

MECCANICA
Italy



CNC
MACHINERY SALES AUSTRALIA

Fabbrica Italiana
Macchine Utensili Portatili Multifunzione

from 1991

MADE IN ITALY



Over **25th**
1991 - 2016 • ANNIVERSARY
years of
"Excellence"





General Information

LEGAL CENTRE AND MANUFACTURING FACTORIES:

VIALE EUROPA, 37 - 88100 CATANZARO (Italy)

TAX IDENTIFICATION NUMBER AND VAT : IT 01814640791

REGISTRY OF FIRMS: N° 6115 TRIBUNALE DI CATANZARO

IMPORT / EXPORT: CZ001328

CHAMBER OF COMMERCE REGISTRATION : N° 140012

NATO CODE (ncage) : AFA74

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A FIRMLY ESTABLISHED STORY

Company Profile



With its over 20 year presence in the sector of systems and machine tools, Sir Meccanica has reached a prominent position in the world market for the production of portable multifunction machine tools, and is presenting new revolutionary techniques to carry out grinding work in the production and maintenance of internal and external cylindrical surfaces, in heavy and light metallic carpentry in the sectors of

earthmoving, building, agricultural, road constructions, industrial field, machines and plants linked to transport and energy, railway equipment, nuclear plants, mercantile and passenger ships, gas and petroleum extracting towers, military transport vehicles and mining equipment of any brand or size, making innovation, reliability, and qualified customer service its strong points.

These sectors are as much receptive as attentive and qualified in approving Sir Meccanica's primary aims, searching for suitable solutions to their needs and always oriented towards the synergy between efficiency and economy. The product lines, created and made inside the firm's workshops are compatible and open towards the most advanced technological standards. Sir Meccanica differs from the other industrial groups operating on the market because the firm is at the disposal of its own customers as a specialized centre of skill and experience in the sector. Thanks to technology and the ability to communicate with the customer, Sir Meccanica has already conquered the market in various continents and is striving for others in the future.

Vision

Sir Meccanica's business growth has been founded on the value of quality without any compromises. The focused investments in technology and human resources and a steady attention to the needs and the market's demands have allowed us to develop a specialized know-how that is at our customers' complete disposal. Expertise, technology and innovation mean higher quality of products and processes, thanks to computerized manufacturing and a steady supervision of a qualified staff. With enthusiasm, in all these years, we have been working to offer our best in terms of quality, reliability and innovation and with the same obstinacy we are enhancing the business, by creating systems that satisfy and overcome customers' expectations.



Productive Structure

The growing market demand of qualified products has already revolutionized, in all sectors, the production and marketing concepts.

The technical evolution in the productive field and specific management procedures are basic elements for the achievement of the goals of every firm that is collocated in a global market. These concepts tied to an entrepreneurial will, have traced a continuous development within **Sir meccanica SpA** that considers quality one of the main means for success, to the point of carrying out the entire productive cycle inside the firm. This philosophy is pursued by **SIR MECCANICA SpA** with big investments in machinery plants and staff training, confirming the standardization and production concept in series, which is necessary to attain the best quality-performance/price ratio and the consequent selling success in a fast growing market.

The production plant is located in the industrial area of Catanzaro (Italy), in a 4000 square metres area, equipped with the most advanced process technologies, among which welding and cutting centres and numerous CNC machines. The productive potentiality of the plant touches 1000 units per year and the result of the final product, constantly monitored by automated controls, is guaranteed by the quality of raw material that complies with the national and international laws.

The production activity and the **R&D** is developed through the commitment and cooperation of over 60 employees.

All the operations, ranging from planning to production, up to delivery, are taken care of and guaranteed by the efficiency of a specialized technical staff.

The achievement of the final product is the solid result of an accurate business organization system, structured in a way that can guarantee a careful and competent administration.



