

The background of the image is a grayscale photograph of a complex industrial manufacturing environment. It features several robotic arms with flexible, corrugated hoses, various mechanical components, and a central digital display showing the number '0005'. The scene is brightly lit, creating a clean and professional atmosphere.

**Samac**

SMART AUTOMATION MACHINERY

**Cross the red line!**



## ENGINEERING AND BUILDING

Custom solutions for assembly and testing processes

Experience in applications for various sectors

Productivity, quality and safety



## RESEARCH AND DEVELOPMENT

Activity of R&D in both hardware and software

Continuous updates: 42 hours technical training/ year per person

Know-how with high technological content



## SERVICE IS OUR PLATFORM

Real and operational flexibility

Assistance during all phases of value creation process

Global partnership network constantly expanding for prompt technical assistance



## CONTINUOUS IMPROVEMENT AND SUSTAINABILITY

Attention and awareness towards the social, environmental and economic context, summarized in our sustainability report

Optimization of execution costs and time

Promote competence and talent development



2025



50

MORE THAN  
50 YEARS OF  
EXPERIENCE

1975



EMPLOYEES AND  
COLLABORATORS

130



PRODUCTION AREA  
IN ITALY

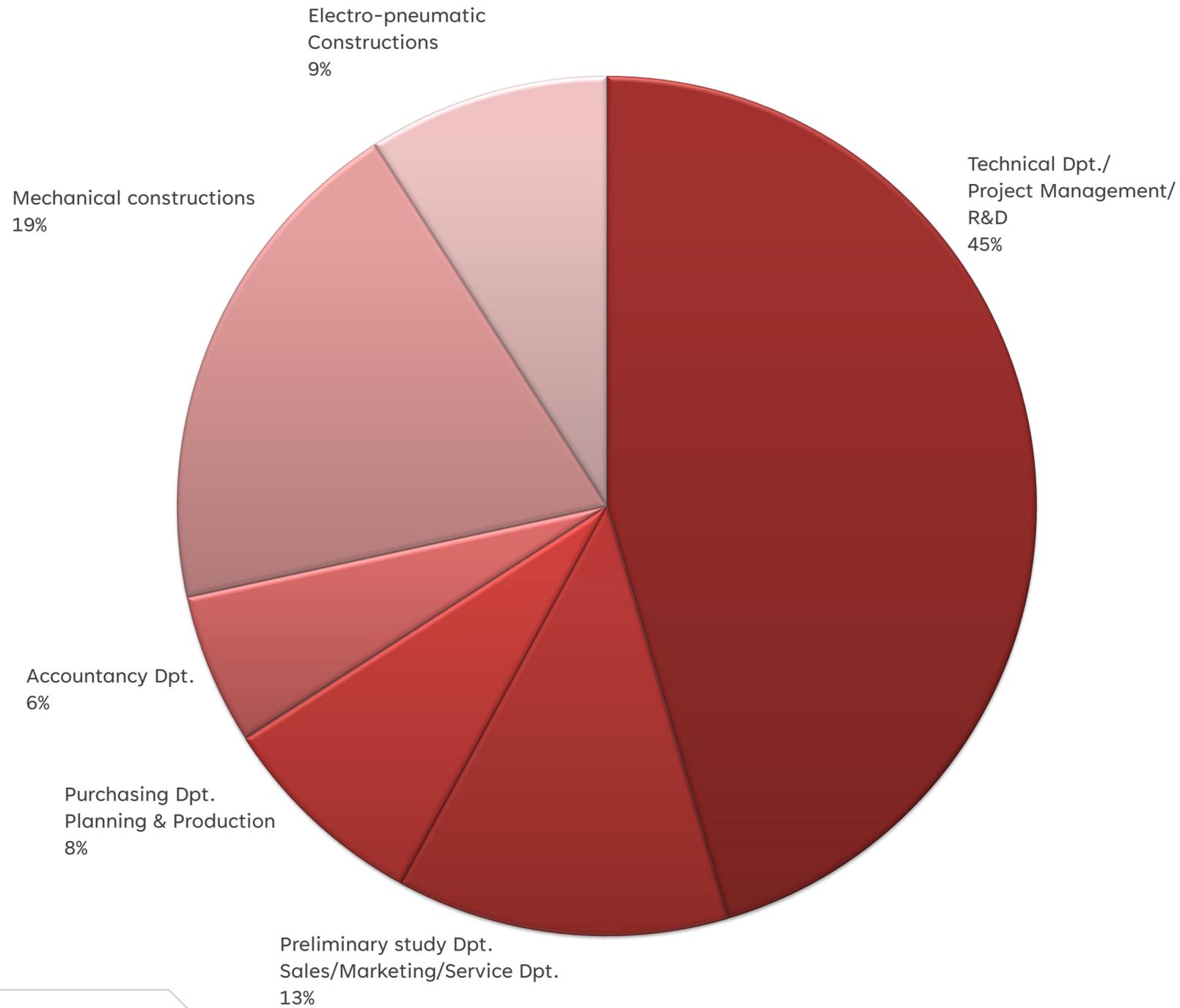
11.000 M



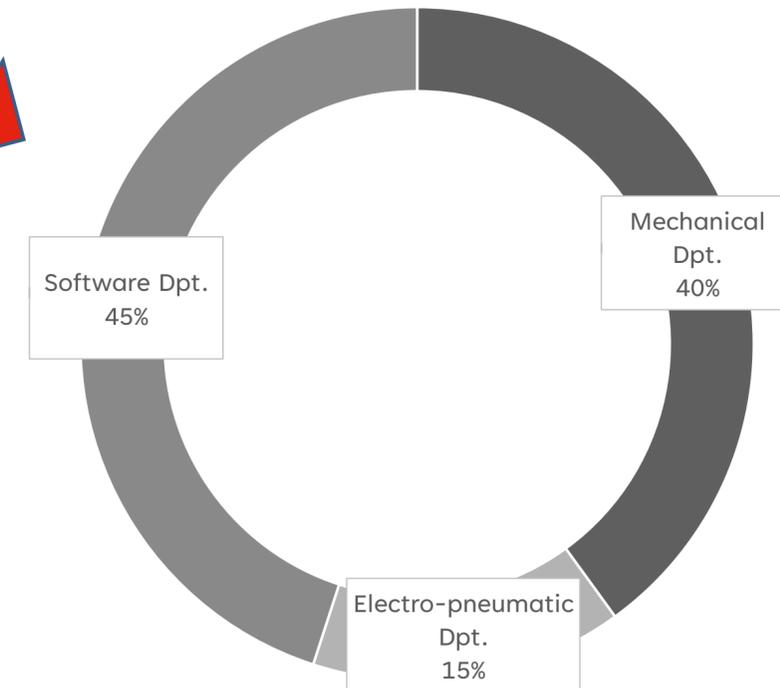
ISO 27001

LL-C (Certification)

