

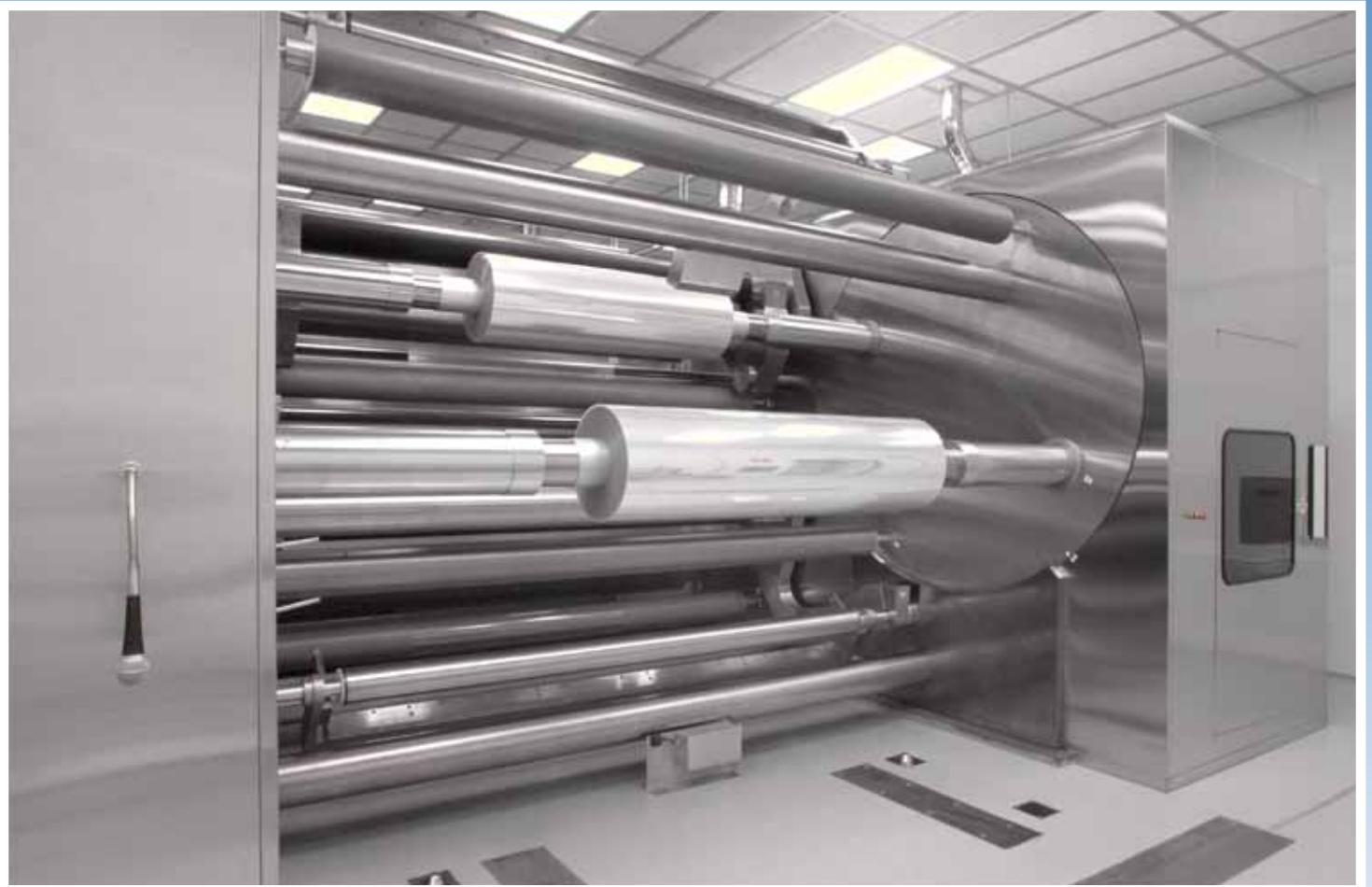


235 McLean Blvd. Paterson, NJ 07504

P: (201) 670-4848 F: (201) 670-8867

[neweraconverting.com](http://neweraconverting.com)

# CLEANROOM EQUIPMENT



Zero-Foldover Cleanroom Turret Winder

# NEW ERA

## Cleanroom Equipment

New Era produces a wide variety of cleanroom equipment, from simple components to fully integrated processing lines, engineered to meet specific web processing needs. This equipment can be provided to meet cleanroom classifications as demanding as Class 100 (ISO 5). Depending on application needs, New Era can supply equipment manufactured in accordance with our Tier I or Tier II specifications.

