



## Production programme

# Metal Work in Italy

Headquarter - Via Segni, 5-7-9  
25062 - Concesio BS Italy  
Tel. 030 21 87 11  
metalwork@metalwork.it - www.metalwork.it



# Metal Work worldwide



## Authorized Dealers

### BARI

Metal Work Service S.r.l.  
info.ba@metalworkservice.com

### BERGAMO

Metal Work Service S.r.l.  
info.bg@metalworkservice.com

### BOLOGNA

Metal Work Service S.r.l.  
info.bo@metalworkservice.com

### BRESCIA

Metal Work Service S.r.l.  
info.bs@metalworkservice.com

### CREMONA

Metal Work Service S.r.l.  
info.cr@metalworkservice.com

### LECCO

Metal Work Service S.r.l.  
info.lc@metalworkservice.com

### FILIALE DI VARESE

Metal Work Service S.r.l.  
info.va@metalworkservice.com

### MANTOVA

Metal Work Service S.r.l.  
info.mn@metalworkservice.com

### MODENA

Metal Work Service S.r.l.  
info.mo@metalworkservice.com

### MONZA BRIANZA

Metal Work Service S.r.l.  
info.mi@metalworkservice.com

### NOVARA

Metal Work Service S.r.l.  
info.no@metalworkservice.com

### PARMA

Metal Work Service S.r.l.  
info.pr@metalworkservice.com

### PRATO

Metal Work Service S.r.l.  
info.po@metalworkservice.com

### RIMINI

Metal Work Service S.r.l.  
info.rm@metalworkservice.com

### TORINO

Metal Work Service S.r.l.  
metalwto@metalworkservice.com

### TREVISO

Metal Work Service S.r.l.  
info.tv@metalworkservice.com

### VERONA

Metal Work Service S.r.l.  
info.vr@metalworkservice.com

### VICENZA

Metal Work Service S.r.l.  
info.vi@metalworkservice.com

### North

#### PADOVA

ATI Compressori S.r.l.  
info@aticompressori.it  
aticompressori.it

### Centre

#### FROSINONE

R.C.A. S.r.l.  
info@rcafrosinone.it  
rcafrosinone.it

#### LATINA

Atilsystem S.r.l.  
info@atilsystem.com  
atilsystem.com

#### MACERATA

Torresi Raffaele & C S.r.l.  
info@torresiraffaele.it  
torresiraffaele.it

### South

#### AVELLINO

A.R.A. S.a.s.  
di C. Argenziano & C.  
info@aratorniture.it  
aratorniture.it

#### NAPOLI

Oleodinamica e Pneumatica  
Ardolino S.r.l.  
opardolino@gmail.com  
R.C.P. Service S.r.l.  
info@rcpservicesrl.it  
rcpservicesrl.it

### Europe

#### BELGIUM

Metal Work België/Belgique  
metalwork@metalwork.be  
metalwork.be

#### CZECH REPUBLIC

Metal Work Pneumatic CZ, s.r.o.  
info@metalwork.cz  
metalwork.cz

#### DENMARK

Metal Work Danmark A/S  
metalwork@metalwork.dk  
metalwork.dk

#### FINLAND

Metal Work Finland OY  
metalwork@metalwork.fi  
metalwork.fi

#### FRANCE

Metal Work France SAS  
info@metalwork.fr  
metalwork.fr

#### GERMANY

Metal Work Deutschland GmbH  
GERMAN OFFICE  
metalwork@metalwork.de  
metalwork.de

#### AUSTRIAN OFFICE

metalwork@metalwork.at  
metalwork.at

#### HOLLAND

Metal Work Nederland B.V.  
metalwork@metalwork.nl  
metalwork.nl

#### POLAND

Metal Work Polska Sp. z o.o.  
metalwork@metalwork.pl  
metalwork.pl

#### PORTUGAL

Metal Work Portugal Lda  
metalwork.eu

#### ROMANIA

Metal Work Pneumatic S.r.l.  
metalwork@metalworkpneumatic.ro  
metalworkpneumatic.ro

