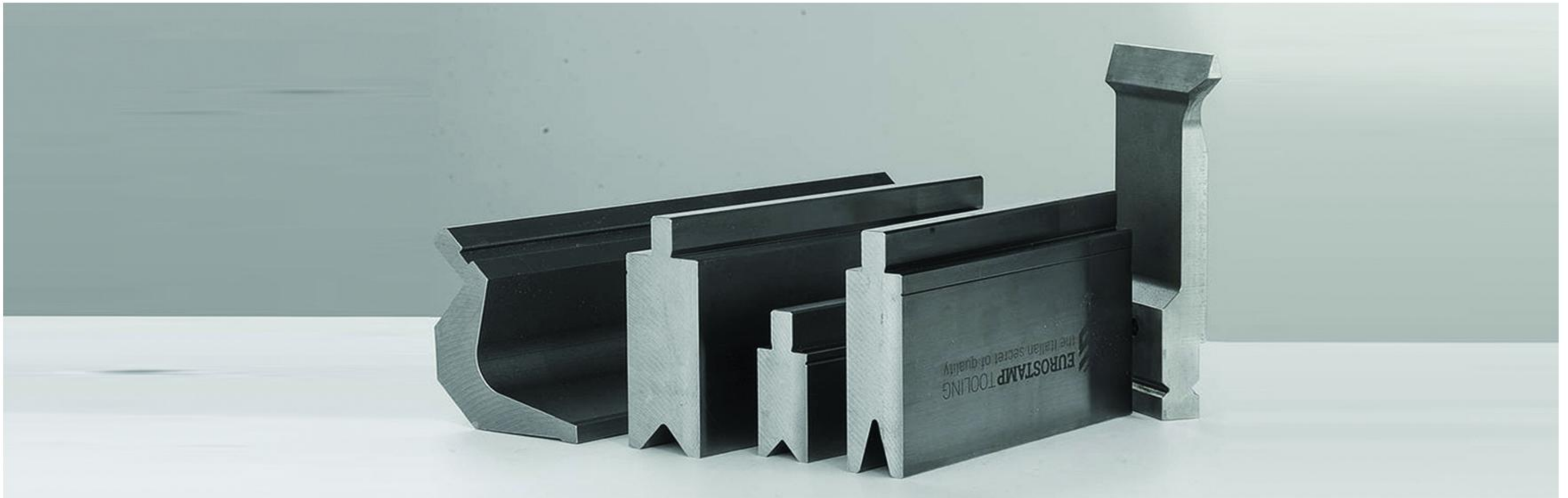
Laser Welding

model	RFL-C2000H
Rated output power	2000W
Working mode	Continuous/Modulation
Modulation frequency	1-5000Hz
Fiber core diameter	50µm
working voltage	220±10%VAC、50/60Hz
Appearance dimensions	1270*765*960 mm