# SAMAC TEAM – DEPARTMENTS



## TECHNICAL DPT. DISTRIBUTION





EQUIPMENT AND  
LINES INSTALLED

> 1.000



20

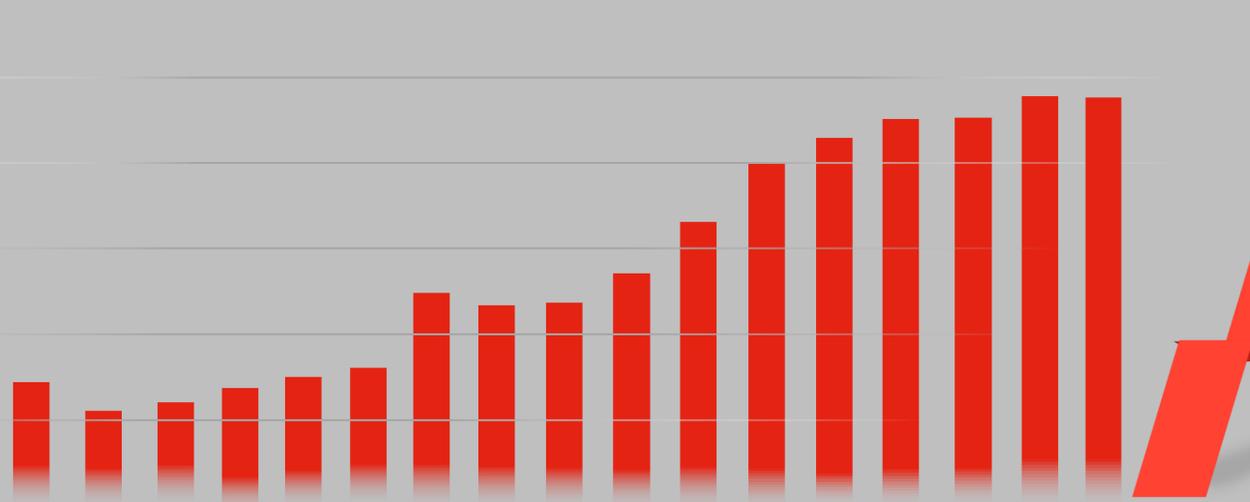
COUNTIES IN  
THE WORLD  
WHERE WE  
OPERATE

2008/24

**TURNOVER**

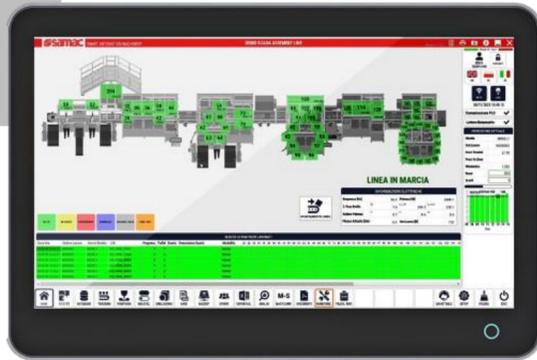
2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024

€ 25 MILIONI  
€ 20 MILIONI  
€ 15 MILIONI  
€ 10 MILIONI  
€ 5 MILIONI



# 1994

▶ SUPERVISOR INTRODUCTION



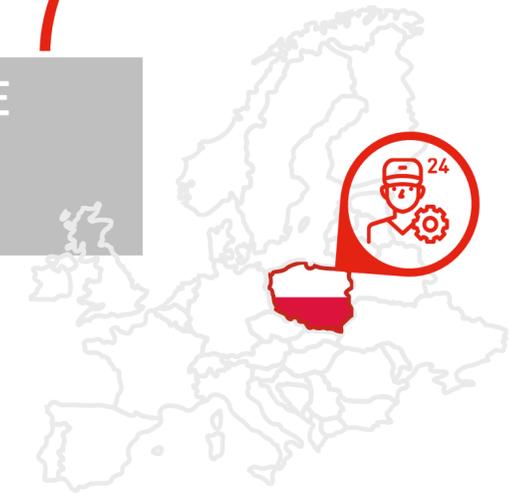
# 2002

▶ ASSISTANCE POINT IN GERMANY



# 2017

▶ ASSISTANCE POINT IN POLAND



# 2021

▶ EXTENSION OF THE PRODUCTION AREA UP TO 10.000 SQ. M.



