

www.remalsrl.com



Mechanical and electromechanical constructions
Costruzioni meccaniche ed elettromeccaniche



COMPANY PROFILE

Remal has been manufacturing mechanical and electromechanical products and has over 40 years' experience in this sector.

The company started out in the field of welding, but progressively increased its expertise to include technologically advanced systems capable of satisfying a wide range of production requirements.

The corporate development and progress allowed to materialize, in 1991, the new production headquarter covering 7000 sqm., of which 4200 indoor. It has a large fleet of tool machines and control instrumentation.

Remal can rely on a highly experienced and skilled staff.

It has been certified ISO 9001:2008 by CISQ/RINA.

Thanks to our flexibility and expertise, we offer an experienced design and production service in the end user's best interest.

Our manufacturing range over a wide variety of sectors, like telecommunications, energy sector, rail transport, machine tools.

Remal provides an integrative and complementary service for bigger industrial complexes, thus lightening the organizational load of their production activities.

RINA
www.rina.org

CERTIFICATO N. 13815/05/S
CERTIFICATE No. 13815/05/S

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
IT IS HEREBY CERTIFIED THAT THE QUALITY MANAGEMENT SYSTEM OF

REMAL S.R.L.

VIA GIOVANNI XXIII° 112 21015 LONATE POZZOLO (VA) ITALIA

NELLE SEGUENTI UNITÀ OPERATIVE / IN THE FOLLOWING OPERATIONAL UNITS

VIA GIOVANNI XXIII° 112 21015 LONATE POZZOLO (VA) ITALIA

È CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD
ISO 9001:2008

PER I SEGUENTI CAMPI DI ATTIVITÀ / FOR THE FOLLOWING FIELDS OF ACTIVITIES

PRODUZIONE DI COMPONENTI MECCANICI ED ELETTROMECCANICI E DI MANUFATTI DI CARPENTERIA
LEGGERA SU SPECIFICA DEL CLIENTE

MANUFACTURE OF MECHANICAL AND ELECTROMECHANICAL COMPONENTS AND LIGHT STEEL STRUCTURAL
WORKS ACCORDING TO CUSTOMER SPECIFICATIONS

La validità del presente certificato è subordinata al mantenimento puntuale e continuo del sistema di gestione per la qualità.
The validity of this certificate is subordinate to the proper and continuous maintenance of the quality management system.
L'uso del presente certificato non esige né implica alcun tipo di assicurazione. Resta ferma la responsabilità del titolare del certificato.
The use of this certificate does not require nor imply any kind of insurance. Responsibility for the certificate remains with the holder.

Dir. Roberto Cavanna
(Direttore della Divisione Certificazioni)

Roberto Cavanna

RINA Services S.p.A.
Via Cavotta 12 - 20139 - Genova (GE)

ACCREDITED
ACCREDITED TO THE ISO 9001:2008 STANDARD
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CISQ
CISQ is a member of
IG Net
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IG Net
CISQ is a member of
IG Net



I NOSTRI PRODOTTI

Tra i prodotti e i servizi che la Remal è in grado di offrire si evidenziano:

- Esecuzione di commesse con fornitura di materiale in commercio o speciale;
- Saldature TIG-MIG, Plasma, bassa temperatura e filo continuo su tutte le leghe (con certificazione saldatura);
- Lavorazioni CNC con torni e centri di lavoro 3/5 assi a partire da \varnothing 1 mm su acciaio, inox, ottone, rame, alluminio;
- Carpenteria leggera;
- Assemblaggio di parti meccaniche.

Remal svolge tutte le fasi di lavorazione delle commesse, dal disegno del cliente al prodotto finale; può eseguire sia operazioni su larga scala (fino a 10/15.000 pezzi), che produzioni di piccola serie con tolleranze centesimali.

Grazie alla collaborazione di lunga data con affidabili sub-fornitori, l'azienda può anche soddisfare le richieste di trattamenti termici e galvanici (zincatura, argentatura, stagnatura, ecc.) ed è inoltre in grado di fornire certificati di analisi chimica e test meccanici.