#### RUSSIA

OOO Metal Work Pneumatic  
info@metalworkpneumatic.ru  
metalworkpneumatic.ru

#### SPAIN

Metal Work Iberica S.A.  
metalwork@metalwork.es  
metalwork.es

#### SWEDEN

Metal Work Sverige AB  
metalwork@metalwork.se  
metalwork.se

#### SWITZERLAND

Metal Work Pneumatik GmbH  
metalwork@metalwork.ch  
metalwork.ch

#### UK

Metal Work UK Ltd  
sales@metalwork.co.uk  
metalwork.co.uk

#### UKRAINE

Metal Work Ukraine TOV  
metalwork@metalwork.ua  
metalwork.ua

### Africa

#### SOUTH AFRICA

Metal Work Pneumatic  
South Africa (Pty) Ltd  
metalwork@metalworkpneumatic.co.za  
metalworkpneumatic.co.za

### Americas

#### BRAZIL

Metal Work Pneumática  
do Brasil Ltda  
metalwork@metalwork.com.br  
metalwork.com.br

#### USA

Metal Work Pneumatic USA, Inc.  
metalwork@metalwork.org  
metalwork.org

### Asia/Oceania

#### AUSTRALIA

Metal Work Pneumatic  
AUSTRALIA Pty Limited  
vicsales@metalwork.com.au  
metalwork.com.au

#### CHINA

Metal Work Pneumatic  
Components (Shanghai) Co., Ltd.  
info@metalworkchina.cn  
metalworkchina.cn

#### INDIA

Metal Work Pneumatic  
India Private Limited  
sales@metalwork.in  
metalwork.in

#### INDONESIA

PT. Metal Work Pneumatic  
(INDONESIA)  
sales.admin@metalwork.id  
metalwork.id

#### MALAYSIA

Metal Work Pneumatic  
(Malaysia) Sdn. Bhd. (439984-V)  
metalwork@metalworkmal.com  
metalwork.my

#### SINGAPORE

Metal Work Pneumatic Pte. Ltd.  
keithlim@metalwork.sg  
metalwork.sg

#### THAILAND

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(Thailand) Co. Ltd  
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#### VIETNAM

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Vietnam Company Limited  
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metalworkpneumatic.vn

## Authorized Dealers

### Europe

#### BULGARIA

Ka Matic Ltd.  
info@kamatic.com  
kamatic.com

#### CYPRUS

Andrew Chr. - Demetriades Ltd.  
a.c.demetriades@cablenet.com.cy

#### GREECE

Airblock Ltd  
info@airblock.gr  
airblock.gr

#### UNITAIR

Unitair Ltd  
supplies@unitair.gr  
unitair.gr

#### HUNGARY

ENTRA-SYS Kft.  
entra-sys@entra-sys.hu  
www.entra-sys.hu

#### IRELAND

Pneumatics Ltd  
sales@flomax.ie  
flomax.ie

#### NORWAY

Servi AS  
post@pmcservi.no  
servi.no

#### REPUBLIC OF MACEDONIA

DEVIT TECH Skopje  
info@devit.com.mk

#### SERBIA

Shift Pneumatika Doo  
office@shiftpneumatika.rs  
shiftpneumatika.rs

#### SLOVENIA AND CROATIA

Tio Pnevmatika d.o.o.  
info@tio-pnevmatika.si  
tio-pnevmatika.si

#### TURKEY

HPA Teknoloji Geliştirme Ltd.Şti.  
info@hpa.com.tr  
hpa.com.tr

### Africa

#### EGYPT

Hydrotech S.A.E  
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hydrotechegypt.com

#### MOROCCO

Sofimed S.a.r.l.  
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#### TUNISIA

C2A Industrials  
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### Americas

#### MESSICO

Herzager Pneumatics S.A. de C.V.  
ventas@herzager.com  
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### Asia/Oceania