# 2021

▶ OPENING OF A NEW MANUFACTURING PLANT IN CHINA



# 2021

▶ SMT & GUITTI KNOW-HOW AND BRANDS ACQUISITION



# 2021

▶ ASSISTANCE POINT / SUBSIDIARY IN THE UNITED STATES



# 2023

▶ ASSISTANCE POINT IN MEXICO



# 2025

▶ FIRST SUSTAINABILITY REPORT

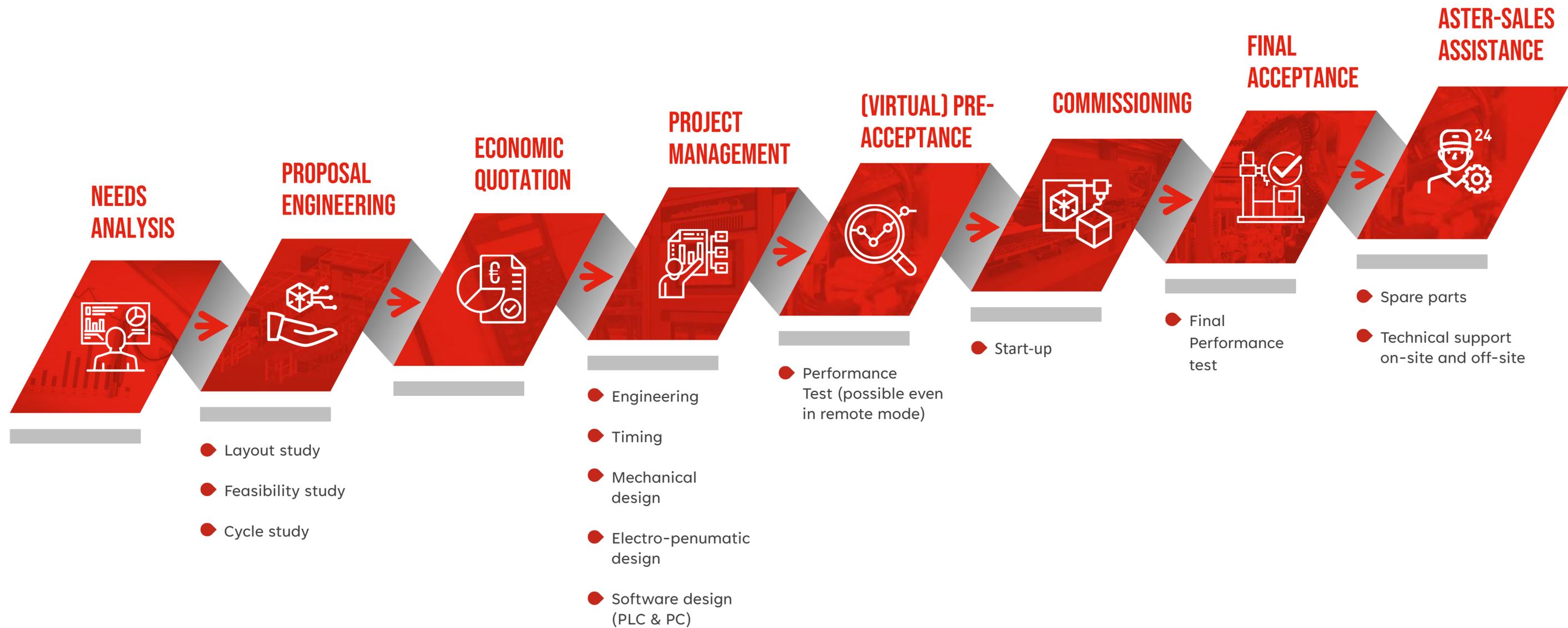


HISTORY AND GROWTH

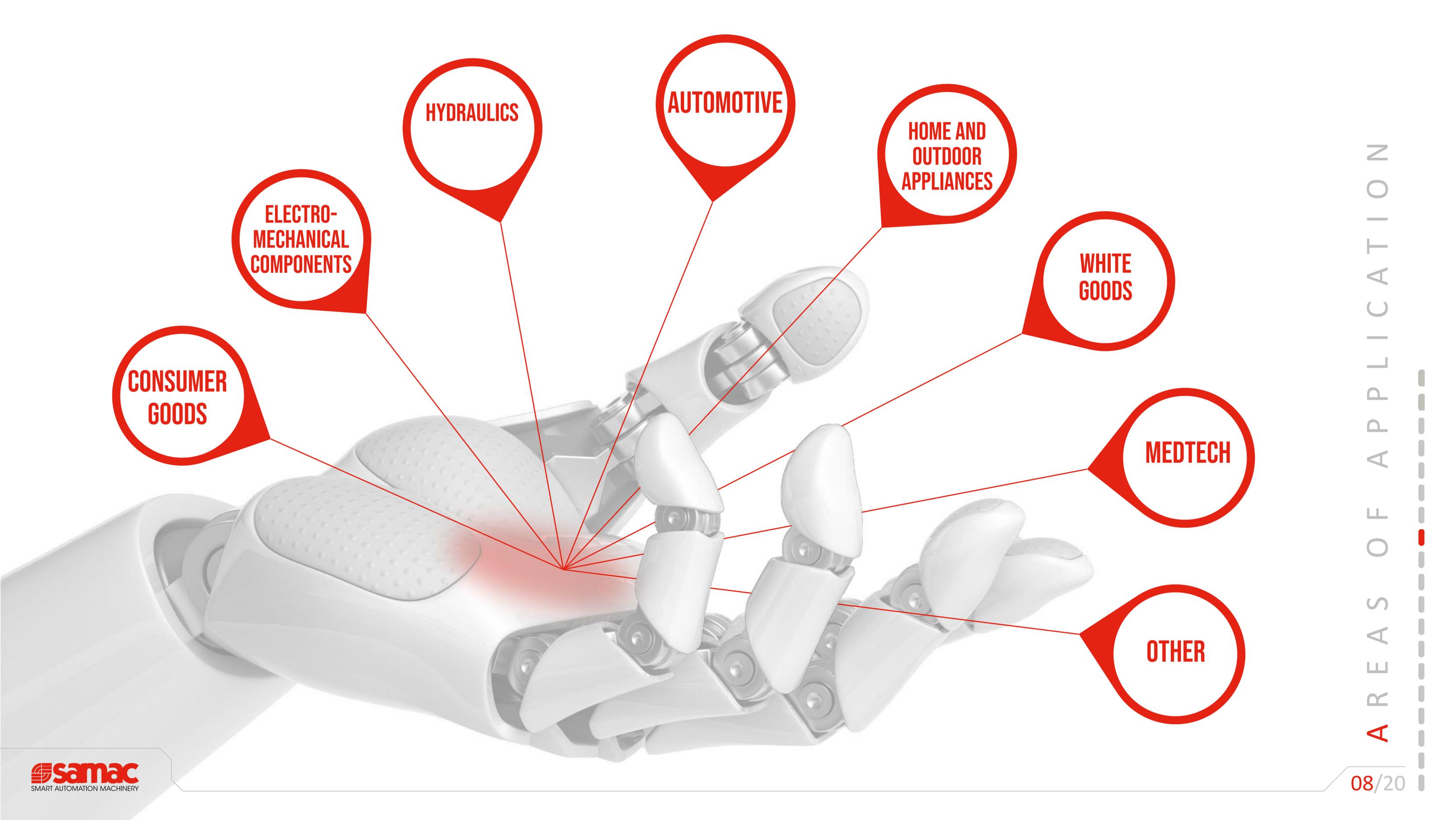


 **MANUFACTURING PLANTS**

 **ASSISTANCE POINTS**



H O W W E O P E R A T E



**CONSUMER  
GOODS**

**ELECTRO-  
MECHANICAL  
COMPONENTS**

**HYDRAULICS**

**AUTOMOTIVE**

**HOME AND  
OUTDOOR  
APPLIANCES**

**WHITE  
GOODS**

