![COMAU logo]

ReR - Robotica, AI, Idrogeno e Rinnovabili

The Power of Automation

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Head of Innovation and Advanced Robotics
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Our People and Our Presence

Industrial heritage, global network and diversified capabilities

3,700+
Employees Worldwide

60%
Graduate education

<40
Average age

Experienced leadership team with diversified industry backgrounds
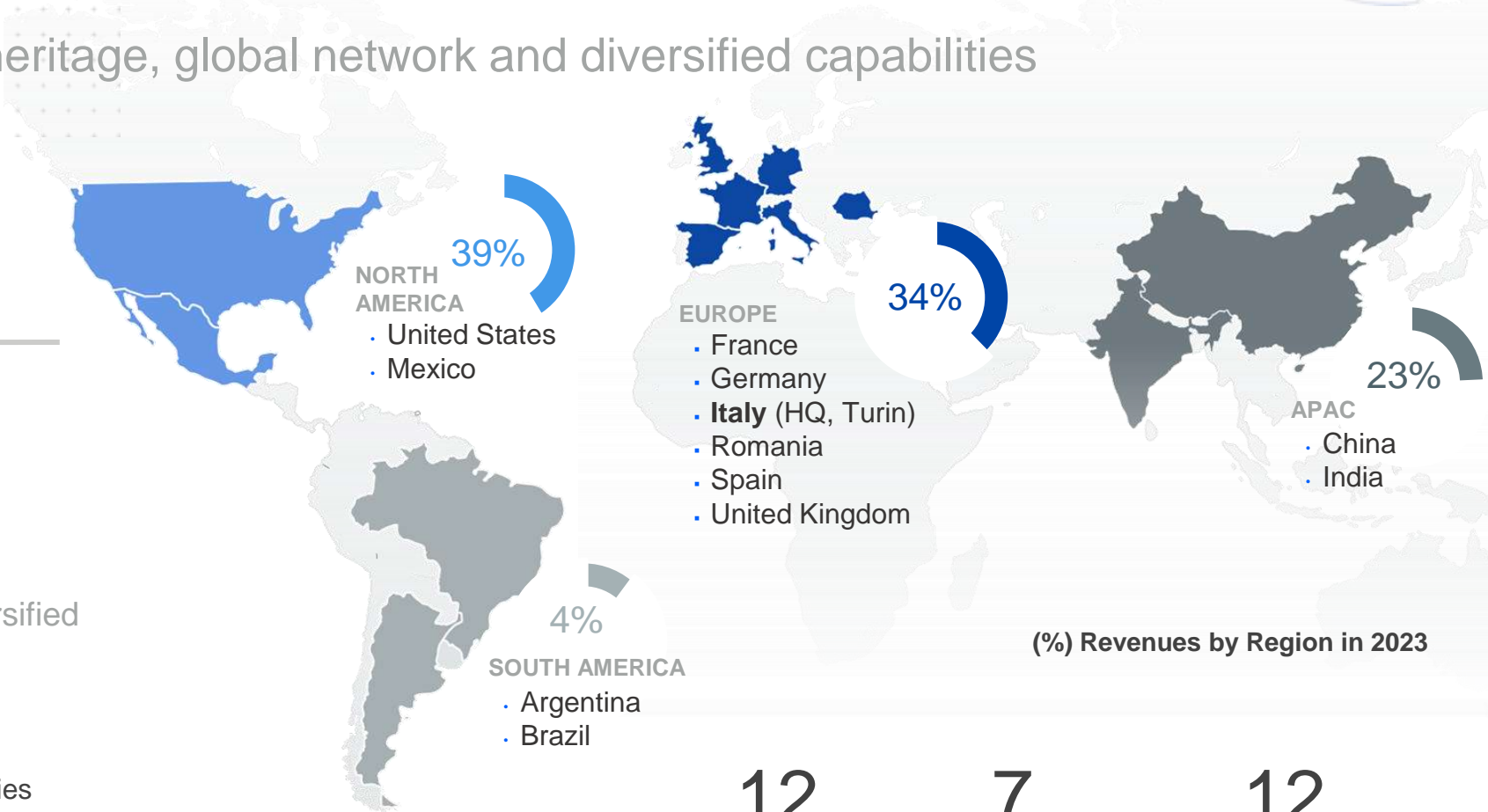
90+
Senior Management

9 Nationalities

21% Women

NORTH AMERICA
39%
- United States
- Mexico

EUROPE
34%
- France
- Germany
- **Italy** (HQ, Turin)
- Romania
- Spain
- United Kingdom