#### IRAN

Era Feat Sanaat Qeshm  
Trading Co  
info@erafeatco.com  
erafeatco.com

#### ISRAEL

R.e.p. Automation Ltd  
rep@repac.co.il  
repac.co.il

#### KINGDOM OF SAUDI ARABIA

Bariq Al Emdadat  
Trading Company  
info@bariqarabia.com  
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#### SOUTH KOREA

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seowoncorp.com

#### TAIWAN

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#### UNITED ARAB EMIRATES

ACME Industrial Hardware  
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pneumatics@acme-world.com  
acme-world.com

# Metal Work.

## Leader in pneumatic automation.

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Metal Work was set up in 1967 for the production of push-in fittings for compressed air systems. The company gradually extended its production and sales structure to become a leader in pneumatic systems for automation.

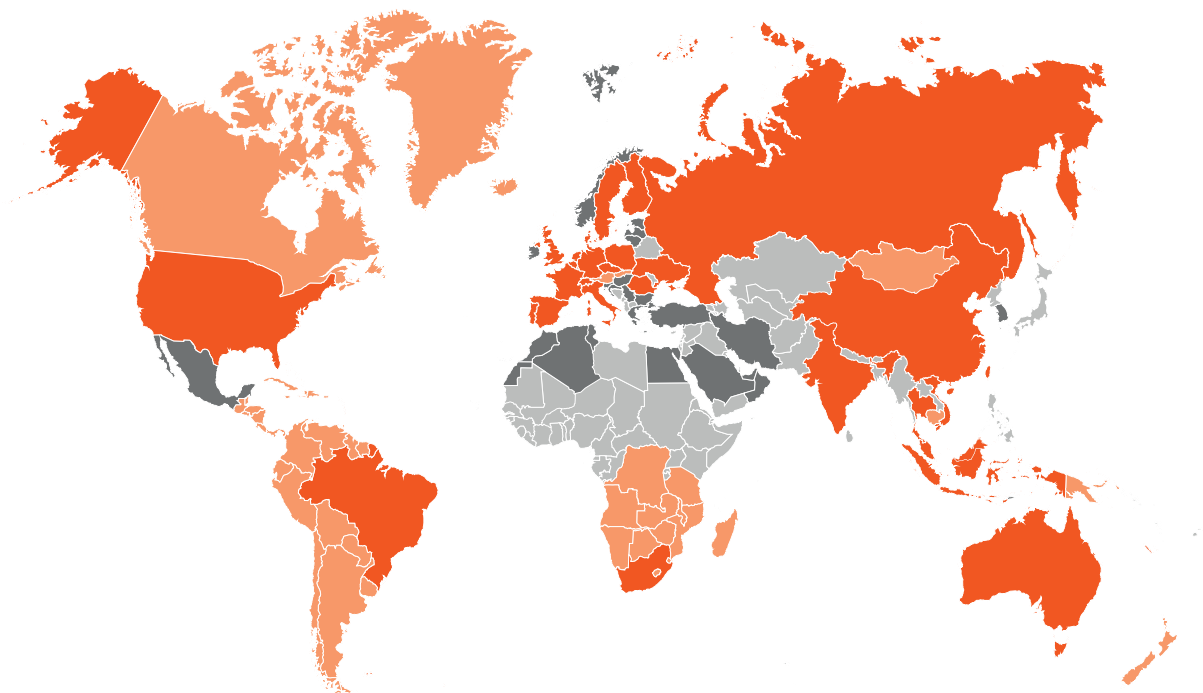
Now the production unit in Concesio has a staff of about 600 people, while the national and international sales organisation staff number is around 800.

In 1992 Metal Work obtained the ISO 9001 certification. To the quality system certification, in 2000 we added the one related to the environmental management according to the ISO 14001.

To these in 2007 METAL WORK S.p.A. applied the OHSAS 18001 standard then moving to ISO 45001 in 2018 to guarantee a Management System of Occupational Safety and Health.