OUR PRODUCTS

Nowadays we can offer our clients:

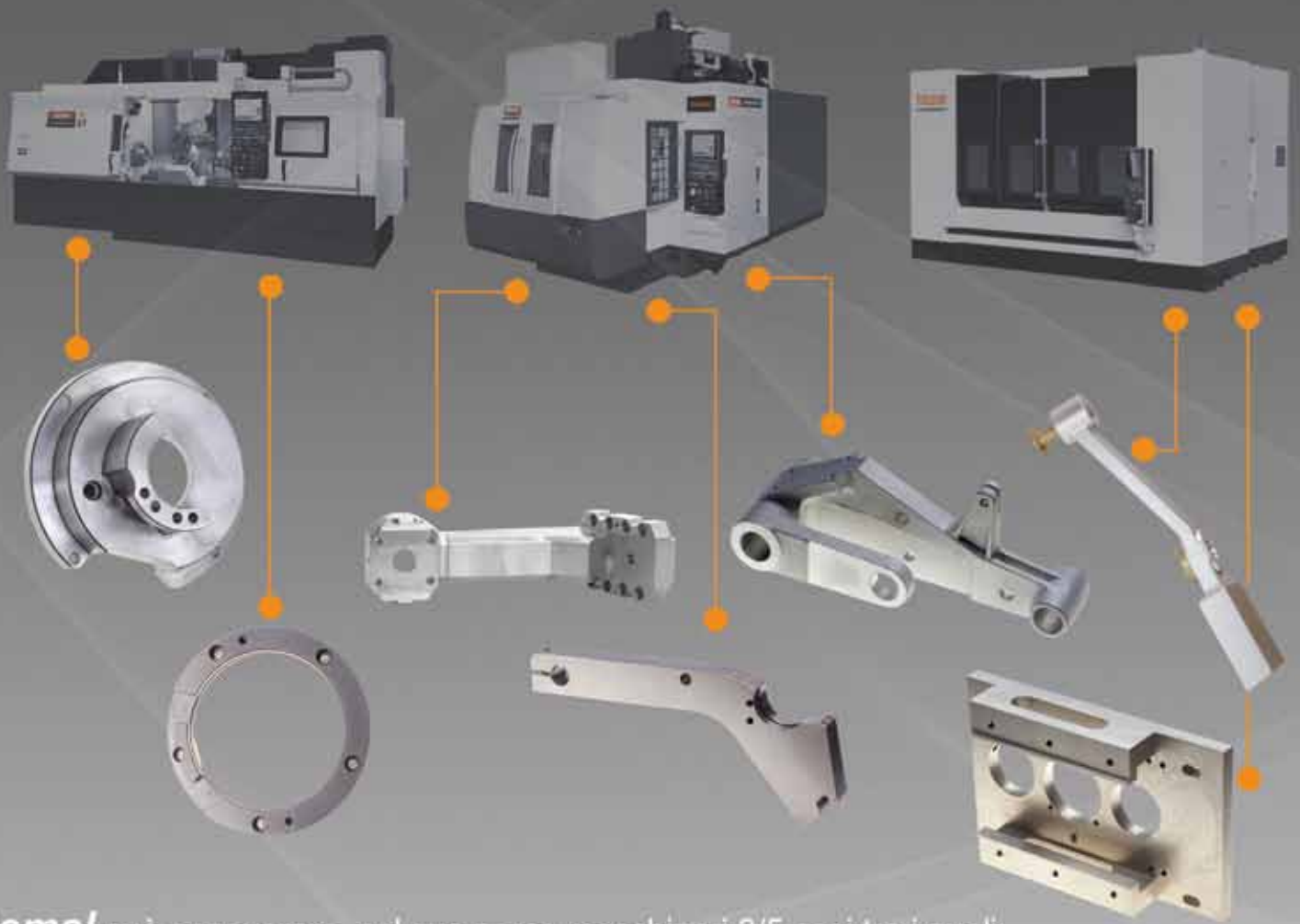
- Carrying out clients' order either with their own raw material or with ours;
- parts welded by the Tig-Mig and Plasma system on all alloys;
- from Ø 1 mm. up turning, milling, drilling and a variety of machining on multi-axis CNC centres;
- light metal-work like bending and rolling;
- assembly of mechanical parts.

Remal carries out all phases of the orders working from the client's own drawing to the final product and has the equal capability to perform large scale tasks (10/15000 parts) or to take care of minute details involving centesimal tolerances.

Thanks to the co-operation of several subcontracting suppliers Remal can also satisfy request for heat treatments and electroplating (zinc-plating, silver-plating, tin-plating etc.), in addition to give certificates of chemical analysis and mechanical testing.



