



## Metal Work - Training courses







## Metal Work.

Leader in pneumatic automation  
for over 50 years.

We believe that a greater technical knowledge of our products and their applications is essential for a correct relationship between us and the market.

With this in mind, we have structured ourselves so that we can offer a series of courses, dedicated both to the staff of our group and to our customers. The basic courses are four, subject however to customizations:

- Basic pneumatics
- Equipment sizing
- Equipment maintenance
- Advanced courses



## Basic pneumatics



DURATION

1 day



LOCATION

Online / onsite



TO WHOM IT IS ADDRESSED

Designers of technical departments, maintenance personnel



PREREQUISITES

None



CONTENT

- Physical principles of pneumatics
- Operation of cylinders, valves and air treatment units
- Graphic symbology of cylinders, valves and air treatment units



DIDACTIC TOOLS

- General textbook of pneumatics
- Technical cards
- Metal Work selected products



## Equipment sizing



DURATION

4 hours



LOCATION

Online / onsite



TO WHOM IT IS ADDRESSED

Designers in technical departments



PREREQUISITES

Metal Work Basic Pneumatics training course or fundamental technical knowledge



CONTENT

- Calculation for the sizing of pneumatic actuators
- Speed regulation of pneumatic actuators
- Valves choice
- Sizing of air treatment units and connecting pipes
- Software supports



DIDACTIC TOOLS

- Tables of strengths and consumption of air in the cylinders
- Tables of valves and tube capacity
- Easy Sizer software





## Equipment maintenance



DURATION

4 hours



LOCATION

Online / onsite



TO WHOM IT IS ADDRESSED

Maintenance personnel



PREREQUISITES

Metal Work Basic Pneumatics training course or similar training



CONTENT

- Type of maintenance: preventive, predictive, extraordinary
- Interpretation of pneumatic diagrams
- Relationship between pneumatic diagrams and electromechanical systems
- Choice of the most appropriate pneumatic components



DIDACTIC TOOLS

- Text describing different types of maintenance
- Pneumatic and electrical systems
- Production programmes of the installations



## Advanced courses



DURATION

1 day



LOCATION

Online / onsite



TO WHOM IT IS ADDRESSED

Salesmen and dealers of the Metal Work Group, designers of technical departments



PREREQUISITES

Metal Work Basic Pneumatics training course



CONTENT

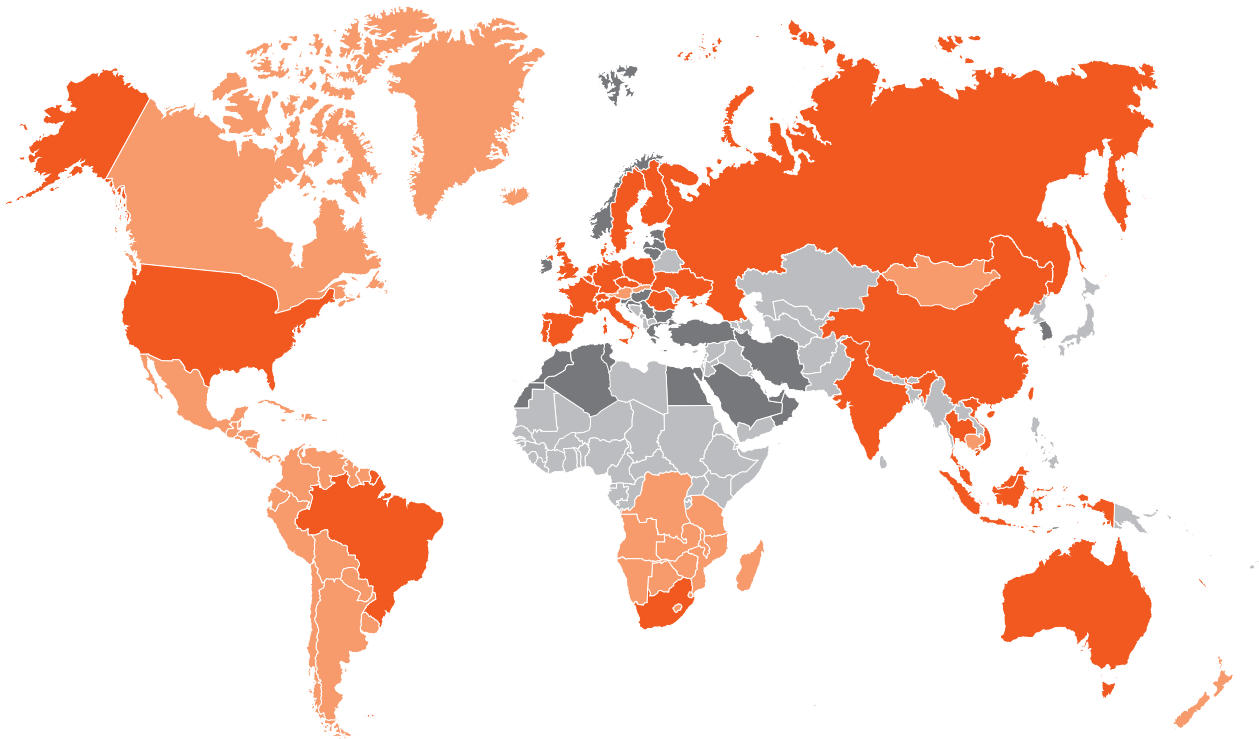
- Presentation of new Metal Work products
- In-depth study of product families and products of interest



DIDACTIC TOOLS

- Pneumatic diagrams
- Technical cards
- Metal Work Catalogue

Do you want to join one of our training courses?  
Find and contact your local subsidiary:



■ Companies of Metal Work Group    ■ Authorized dealers

Our subsidiaries in Italy 



Bari  
Bergamo  
Bologna  
Brescia  
Cremona

Lecco  
- Varese  
Mantova  
Modena  
Monza Brianza

Novara  
Parma  
Prato  
Rimini  
Torino

Treviso  
Verona  
Vicenza

Our subsidiaries in the world 



Australia  
Belgium  
Brazil  
China  
Czech Republic  
Danmark  
Finland

France  
Germany  
India  
Indonesia  
Malaysia  
Netherlands  
Poland

Portugal  
Romania  
Russia  
Spain  
South Africa  
Sweden  
Switzerland

Thailand  
Ukraine  
UK  
USA  
Vietnam