All the certifications above mentioned have been released by the German certification body DEKRA ITS, accredited by TGA. Products are distributed through 61 branches in Italy and abroad, which offer an efficient capillary before- and after-sales service.

The product quality and an efficient sales organisation are the basis on which Metal Work firmly stands and enable the company to meet all possible requirements in pneumatic systems for automation.



■ Metal Work Group of Companies

■ Dealers



# Actuators

## ISO 6432 SERIES

- STD Ø 8 to 25 mm
- TP Ø 16 to 25 mm



## ISO 15552 SERIES

- STD Ø 32 to 320 mm
- TYPE A Ø 32 to 125 mm
- SERIES 3 Ø 32 to 125 mm
- SERIES ILT Ø 50 to 63 mm
- SERIES MCR Ø 32 to 125 mm (Medium Corrosion Resistance)
- SERIES HCR Ø 32 to 125 mm (High Corrosion Resistance)
- SERIES TWNC Ø 32 to 100 mm
- VERSION WITH END - OF - STROKE STOP Ø 32 to 100 mm
- VERSION WITH PROTECTIVE BELLOW Ø 32 ÷ 125 mm



## COMPACT SERIES

- ISO 21287 - LINER Ø 20 to 100 mm
- CMPC Ø 12 to 100 mm
- CCIV Ø 12 to 40 mm (with Integrated Valve)



## OTHER CYLINDERS

- ROUND RNDC SERIES
- CARTRIDGE CRTC SERIES
- COMPACT STOPPER
- SHORT STROKE SSCY SERIES
- COMPACT GUIDED CMGP SERIES
- COMPACT GUIDED MULTIFIX SERIES
- ROTOLINEAR SWING CLAMP CYLINDERS SERIES SWC AND SWH



## RODLESS SERIES

- STD Ø 16 to 63 mm
- BALL RECIRCULATING GUIDE Ø 16 to 63 mm
- "V" GUIDE Ø 25 to 63 mm
- SERIES PU Ø 25 to 50 mm
- MAGNETIC SLIDE Ø 16 to 25 mm



## STAINLESS STEEL SERIES

- ISO 6432 Ø 16 to 25 mm
- ISO 15552 Ø 32 to 125 mm
- ROUND Ø 32 to 63 mm



## HANDLING AND



- FIXING ELEMENTS
- V-LOCK ADAPTORS
- LINEAR ACTUATORS
- ROTARY ACTUATORS
- GRIPPERS
- SLIDES



## Elektro

- ISO 15552 SERIES Ø 32 to 100 mm
- ISO 15552 EK SERIES
- SSC SERIES
- MINI DC SERIES
- ROUND DC SERIES Ø 32 mm
- SHAK SERIES
- SVAK SERIES
- RODLESS SK AND BK SERIES
- CS SERIES
- MULTIFIX SERIES
- VBK SERIES
- ROTARY RBA SERIES
- E.MOTION / E.DRIVE / E.DIRECT



## HYDRAULIC BRAKE

- BRK SERIES Ø 40 - 63 mm
- INTEGRATED Ø 50 to 125 mm
- REMOTE REGULATION OF HYDRAULIC BRAKES



## ACCESSORIES

- ROD LOCK
- GUIDE UNITS
- FIXINGS
- SENSORS
- POSITION SENSORS
- DECELERATORS





# Valves

## MINIVALVES VME SERIES Ø 4 - M5

- MECHANICAL
- HAND OPERATED



## SERIES 70 VALVES

- HAND OPERATED 1/8" to 1/2"
- MECHANICALLY OPERATED 1/8"
- PNEUMATIC 1/8" to 1/2"
- SOLENOID/PNEUMATIC 1/8" to 1/2"
- LT VERSION FOR LOW TEMPERATURE (-40 ÷ +60°C)
- ON BASE