AN IMPORTANT GROWTH



Sir Meccanica, through the constant care of the details, has reached very high levels in terms of quality and safety for the final users that can benefit from reliable, safe and flawless products. We avail ourselves of the most modern and sophisticated equipment for the control of the dimensional and geometrical tolerances.

The instrumentation of the last generations and laser equipment guarantee an exact analysis of the surfaces and components. The information is gathered and transmitted to a PC which processes it through a specific software and returns the value of the analyzed tolerance, which can also be viewed graphically.

QUALITY IS A VOCATION...



Certifications

In order to guarantee to our market the best in terms of safety, quality and price we have decided to invest resources for the qualifications of our products and to obtain from the most prestigious certified organizations the acquisition of certifications and the protection of **international patents**.

UNI-EN-ISO 9001-2000 Certification, states the application of rigorous procedures in the business management process.

CE certification (N° IMQ 192) states products' conformity to the safety prerequisites foreseen by communitarian directives.

GOST Certification states the conformity of Sir Meccanica's products for the exportation to Russia.

Nato Code (NCAGE AFA 74) The consolidated experience and the numerous successes reached, have permitted Sir Meccanica to obtain the Nato Code (NCAGE AFA 74), becoming an official supplier of materials and services for the Government of the United States of America and of the American bases in Europe.

...LEADERSHIP IS THE RESULT

Advantages

BROAD FIELD OF APPLICATION.

Sir Meccanica's machine tools are extremely versatile; they can be used on any hole that needs to be repaired. Furthermore, the fact that they are portable, enlarges their working field.

NO TRANSPORTATION COSTS.

Thanks to the portable boring machines, the equipment that needs to be repaired (even the largest machine) must no longer be transported in a specialized workshop. Our boring machines work directly on the hole that has to be repaired, in a semi-automatic way and in any position.

WORKING TIME REDUCTION.

All Sir Meccanica's products are easy to use. Once you have set the machine on the hole that needs to be repaired, it does the work in a semi-automatic way, eliminating down time.

LABOUR COSTS REDUCTION.

Our machines have an excellent price/quality ratio. Their cost is amortizable in a short time and they can be used for repair and maintenance of all industrial machines.

SAFETY AND RELIABILITY OF THE PERFORMANCES.

The machine has an electronic control panel with a diagnostic display, that allows to monitor the entire process of the performance, allowing the person that is working on the machine to intervene promptly in case of a failure or an error.



ROW

BATTERY OPERATED

ROTARY WELDING MACHINE

ROW

2014

BATTERY OPERATED



ROTARY WELDING MACHINE

DRIVE UNIT CHARACTERISTICS

Minimum Welding diameter	50mm
Maximum Welding diameter	550mm
Welding type	MIG
Gear transmission	On a timing belt
Power supply	15 V cc
Max Absorbment	0,6 A (7,2W)
Weight	20Kg

BATTERY CHARACTERISTICS

Type battery	Li-Ion
Voltage	15 v
Capacity	6600 mAh
Lifetime	12 hours
Charger	58.5W