All equipment is designed and constructed to conform to the most rigid standards and is continuously audited and inspected to assure compliance. New Era's commitment to detail in the design and build process results in a finished product capable of meeting your requirements.

### TIER I

#### General Specifications

- Generally Class 10,000 and above
- Exposed welds are continuous and ground smooth.
- Exposed structural surfaces are epoxy painted.
- Exposed sharp corners are minimized.
- Equipment components are mounted outside of sideframes wherever possible and enclosed in epoxy painted steel enclosures.
- All machine piping and wiring is in cross-machine stretchers or under painted covers.
- All pneumatic device exhaust air is piped out of area.
- Wherever possible, TENV motors are used.
- Wherever possible, sealed for life bearings are used.
- Operator interface buttons are integral to the unit.



Tier I Cleanroom Coating and Laminating Line



Turret Unwind with Automatic Roll Handling Cart



Automatic Turret Unwind



Combination Embosser/Laminator

## TIER II

### General Specifications

- Generally below Class 10,000
- Exposed welds are continuous and ground smooth
- Exposed structural surfaces are plated (nickel or chrome) or fabricated from stainless steel.
- Exposed sharp corners are minimized.
- Equipment components are mounted outside of sideframes wherever possible and enclosed in exhausted stainless steel enclosures.
- All machine piping and wiring is in cross-machine stretchers or under stainless steel covers.
- All pneumatic device exhaust air is piped out of area.
- Wherever possible, TENV motors are used. Non-TENV motors are exhausted outside the area.
- Wherever possible, sealed for life bearings are used.
- Operator interface is via touchscreen wherever possible. Flush-mounted membrane type buttons are used elsewhere.



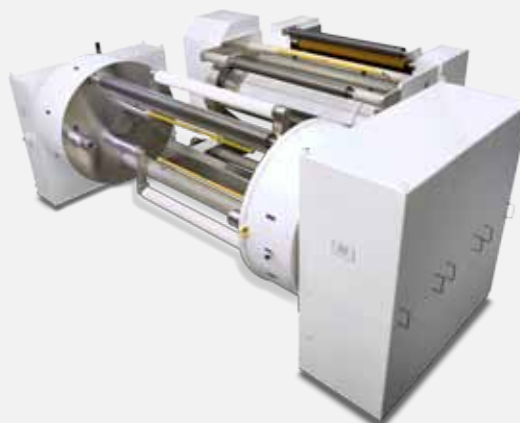
Tier II Cleanroom Pilot Line



Tier II  
Two-Station  
Cleanroom  
Coating Line



Cartridge Style  
Cleanroom Coater



Turret Winder with Patented  
Zero-Foldover Transfer Assembly



Cleanroom Combination 4-Roll  
Reverse Roll and Die Coater

# We are **NEW ERA**

New Era Converting Machinery is a world leader in processing equipment for the web converting industry. Conveniently located in a 48,000 square foot facility in Northern New Jersey, New Era offers a wide variety of web converting equipment including: unwinds, winders, coaters, laminators, embossers, dryers, drive and control systems, roll handling equipment and web handling systems. From simple components and sections to fully integrated high-speed automatic process lines and systems, New Era can engineer a solution to meet your requirements.

New Era's customer driven approach to equipment engineering and design allows users to obtain systems that are tailored to their needs. Our Process and Design expertise allows us to tackle even the most challenging applications in an efficient, cost-effective manner. Demanding practices are employed in the manufacturing, assembly and testing of every piece of equipment we provide.

New Era is committed to incorporating cutting-edge technology into its products. We maintain a fully operational, highly flexible Pilot Line Facility as well as a production scale Unwind/Winder Test Stand System, allowing us to work with our customers in developing new equipment and processes. Several of our Patents have assisted customers in meeting their needs.

New Era offers complete Turnkey Services for all of its products. Our experienced staff can provide these services around the world in a professional, timely fashion.

No matter how small or how large your needs are, look to New Era to provide you with a solution engineered for maximized productivity.