APAC
23%
- China
- India

SOUTH AMERICA
4%
- Argentina
- Brazil

(%) Revenues by Region in 2023

12
Countries

7
Innovation Centers

12
Manufacturing Plants

Robotics & Automation Products

Addressing Automation Challenges

40+

Different robot models

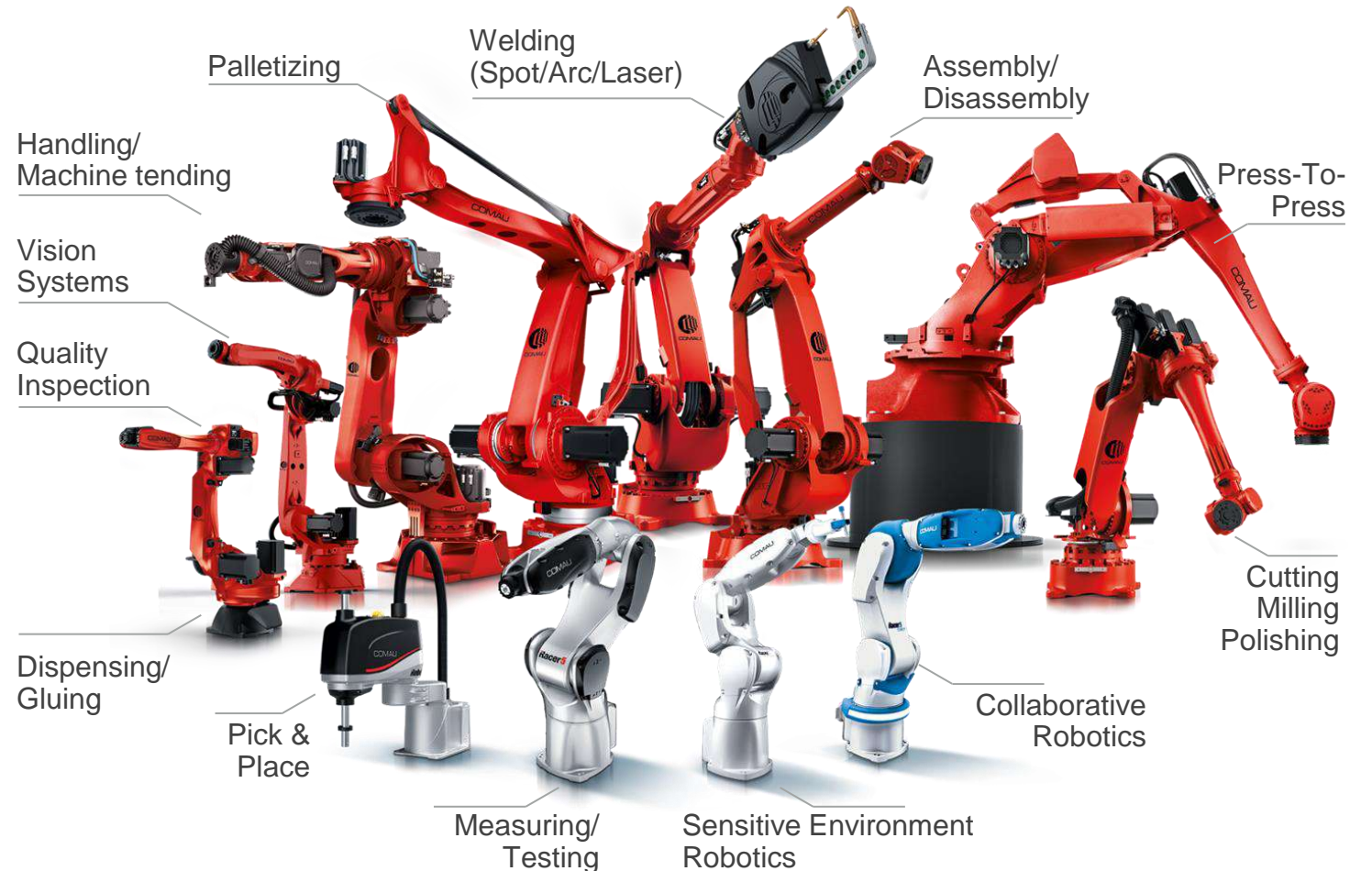from 0.4 to 3.7 m
Horizontal Reach

from 3 to 650 kg
Payload

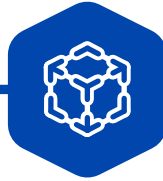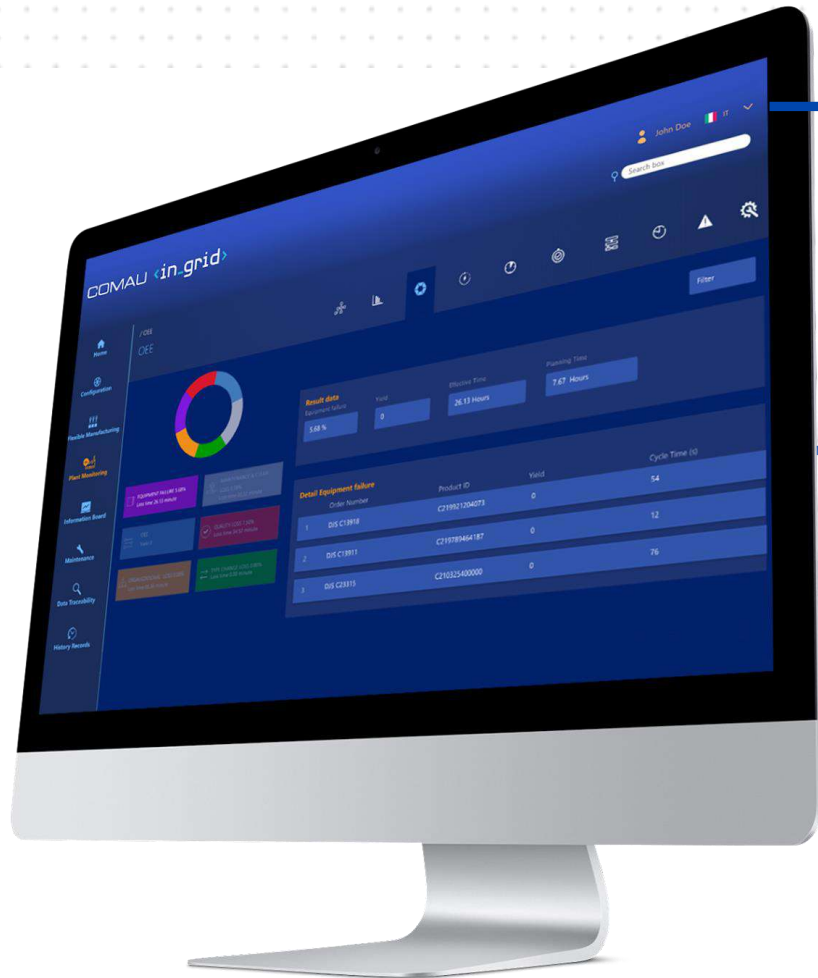High-quality **industrial robots** since 1978.
MADE IN ITALY.
Easy to USE, easy to MAINTAIN, easy to INTEGRATE.
Sustainable

30,000+

Robots installed worldwide

Possible Applications

- Palletizing
- Welding (Spot/Arc/Laser)
- Assembly/ Disassembly
- Handling/ Machine tending
- Press-To-Press
- Vision Systems
- Quality Inspection
- Dispensing/ Gluing
- Pick & Place
- Measuring/ Testing
- Sensitive Environment Robotics
- Collaborative Robotics
- Cutting Milling Polishing

Digital Portfolio

Line monitoring

Data collection from the PLCs on the production line.
*This data will be used to monitor the **overall performance** and **KPIs** of the production lines and identify **bottlenecks** or areas that will need **improvement***

Robot monitoring

Data collection from Comau Robot to calculate performance metrics.
*This data will be used to monitor the **health** and **performance** of the robots and identify potential **issues** that will need to be addressed*

Traceability

*Data collection on a **product** during its production, such as quality data and other information related to the product.*