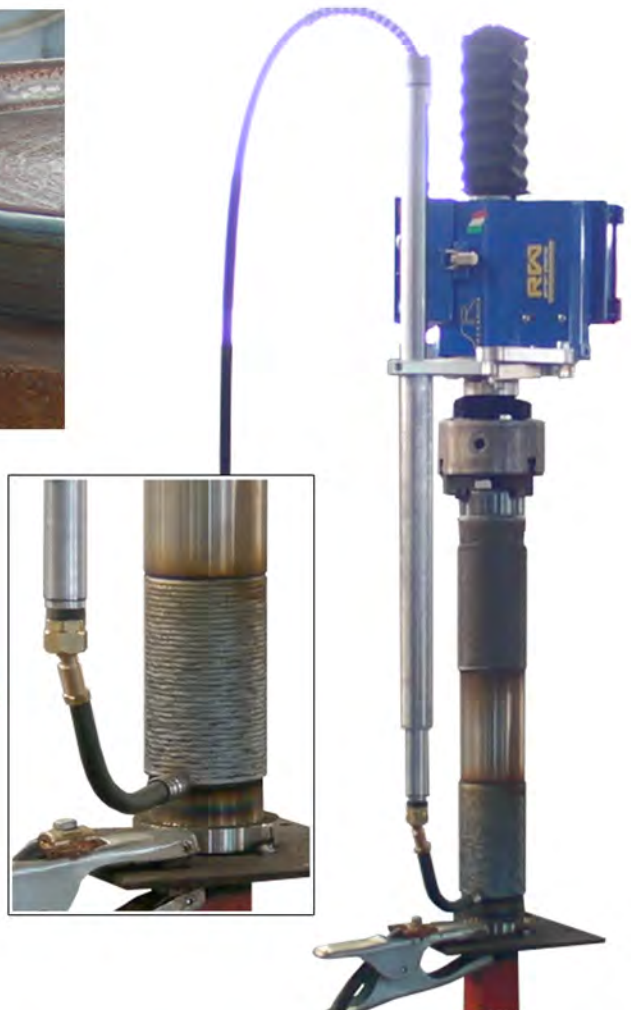
GEARMOTOR CHARACTERISTICS

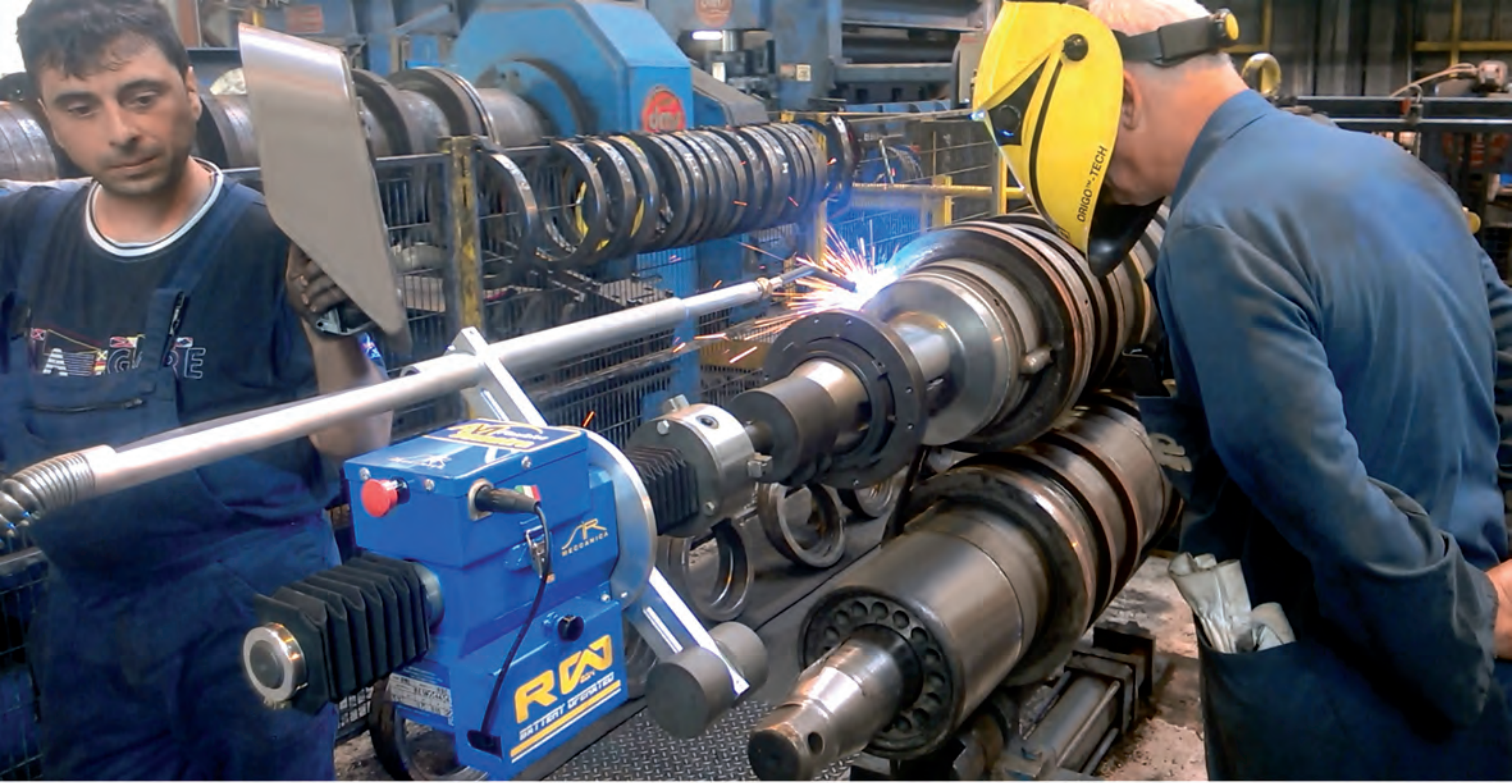
Gearmotor	12V cc
Maximum torque	300Ncm
Power	0,54 A
Speed	8,5 Rpm