**MEDTECH**

**OTHER**

A R E A S O F A P P L I C A T I O N

# CAR

ASSEMBLED AND/OR TESTED PRODUCTS  
BY SAMAC MACHINES IN THE  
AUTOMOTIVE SECTOR



+ BRUSHED & BRUSHLESS MOTORS FOR VARIOUS APPLICATIONS

+ ACTUATORS

+ WATER & OIL PUMPS

+ FAN

+ SOLENOID VALVES

+ HIGH VOLTAGE HEATER

+ SEAT BELTS COMPONENTS

+ VACUUM AND TANDEM PUMP

+ BREAKE SYSTEMS

+ TURBOCHARGER

+ WHEEL HUB

+ ELECTRIC COOLING FAN

+ AIR BAG

+ DCDC CONVERTER

+ SHOCK ABSORBER

+ HORN

+ ROCKER ARM

+ E-TURBO

+ GEAR COMPONENT

+ E-TRACTION ROTOR

+ FUSES HOLDER BODY

+ READER OF ELECTRIC KEY

+ ELECTRIC OIL PUMP

+ BSG MOTOR

+ PEDAL UNIT

+ HEAT EXCHANGER

+ SEAT

+ REAR LOCK

+ TIMING SYSTEM

+ REAR LIGHTNING SYSTEM

+ REARVIEW MIRROR

+ WINDSCREEN WIPERS

+ EGR VALVE

+ GPL & METHANE VALVE

+ BATTERT CABLES

+ ELECTRIC STEERING SYSTEM



+ BATTERY PACK

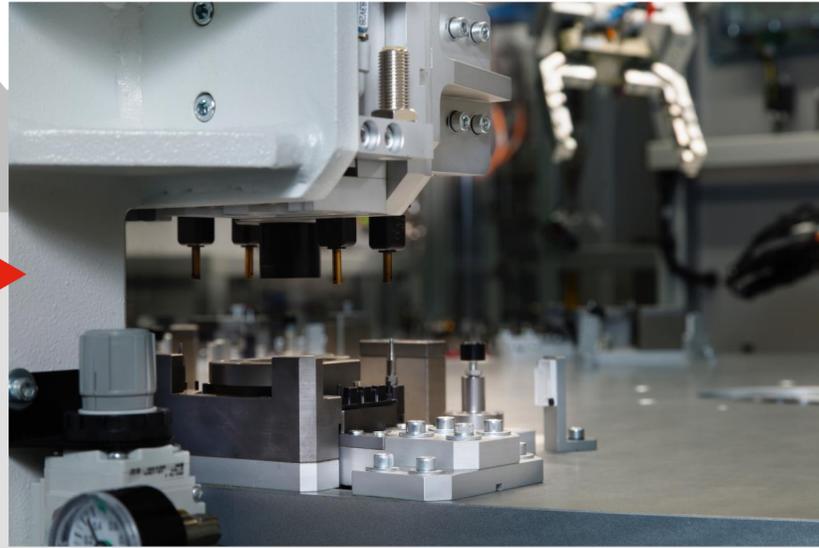
+ E-AXLE

+ ELECTRIC BRAKE

+ ELECTRIC WATER PUMP

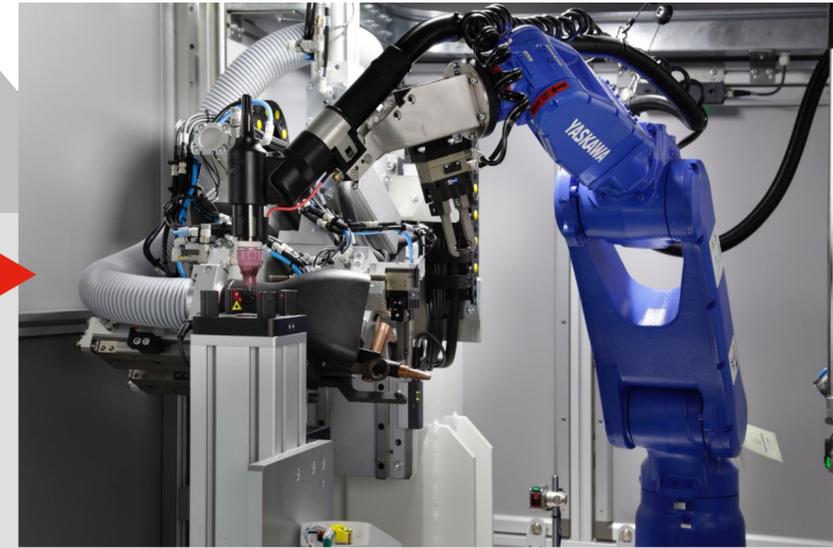
MECHANICAL  
COUPLING

ASSEMBLY



WELDING

ASSEMBLY



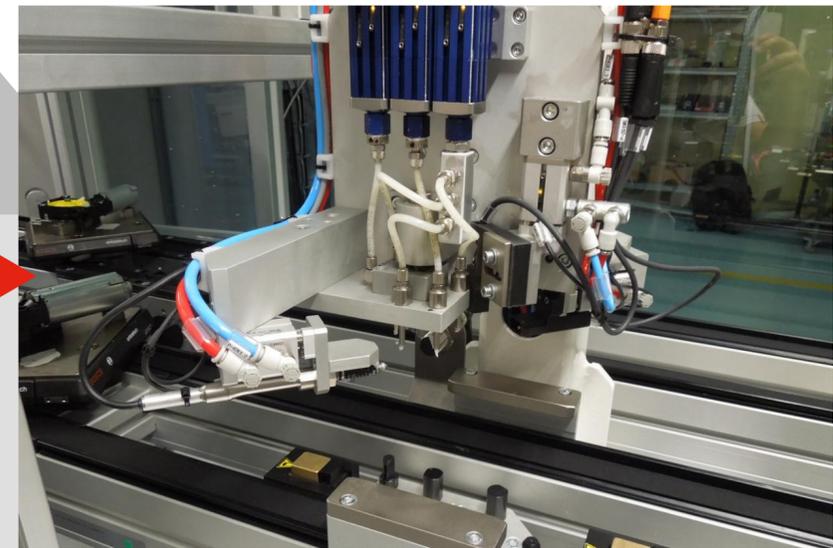
DISPENSING

ASSEMBLY



LUBRICATION

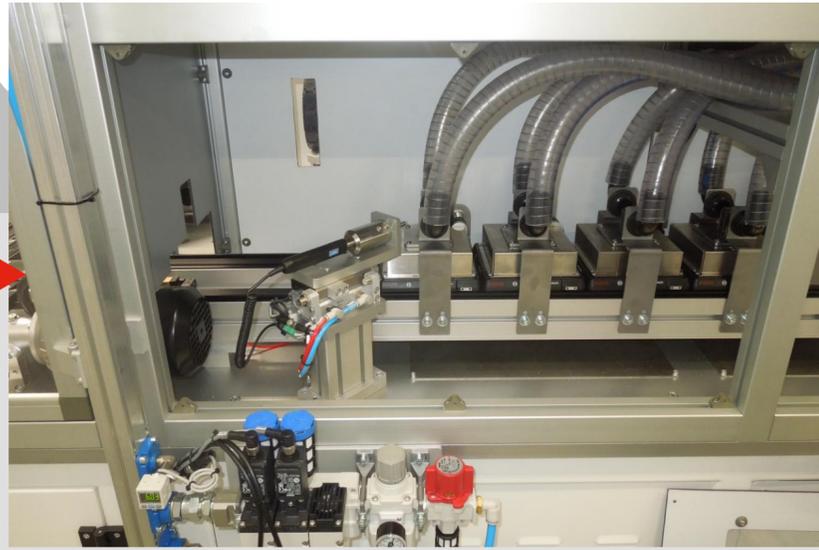
ASSEMBLY



A S S E M B L Y S K I L L S 1 / 6

PHYSICAL  
PARAMETER  
MODIFICATION

ASSEMBLY



ROBOTICS  
& COBOTICS

