



Production programme

Metal Work.

Leader in pneumatic automation.

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.

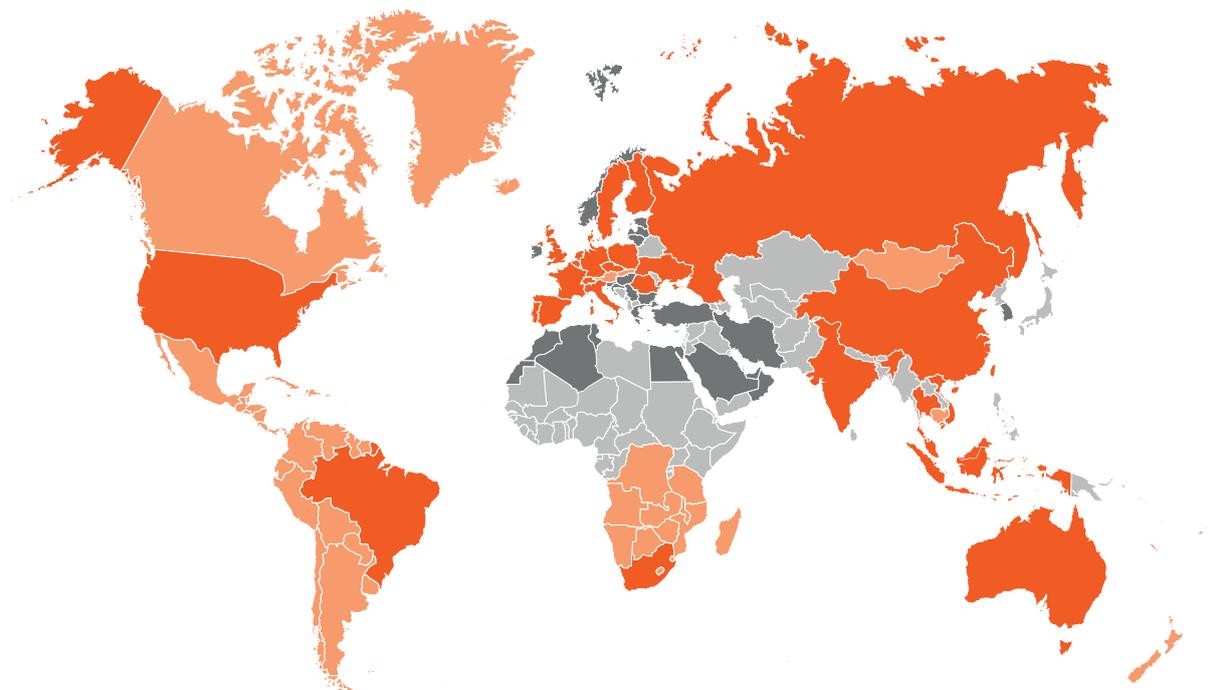
Now the production unit in Concesio has a staff of about 500 people, while the national and international sales organisation staff number is around 800.

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 50 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

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

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FILIALE DI VARESE

Metal Work Service S.r.l.
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MODENA

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NOVARA

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MACERATA

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AVELLINO

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Asia/Oceania

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Authorized Dealers

Europe

BULGARIA

Ka Matic Ltd.
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CYPRUS

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UNITAIR LTD

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acme-world.com



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 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 CMPC 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
- VBK SERIES
- ROTARY RBA SERIES
- E.MOTION / E.DRIVE / E.DIRECT



HYDRAULIC BRAKE

- BRK SERIES Ø 40 - 63 mm
- INTEGRATED Ø 50 - 63 - 80 - 100 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-E



- AISI 316L STAINLESS STEEL



- QUICK C SERIES



- BANJO D SERIES



- SERIES F-NSF PLUS



- SERIES F-NSF

STANDARD FITTINGS FOR USE IN THE FOOD INDUSTRY



- STAINLESS STEEL XA SERIES
- STAINLESS STEEL XC SERIES
- 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