## NAMUR

- PNEUMATIC
- SOLENOID/PNEUMATIC



## SOLENOID VALVES 10 mm

- PLT-10 SERIES (PLUG-IN OR M8 VERSION)
- PLT-10 SERIES FOR MULTIPLE CONNECTION



## SOLENOID VALVES

- PIV.M 15 mm SERIES
- PIV.I, T, B SERIES ON BASE
- PIV.I, B SERIES IN LINE
- CNOMO PILOT



## MINIMACH

- SOLENOID/PNEUMATIC M5 (PLUG-IN OR M8 VERSION)
- SOLENOID/PNEUMATIC M5 ON BASE



## MACH VALVES

- MACH 11 M7 (PLUG-IN OR M8 VERSION)
- MACH 16 1/8"
- MACH 16 ON BASE
- MACH 18 - VDMA 24563-0 ISO 15407/1



## ISO 5599/1 VALVES - ISO 1, 2, 3

- IPV SERIES PNEUMATIC
- ISV SERIES SOLENOID/PNEUMATIC



## SAFE AIR®

- SERIES 70 1/8" - 1/4" - 3/8" - 1/2"
- ISO 5599/1 - ISO 1, 2, 3
- TWO-HANDS SAFETY



## VALVES ISLAND

- MULTIPOLE CONNECTION 25 or 44 PIN
- SERIAL CONNECTION
  - EtherNet/IP
  - EtherCAT
  - Profinet IO
  - Profibus-DP
  - CANopen
  - Ethernet POWERLINK
  - IO-Link
- SIGNAL MODULE IN-OUT
- PROPORTIONAL PRESSURE REGULATOR
- MULTI-FUNCTION MODULE
- ADDITIONAL MODULES
- SPECIAL VERSION: BOXI



## EB 80

## VALVES ISLAND

- HDM MULTIPOLE CONNECTION or 25 PIN
- SERIAL CONNECTION
  - EtherNet/IP
  - Profibus-DP
  - CANopen
  - AS-Interface
- INTERNAL VALVES



## HDM

## VALVES ISLAND

- MULTIPOLE CONNECTION or 44 PIN
- SERIAL CONNECTION
  - EtherNet/IP
  - EtherCAT
  - Profinet IO
  - CANopen
- ADD-ON MODULE



## cm

## MM MULTIMACH

- MULTIPOLE CONNECTION 9 or 44 PIN
- SERIAL CONNECTION
  - Profibus-DP



## mm

## VALVES MULTIPLE FLUIDS

- SOLENOID VALVES, SERIES EV - FLUID
- ACTUATED VALVES, SERIES RV - FLUID





# Units



# Fittings

## SYNTESI®

- SIZE 1  
1/8" - 1/4" - 3/8"  
P MAX 15 bar
- SIZE 2  
3/8" - 1/2" - 3/4" - 1"  
P MAX 13 bar



## Skillair®

- SIZE 100 1/4" - 3/8"  
P MAX 15 bar
- SIZE 200 1/4" - 3/8" - 1/2"  
P MAX 13 bar
- SIZE 300 1/2" - 3/4" - 1"  
P MAX 13 bar
- SIZE 400 1" - 1 1/4" - 1 1/2" - 2"  
P MAX 13 bar



## bit

- THREADED PORT  
1/8" to 1/4"  
P MAX 13 bar
- VERSIONS:  
STANDARD  
SERIES F FOR WATER



## Newdeal

- THREADED PORT  
1/4" to 1"  
P MAX 18 bar



## ONE

- THREADED PORT  
1/4" to 1"  
P MAX 10 bar



## PROPORTIONAL PRECISION REGULATORS

- REGTRONIC M5 - 1/8" - 1/4"
- REGTRONIC NEW DEAL - 3/4" - 1"
- REGTRONIC 300 - 1/2" - 3/4" - 1"
- REGTRONIC 400 - 1" - 1 1/4" - 1 1/2" - 2"
- SYNTRONIC 1/8" - 1/4" - 3/8"
- GS SERIES - HIGH EXHAUST - 1/8" - 1/4"