LA NOSTRA TECNOLOGIA

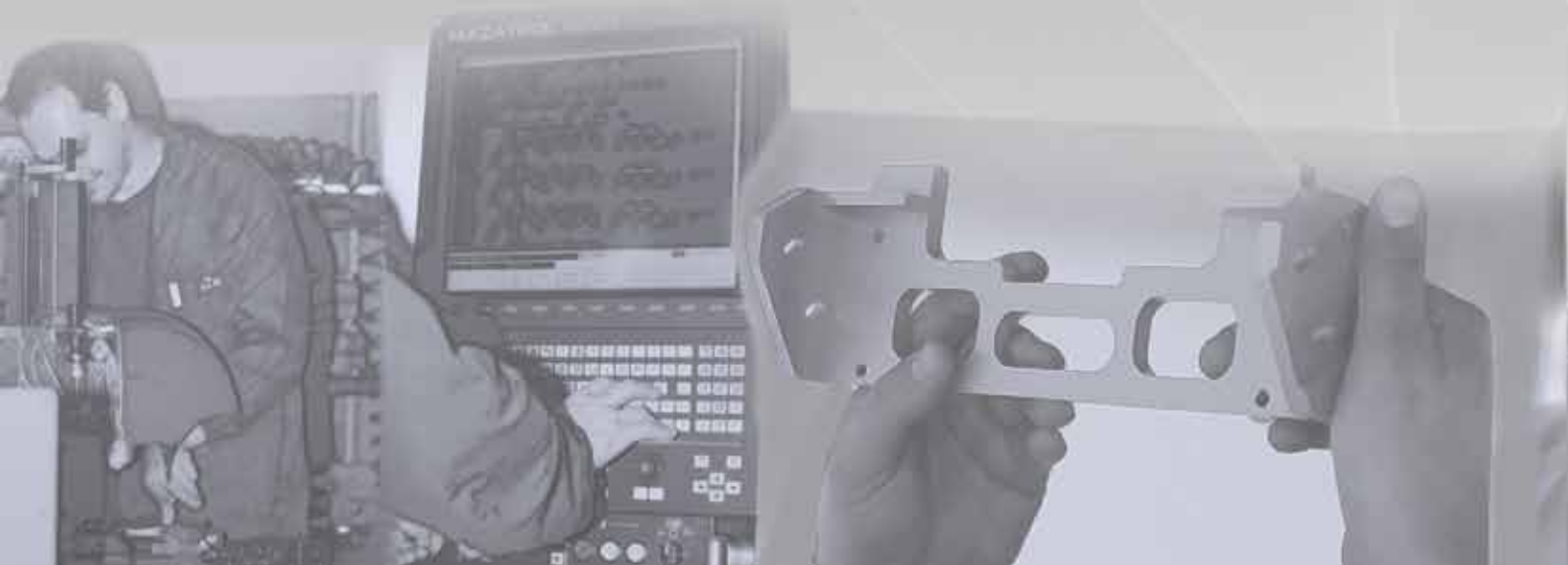


Remal può annoverare nel suo parco macchinari 3/5 assi tra i quali:

Remal can number among its most important machines various 3/5 axis multitasking centers like :

- Mazak VTC 800/30
- Mazak VTC 800/20
- Mazak Integrex IV Series 200
- Mazak Variaxis 630- 12 pallets

Controllo Qualità/Quality system with:
Mitutoyo Crista Plus W574 Measuring Machine



OUR TECHNOLOGY

SALDATURA/WELDING

Remal gode di un reparto saldature diversificato e flessibile che le permette di produrre svariate tipologie di prodotti assemblati.

Remal has over 30 years experience in the welding sector, starting with specialized welding and gradually realizing a flexible and various welding department, which allows for the assembly of different particulars.

Remal can offer different kinds of welding such as:

Gas tungsten arc welding- tig

Gas metal arc welding –mig

Oxifuel gas welding

Plasma arc welding

All the above can be welded on all alloys such as:

Steel

Stainless steel

Brass

Copper

aluminium



MISURAZIONE/MEASUREMENT

Remal dispone di una strumentazione di misura in grado di soddisfare a pieno le esigenze del cliente.