ASSEMBLY



MOVEMENT

ASSEMBLY



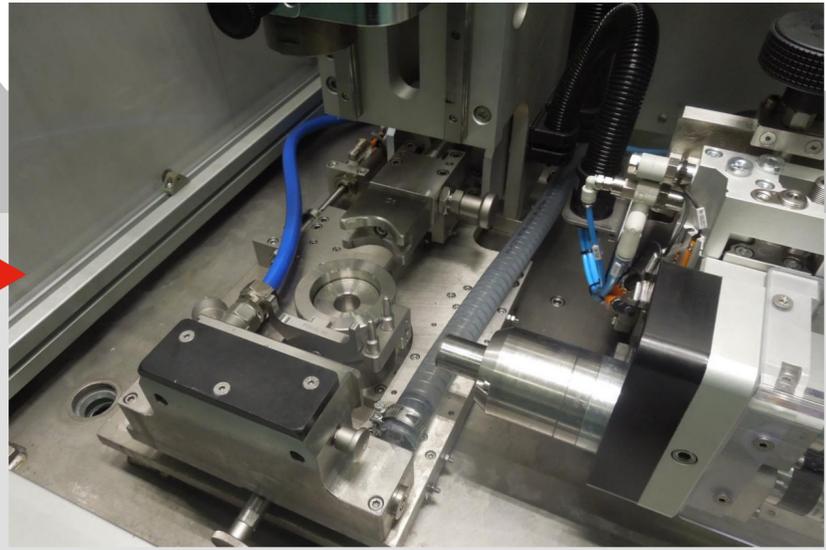
PIECE FEEDING

ASSEMBLY



CALIBRATION

ASSEMBLY



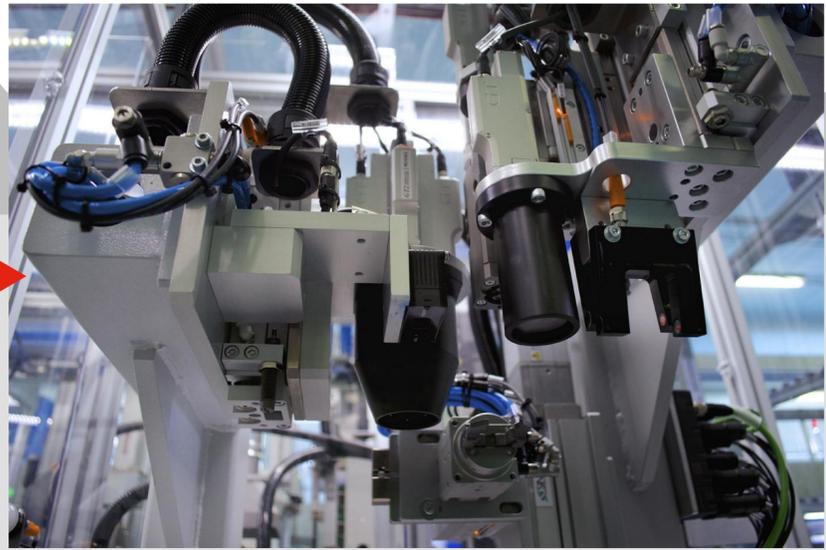
DEFORMATION

ASSEMBLY



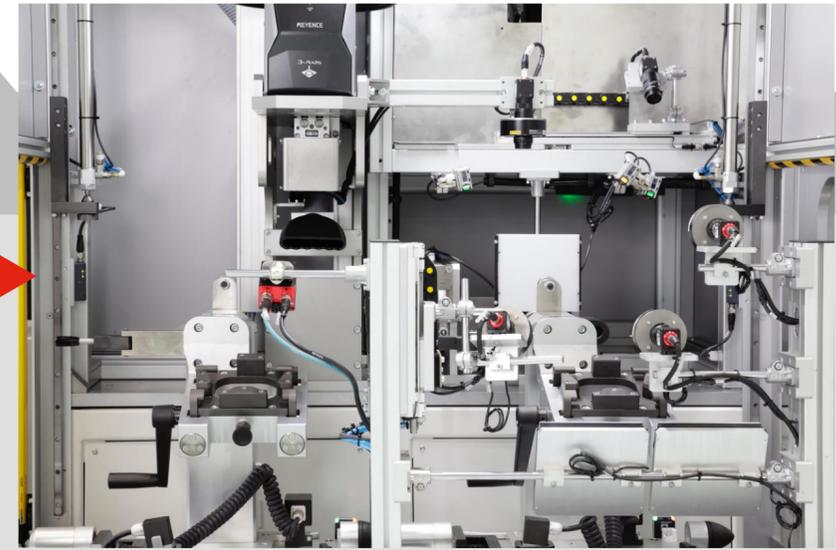
CHECKS  
DURING  
ASSEMBLY

ASSEMBLY



VISION  
SYSTEMS

ASSEMBLY



**MARKING**  
**ASSEMBLY**



**HEAT-SHRINK FITTING**  
**ASSEMBLY**



**CURING**  
**ASSEMBLY**



**PLASMA & LASER TREATMENT**  
**ASSEMBLY**



PCB  
PROGRAMMING

ASSEMBLY



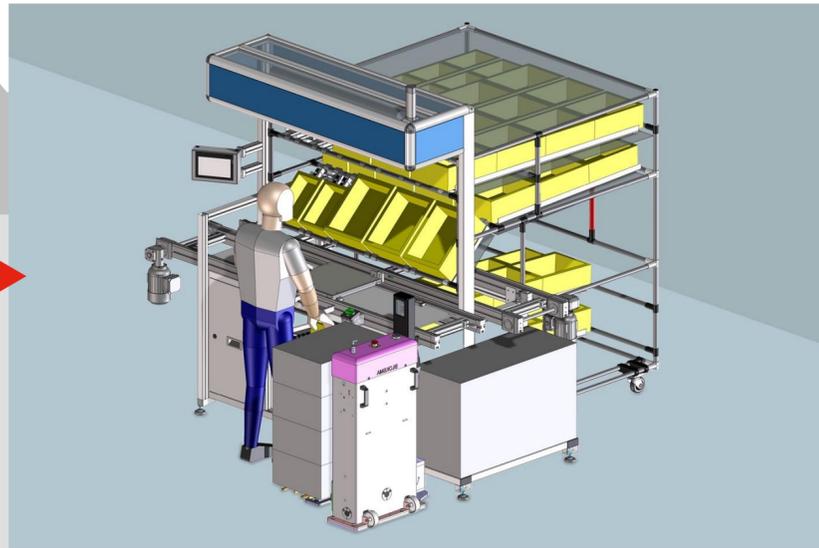
ESD  
ENVIRONMENT

ASSEMBLY



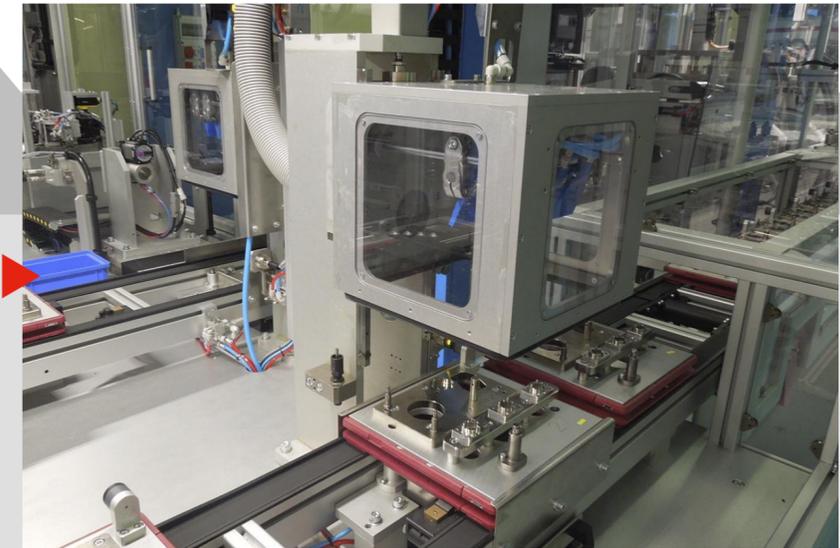
ERGONOMY  
AND LEAN

ASSEMBLY