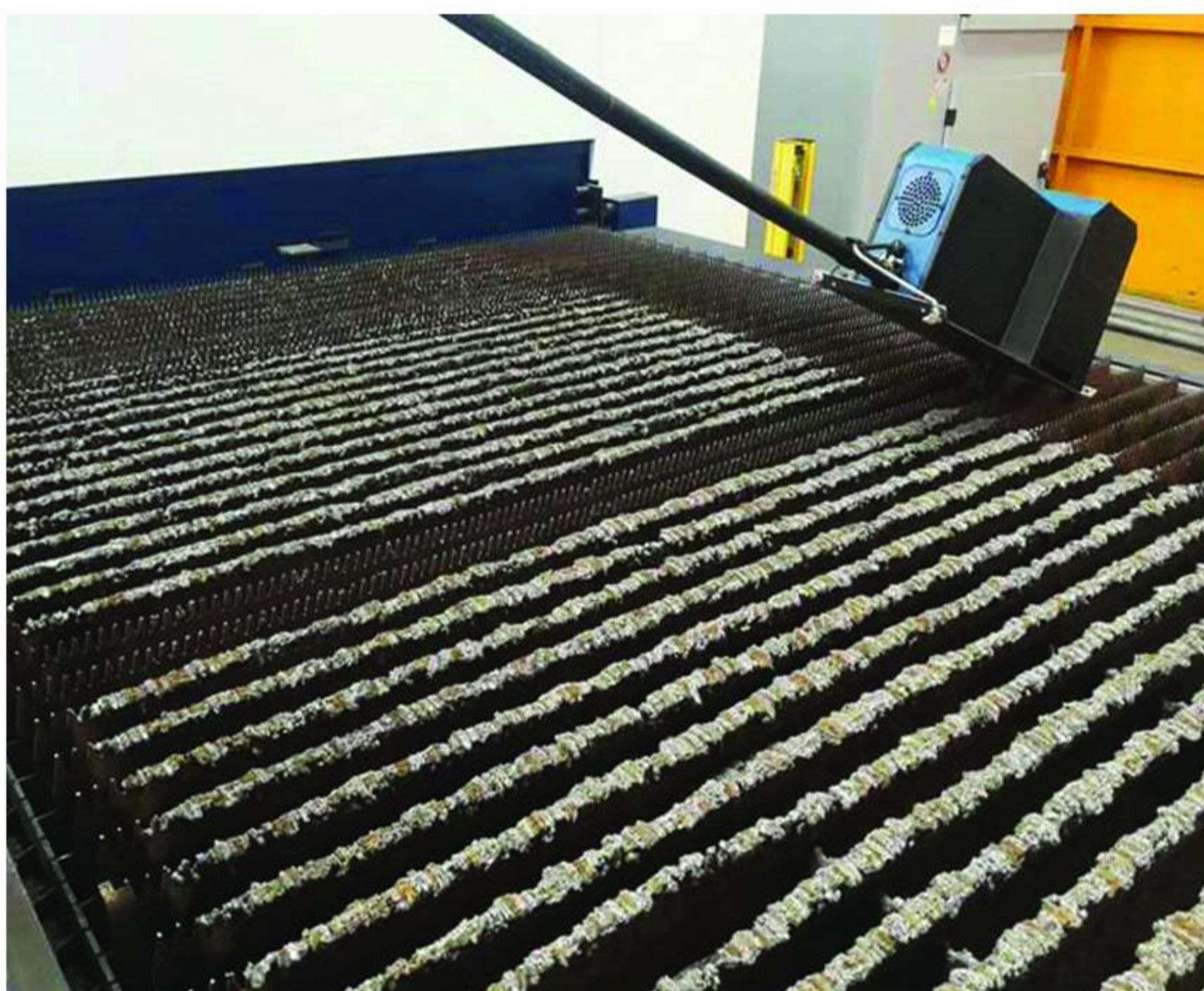
Tools And Spare Parts

Mega Machine Company, with sufficient knowledge and experience in machinery, ensures customer confidence in their purchases by providing the necessary original spare parts. Supply of various punch and die molds for press brake machines. Types of punch and die: sharp bend, gooseneck, radius, and standard.



SLAT EASY CLEANER

With the SLAT EASY CLEANER, you can clean your slats quickly and effortlessly. This ensures reliable, high-quality production of laser-cut components. The slats do not need to be removed for cleaning. This is practical and saves you time. It takes approximately 30 minutes to clean an entire standard size pallet of 60 x 120 in.



Strengths

- You will not need to replace usable grids
- The Puligrieglè contrasts and leans only on the grid that is being cleaned
- It can be easily pushed and does not ruin the grids if made of copper
- It has a small plate and related inserts
- Extremely robust
- Minimum maintenance
- The cutters are durable
- Puligrieglè weight 24 kg



Collaboration Estun Robotic Solutions

• **Innovative Technology:** From special robots for stamping and bending to high protection die-casting robots, ESTUN provides tailored solutions that elevate product quality and competitiveness. Comprehensive Solutions for the Entire Metalworking Process ESTUN offers end-to-end solutions, covering auto mated core production, parts handling, processing welding, die-casting, drilling, milling, plate bending, and subsequent processing. As leaders in robotics automation and Industry 4.0, we integrate digital technology and robotic products to deliver superior quality solutions.



S10-140 Pro

ESTUN CoDroid Collaborative robots

- Multiple security designs for comprehensive protection
- Standardization, customization, flexibility, and ease of use
- Excellent precision motion control performance
- Improve the quality system and achieve excellence in quality



Mechanical arm parameters

DOF	6
Payload (kg)	10
Reach of Arms(mm)	1400
Repeatability(mm)	0.03
DeadLoad (kg)	37
Torque Sensor - Accuracy (F.S)	<2%
Torque Sensor - Repeatability (F.S)	<0.1%
Safety	Adjustable collaborative drag mode and collision detection levels
Certification	EN ISO 13849-1 PLd Cat.3 & EN ISO 10218-1
IP Grade	IP54
Max.Speed at Tool End(m/s) ²	2.5
Working Range	J1/2/4/5/6: ±360°
	J3: ±160°
Max.Speed	J1/2/3: 150 °/s
	J4/5/6: 180 °/s
Mounting	Installation at any angle
Operating Temp.	0 – 50 °C
OperatingHumidity	70% RH
Flange Connector	ISO 9409-1-50-4-M6
Flange Communication	2 DI, 2DO, 24VDC, MODBUS RTU, RS485





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