Remal has at its disposal effective tridimensional precision measuring instruments, capable to fully satisfying its customers' requirements:

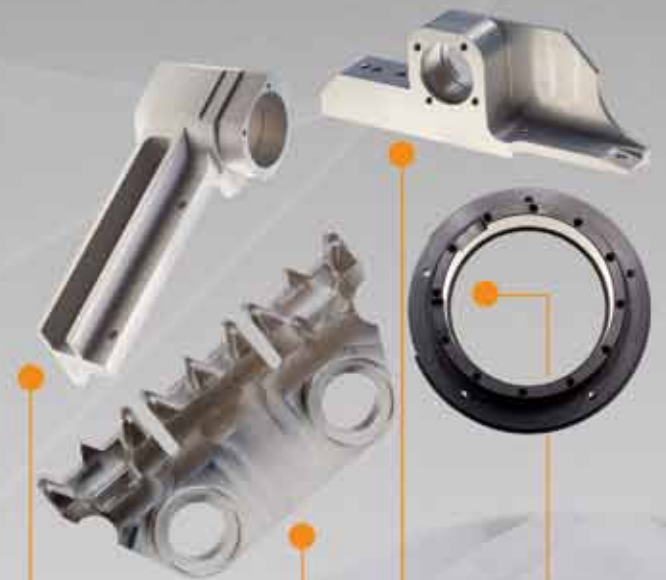
-Tridimensional Mitutoyo Crysta-Plus machine M574 – 500x700x400

-Trimos Altimeter V600 plus

-MITUTOYO HARD TESTER

-ROUGHNESS HRB-HRC TESTER

-MEGA-CHECK coating thickness tester for electroplated surfaces



LISTA MACCHINARI- MACCHINERY LIST

- MULTITASKING MACHINE MAZAK INTEGRIX IV SERIES 200 – 5 AXIS – WORKING CAPABILITY 660X995 - WITH LNS BAR FEEDER –
- MULTITASKING MACHINE MAZAK VARIAXIS 630- 5 AXIS WITH N.12 PALLETS–MILLING SPINDLE SPEED 12000 rpm
- VERTICAL MACHINING CENTER MAZAK VTC 800/30 – 5 AXIS WORKING CAPABILITY 3000X800 SPINDLE SPEED 18000 rpm
- VERTICAL MACHINING CENTER MAZAK VTC 800/20 – 5 AXIS WORKING CAPABILITY 2000X800X800 SPINDLE SPEED 18000 rpm
- TWO VERTICAL MACHINING CENTERS VTC 300C – 3 AXIS – WORKING CAPABILITY MM. 1740 X 760 X 660 – SPINDLE SPEED 12000 rpm
- VERTICAL MACHINING CENTER DAEWOO V500 – 3 AXIS WORKING CAPABILITY MM .1000X600X600 – SPINDLE SPEED 10000 rpm
- VERTICAL MACHINING CENTER BRIDGEPORT VMC 1000/30 – 3 AXIS – WORKING CAPABILITY MM 510X1000X500 – SPINDLE SPEED 6000 rpm
- DAEWOO PUMA 250 CNC LATHE WORKING CAPABILITY 350X1300
- CITIZEN L16N CNC LATHE WITH SLIDING HEAD AND BAR FEEDER WORKING CAPABILITY DIAMETER 16 MM
- BIGLIA CNC LATHE WORKING CAPABILITY MM 180X300 OR WITH BAR FEEDER TILL DIAMETER 65 MM.
- VERTICAL GRINDING MACHINE
- LATHES - CAPABILITY MM 600X1500
- DEBER UNIVERSAL F180 MILLING MACHINE–WORKING CAPABILITY 1300MM

MECHANICAL EQUIPMENT

- N. TWO KITAGAWA MECHANICAL DIVIDING HEAD – TAILSTOCK HEIGHT 180 MM
- ELBO PRESETTING E238

METALWORKING

- WELDING MACHINES SUCH AS :
 - OXYFUEL GAS WELDING
 - TIG-MIG ARC WELDING
 - PLASMA ARC WELDING
- AUTOMATIC BANDSAWS
- CUT OFF SAW MIRAGE 600 WITH UP FEED BLADE
- VIMERCATI PRESS BRAKE WORKING CAPABILITY 1550X20
- MECHANICAL PRESSES
- VIMERCATI HYDRAULIC SHEAR WORKING CAPABILITY 2050X3X250
- HYLLUS BENDING MACHINE WORKING CAPABILITY 1550X20

SOFTWARE

- MAZAK CAD – CAM CAMWARE
- OPEN MIND 5 AXIS CAD – CAM

QUALITY SYSTEM

- MITUTOYO CRYSTA PLUS M 574 MEASURING MACHINE WORKING CAPABILITY 500X700X400