## FLOW AND PRESSURE SENSOR

- PRESSURE SWITCH
- DIGITAL PRESSURE SWITCH
- FLOWMETER



## AUTOMATIC FITTINGS



- BRASS



- TECHNOPOLYMER

## STANDARD FITTINGS



- STANDARD A SERIES



- COMPRESSION B SERIES

## AUTOMATIC FITTINGS FOR USE IN THE FOOD INDUSTRY



- SERIES F-E PLUS
- SERIES F-NSF PLUS



- SERIES F-E
- SERIES F-NSF



- QUICK C SERIES



- BANJO D SERIES



- SERIES XTR



- AISI 316L  
STAINLESS  
STEEL



- STAINLESS STEEL  
XA SERIES



- STAINLESS STEEL  
XC SERIES

## AUTOMATIC FITTINGS FOR BATTERY PRODUCTION



- SERIES BTY



- STAINLESS STEEL  
XD SERIES



# Accessories and Special Products

lineonline®



- PNV L - PNEUMATIC VALVE
- SOV L - SOLENOID VALVE
- RML - RMC - RMS - MINIATURE REDUCER
- MAN L - PRESSURE GAUGE
- PRS L - PRESSURE SWITCH
- LAM L - PRESSURE INDICATOR
- V2V L - V3V L - SHUTOFF VALVE
- RFL L - FLOW MICRO REGULATOR
- VSR L - QUICK-EXHAUST VALVE
- RFF L - FIXED-REGULATION FLOW REGULATOR
- VSRR L - QUICK-EXHAUST VALVE WITH MICRO REGULATED EXHAUST
- STP L - STOP VALVE

- VNR L - CHECK VALVE
- FIL L - IN-LINE FILTER



## COUPLINGS

- IAC SERIES
- ICS SERIES



## FLOW REGULATORS

- MRF SERIES COMPACT N
- MRF SERIES COMPACT O
- MRF SERIES HIGH FLOW
- MRF SERIES PUSH LOCK
- MRFX SERIES (STAINLESS STEEL)
- RFL SERIES IN-LINE
- RFLX SERIES IN-LINE (STAINLESS STEEL)



## PNEUMATIC LOGIC

- OR - AND - NOT - YES
- MEMORY
- TIMER



## AUXILIARY VALVES

- VSR
- STP
- VCS
- VOR
- VNR (IN BRASS OR STAINLESS STEEL)



## ACCESSORIES

- BOOSTER Ø 40, Ø 63, Ø 100 mm WITH AND WITHOUT REGULATOR
- IN-LINE PROGRESSIVE STARTER VAP 1/4", 1/2"
- DISTRIBUTION FRAMES AND ROTARY JOINTS
- SILENCERS
- PNEUMO-POWER



## CUSTOM PRODUCTS

LARGE SELECTION OF VARIANTS



## KIT PNEUMATIC MOTION®

- KIT PNEUMATIC MOTION® CONFIGURABLE (KIT PMC)
- KIT PNEUMATIC MOTION® READY (KIT PMR)
- KIT PNEUMATIC MOTION® CUSTOM



## PRODUCTS FOR DIDACTIC

BENCHES AND KITS FOR EXERCISES AND DEMONSTRATIONS



## STANDARDS

- PED
- RoHS
- RAEE
- ATEX
- IECEx
- SIL
- REACH
- UL / CSA
- EMC
- EAC
- M.O.C.A
- NSF INTERNATIONAL
- CE
- Directive 2014 / 68 / EU
- Directive 2011 / 65 / EU - 2015 / 863 / EU
- Directive 2012 / 19 / EU
- Directive 2014 / 34 / EU
- Directive EPS 16.0078X
- Directive 1907 / 2006 / CE
- Directive 2014 / 30 / EU
- NSF 169
- Directive 2006 / 42 / CE

## TOOLS

- 2D/3D MODELS
- CONFIGURATORS:
  - EASY ELEKTRO
  - EASY ROBOTICS
  - EASY SIZER
  - EASY SCHEME
- DIGITAL CATALOGUE

## GREEN PRODUCTS