*This data will be used to trace the **product throughout**, production **process** and ensure that it meets the **required standards**.*

Vision Systems Portfolio

Cognitive Automation meets Advanced Vision Systems

MI.RA/3D

3D robot guidance based on 2D imaging

MI.RA/Picker

An automated solution for fast and efficient Random Bin Picking

MI.RA/OnePicker

Vision for unstructured environments, random object positions, complex objects (CAD-less approach), and collision-free trajectories

MI.RA/Depalletizer

Automated depalletizing system that can dynamically handle containers of unknown shape, materials, and weight

Wearable Robotics/Exoskeletons

MATE-XT

MATE-XB

Robotic ergonomic support taken to the eXtreme

MATE exoskeletons are distinct solutions that reduce muscular strain and help mitigate ergonomic risks

up to 35%

steady reduction of the lumbar or shoulder muscle activation

up to 50%

improvement in ergonomics and productivity with reduced physical strain

MATE-XB

(back) lumbar support

non-powered exoskeleton for **relieving the muscular effort in the lumbar area** for workers who need to move weights, e.g., when bending the legs (squatting), leaning forward, or the repetitive lifting of loads

CE marked (2006/42/EC) **CERTIFIED BY** TÜV Rheinland

ISO 13482:2014

MATE-XT

(top) arms/shoulders support

mechanically powered exoskeleton (no batteries, no motors), for **relieving the muscular effort at the shoulder level** for workers operating with elevated arm(s).