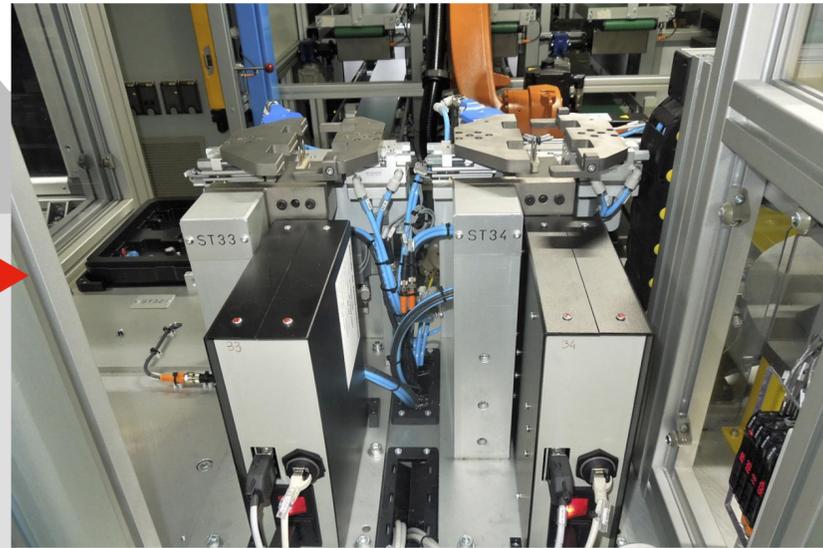
WHITE - ROOM  
COMPLIANCE

ASSEMBLY



OVERMOLDING  
INTEGRATION

ASSEMBLY



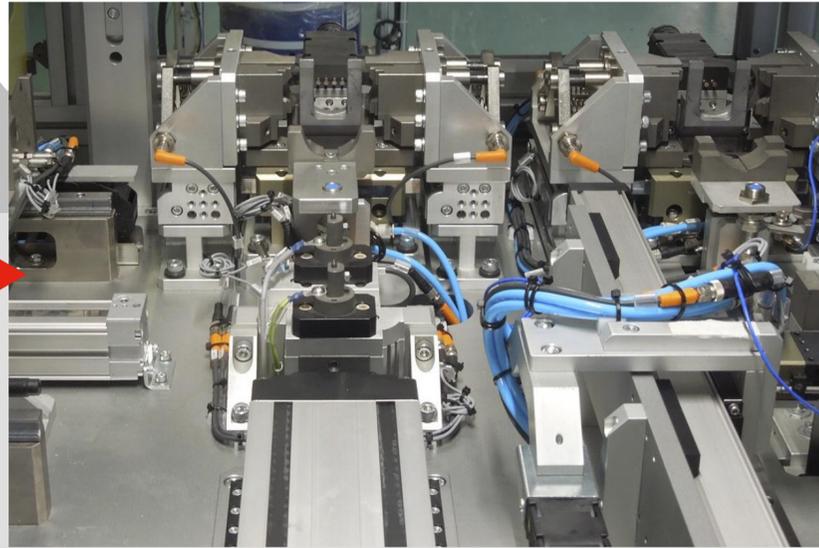
LIQUID  
NITROGEN

ASSEMBLY



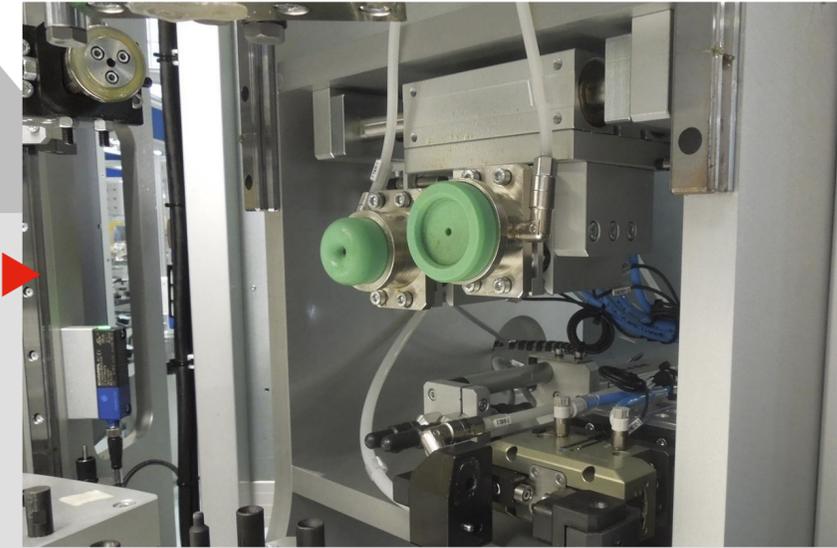
**ELECTRIC &  
PASSIVE TESTS**

TESTING



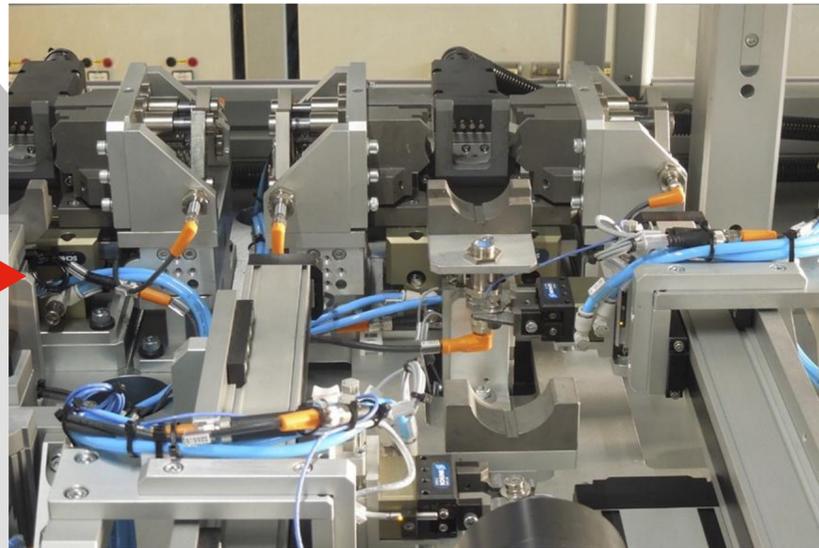
**DRY TEST  
WET TEST  
LEAK TESTING**

TESTING



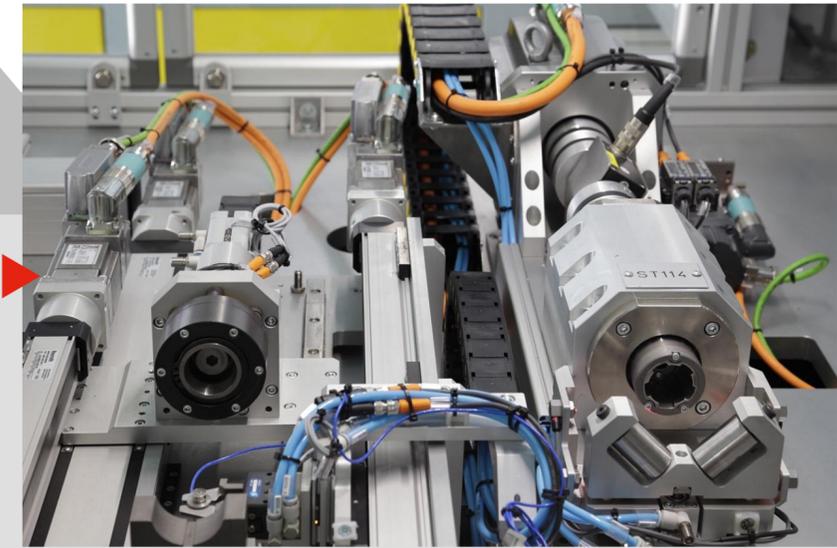
**NVH TEST**

TESTING



**FUNCTIONAL  
TEST & EOL**

TESTING



## PRODUCTS PORTFOLIO



- STATISTICAL PROCESS CONTROL AND PRODUCT CONTROL
- ONLINE DATA COLLECTION
- 100% CUSTOMIZABLE WITH AD HOC MODULES
- GREAT UX