EXTERNAL OVERLAY WELDING

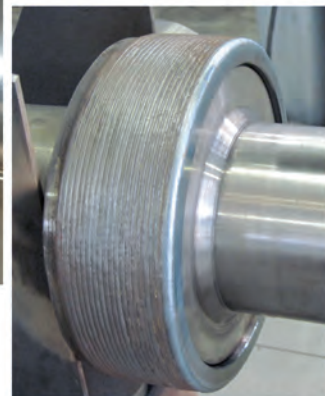
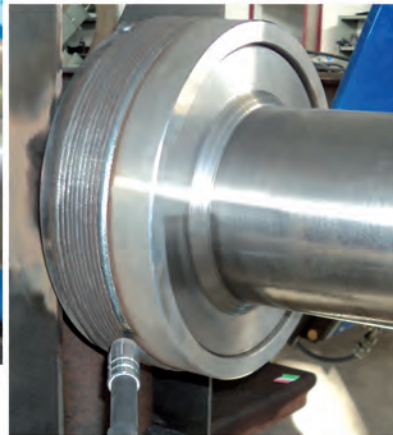


THE BEST SOLUTION
FOR EXTERNAL
OVERLAY WELDING





THE ACCURACY OF
THE RESULTS



NO LIMITS TO YOUR NEEDS



Rotary Welding

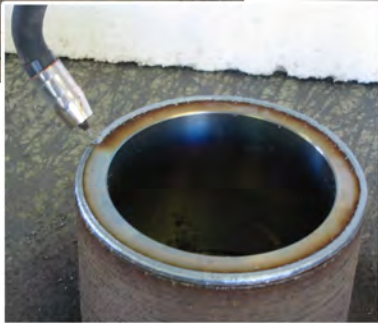
Rotary Welding

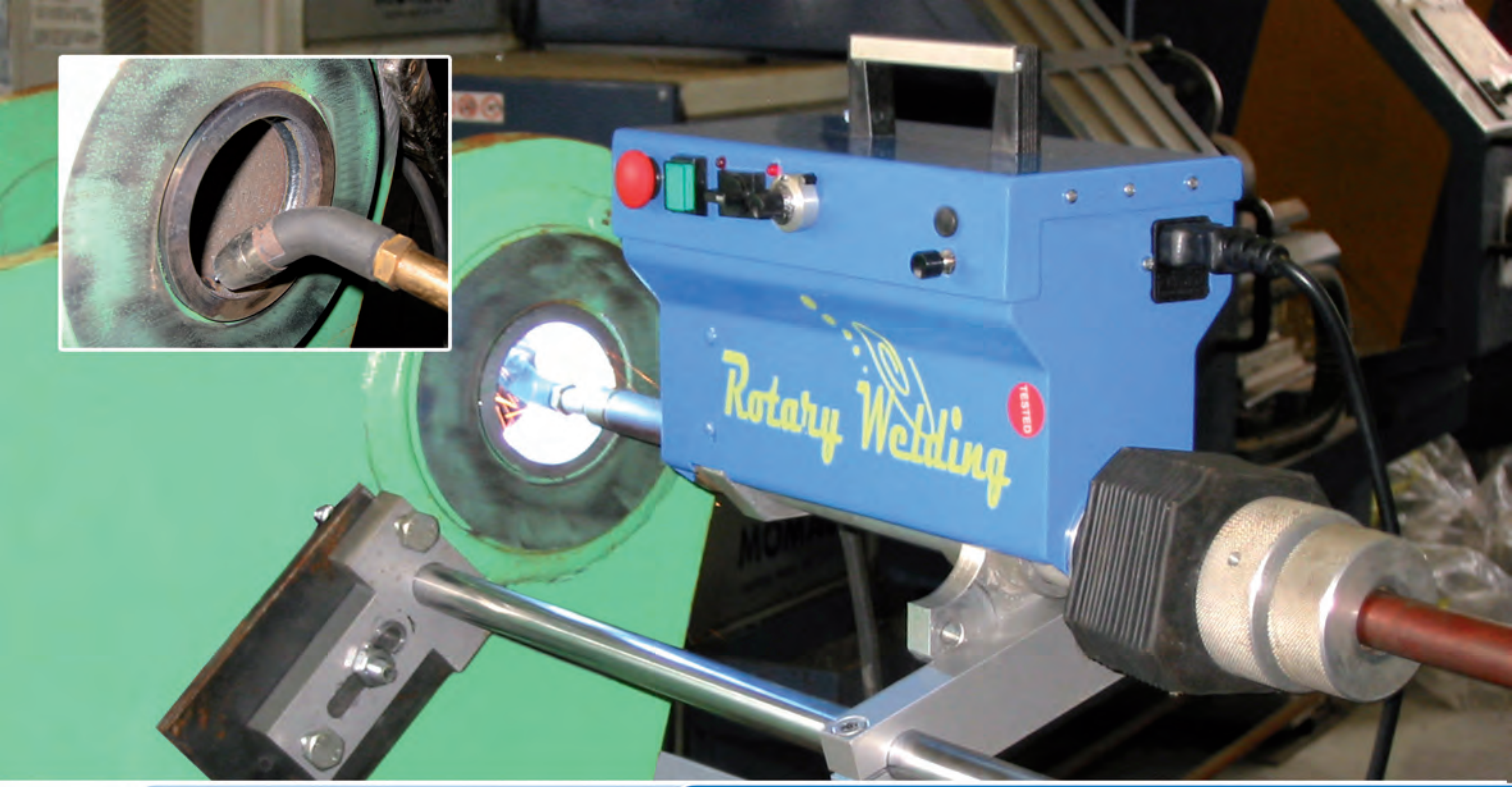


DRIVE UNIT CHARACTERISTICS

WELDING DIAMETER	mm	25 - 400 (0,98" - 15,75")
WELDING TECHNOLOGY		SPIRAL (CONTINUOUS)
LONGITUDINAL STROKE		UNLIMITED WITH STEP OF 220 mm (7,87 in)
MOTOR	W	45
FEED SYSTEM		ELECTRIC-MECHANICAL
FEED RATE	mm/rpm	3 (0 - 0,11 in / rev)
MAX ROTATION SPEED	rpm	44
DRIVE UNIT WEIGHT	kg	4
TOTAL WEIGHT (INCL. BOX)	kg	8

EXTERNAL OVERLAY WELDING







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