Also available with advanced sensors for data analytics (MATE-XT 4.0)

EDP Validation

elEconomista.es

Mercados y Cotizaciones · Ibex 35 · M.Continuo · Empresas · Economía · Tecnología · Bienestar · Motor · Inmobiliario · Opinión

Energía

EDP se adelanta en la carrera por la automatización de la construcción de plantas fotovoltaicas

* La compañía lusa prueba en la localidad vallisoletana de Peñaflor un proyecto piloto para reducir a la mitad el tiempo de montaje

* No supondrá una pérdida de empleo: "Se trata de hacer más con las mismas personas", afirma la compañía
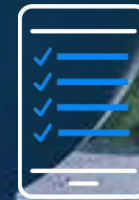

El robot instala de forma autónoma las placas sobre los soportes

Hydrogen

For both hydrogen production and utilization, Comau supports customers in their manufacturing journey. For electrolyzers and fuel cells, PEM or alkaline, Comau works closely with its customers to offer powerful automation solutions for stacking, testing and BoP.
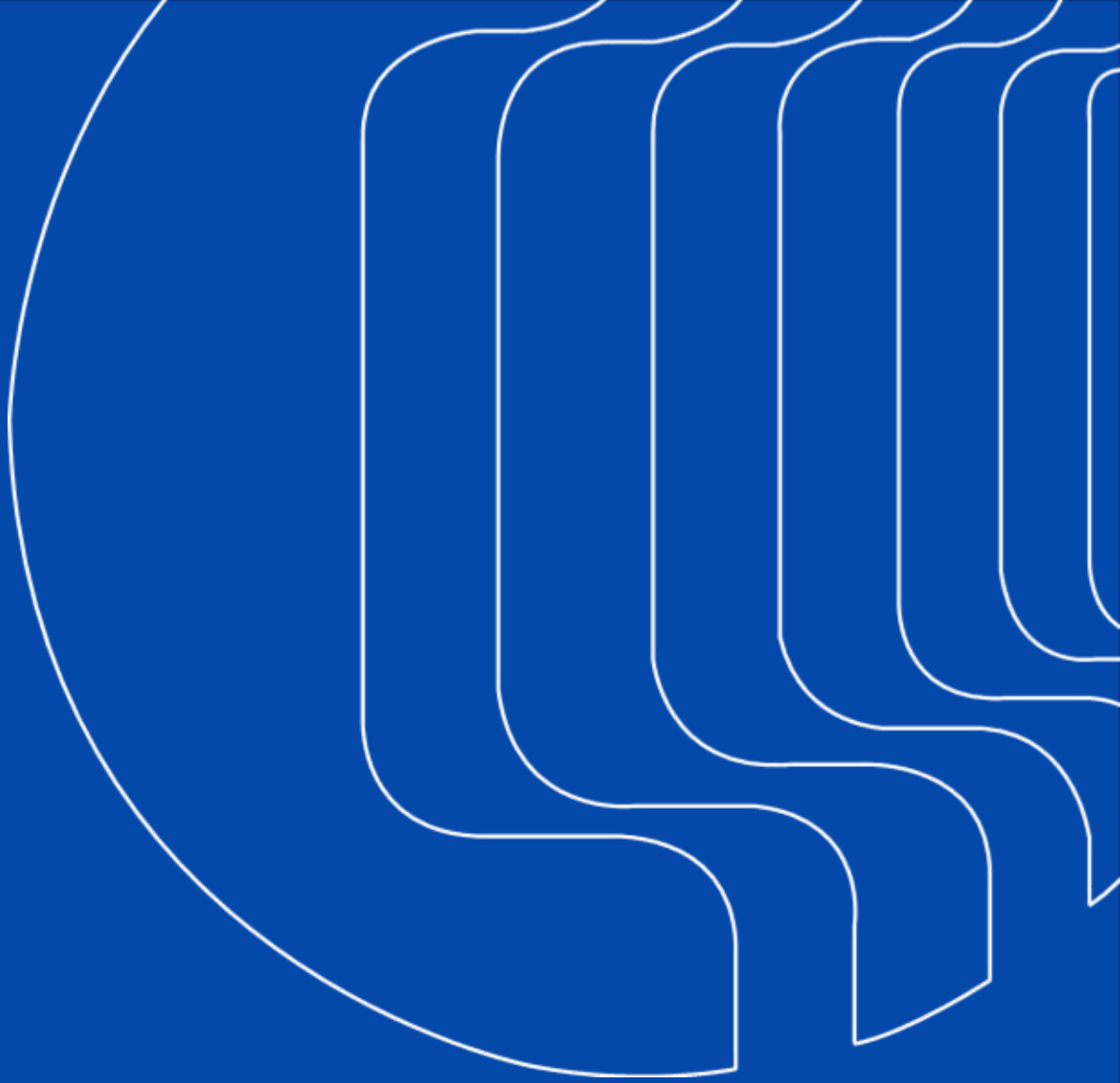
5+ active enterprise contracts,

presence in 3+ regions

(Asia, Europe, North America)