



THE MEDICAL AUTOMATION





The deep **knowledge** of rigid and soft plastic materials makes **A UNO TEC** the ideal partner for the design and supply of **customized turnkey assembly machines**.

Tubing sets and components for infusion and dialysis therapies require **smart technologies**, highlighting the impressive **know-how** gained over the years and proved worldwide.

KNOW HOW

The combination of technologies and different medical disposables has led us to fulfill a huge variety of needs and requirements.

Key to success merging in our automated assembly machines are:

- › Customized **design**
- › **State-of-the-art technology** in processing soft and rigid components
- › 100% in-house design and **after-sales service**
- › Knowledge sharing and side-by-side **cooperation** with the Customer
- › **User-friendly** operator interfaces and software
- › Made in Italy with **full compliance** to European standard of quality and certifications
- › In-line check and **real time test** of both assembly process and product
- › Reduced and **easy** routine **maintenance** required
- › Teleservice to ensure fast and reliable **remote support**

TECHNOLOGY OVERVIEW



FEEDING

Uncoilers, bowl and centrifugal feeders, elevator hoppers and linear feeders, flexible pick & place systems.



MOTION

Indexed linear transfers and rotary tables, cams, free-pallets lines, robots.



PROCESSING

Tubing cutting and punching, tip forming, ink-jet and pad printing, laser marking, die cut, laser cut, coils fastening to round and oval shapes.



ASSEMBLY

Bonding with solvents and UV glue, ultrasonic and hot welding, mechanical insertion, monitored torque screwing, spin-riveting.



TESTING

Leak and flow, visual checks, X-ray inspection, pull, torque and functional tests.



DISCHARGING

Random to boxes, sorted on conveyors, directly into blisters or flowpack machinery.

SMARTEST **AUTOMATION**

FOR **INFUSION** AND **DIALYSIS** DISPOSABLES

PRODUCTS OVERVIEW



TUBING
SETS



COMPONENTS



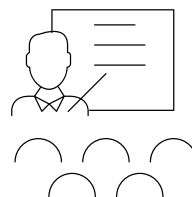
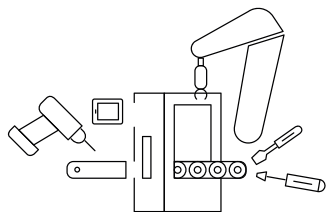
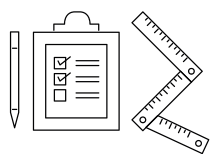


PHARMAPACK



CUSTOMIZED AUTOMATION

TOTAL CARE AND CLOSE COOPERATION FOR MUTUAL SATISFACTION



From first assessments to training and after-sales support, we care about each step:

- › NDA for industrial secrets and privacy protection
- › Feasibility study and proof of principle
- › Improving suggestions and tips
- › Tailor-made and concept quotation
- › Doubts and objection listening
- › Design sharing for project approval
- › Work-in-progress status updating
- › Acceptance test
- › Installation and training
- › Documentation and literature
- › Routine maintenance planning

Best care and quality flow to our machines and “modus operandi”:

- › 24/7 non-stop production with minimum human attendance
- › Extended working autonomy
- › Top performance and lifetime reliability
- › User-friendly HMI and remote supervising (wi-fi tablet)
- › Easy access for best maintenance
- › Full compliance with safety requirements
- › Prompt remote First-aid and worldwide technical support
- › Tailor-made maintenance contracts
- › Choice of worldwide reliable-findable Brands
- › ID Marking on parts for spares request
- › Stainless steel electro-welded main frames
- › Soundproof cabinets and hoods
- › Fumes and vapors outlet conveyors
- › In-house fully furnished and qualified mechanical workshop
- › 5100m² assembling and testing area

CONTACTS





A UNO TEC S.R.L. started back in the 80's as designer and provider of solutions for industrial sectors such as Medical, Pharmaceutical, Cosmetics and Food.

In 2005 the Company joined DI QUATTRO Group, today **HDQ S.p.A. Group**, with over 150 employees and 3 productive plants in Mirandola (certainly one of the most important Medical district worldwide). The acquisition boosted the business and A1 started focusing on the Medical field thanks to the specific 20-year experience of designers and technicians.

We are proud to provide smart machines for the assembly of tubing sets and components. We are grateful to the world's leading Medical Companies which prove our growing success.



A UNO TEC S.R.L.

Via Alberto Montorsi, 45
41037 Mirandola (MO) - ITALY
tel +39 0535 24218
fax +39 0535 20805

www.aunotec.it
info@aunotec.it