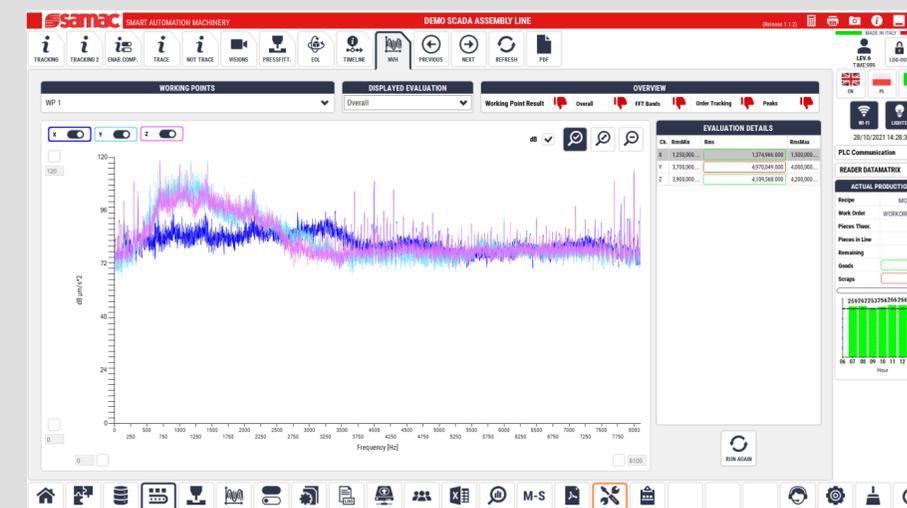
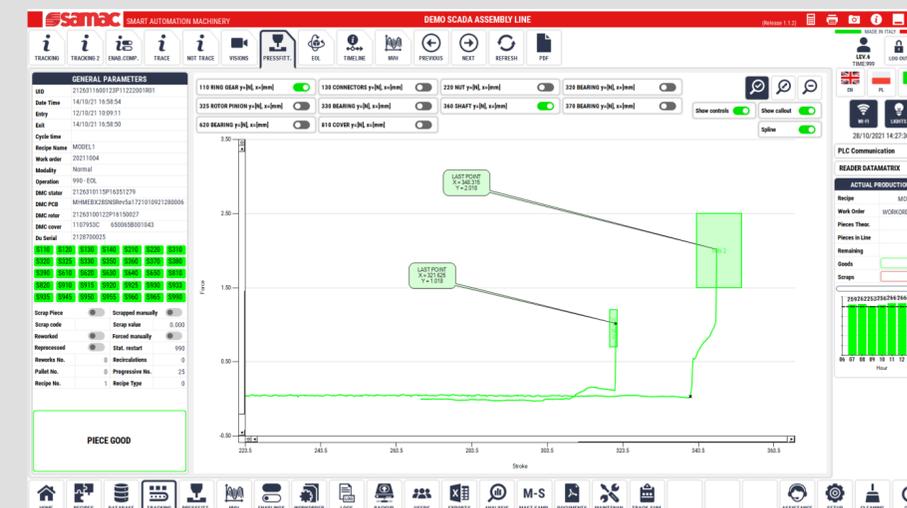
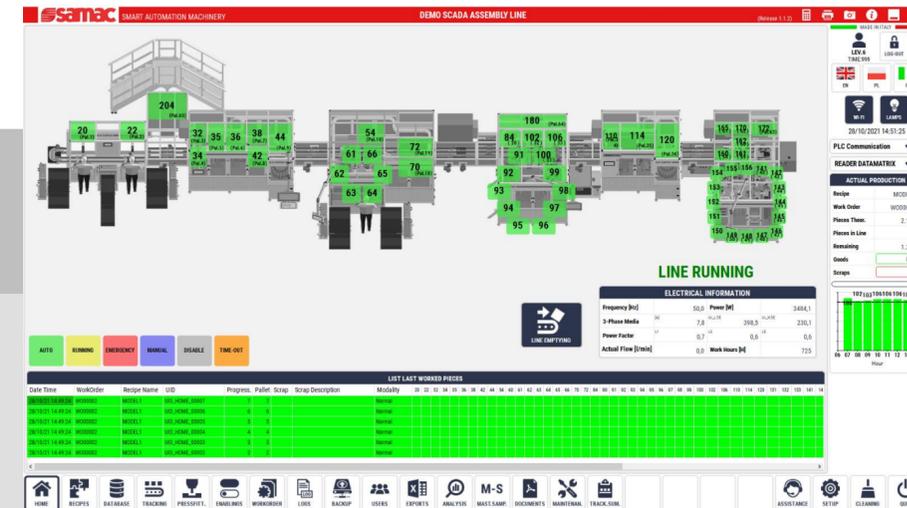
## TYPICAL APPLICATIONS

- STATISTICAL PROCESS ANALYSIS FOR HIGH VOLUME MASS PRODUCTION PARTS
- ERP INTEGRATION
- PREDICTIVE MAINTENANCE MANAGEMENT
- ENERGY CONSUMPTION MANGEMENT



# APPLICATIONS

- USE OF AUGMENTED REALITY FOR ASSISTANCE
- REMOTE CONTROL OF THE EQUIPMENT STATUS
- BIDIRECTIONAL COMMUNICATION WITH ERP SYSTEMS (E.G. SAP, S400, DB2, etc..)
- SOFTWARE INTERCONNECTION WITH UNITS INTEGRATED IN THE LINE
- VISION SYSTEMS FOR DETECTION AND AUTOSETTING UNITS IN PROGRESS
- TRACEABILITY SYSTEM BEFORE, DURING AND AFTER THE PROCESS
- AUTO-SETTING CHANGEOVER DEVICES
- INTEGRATION OF WEARABLE WIDGETS
- OFF-SITE GUIDED SUPPORT
- SHARING IN CLOUD OF PRODUCTION DATA



INDUSTRY 4.0



THANKS  
FOR THE ATTENTION