

Meco reel to reel plating tools

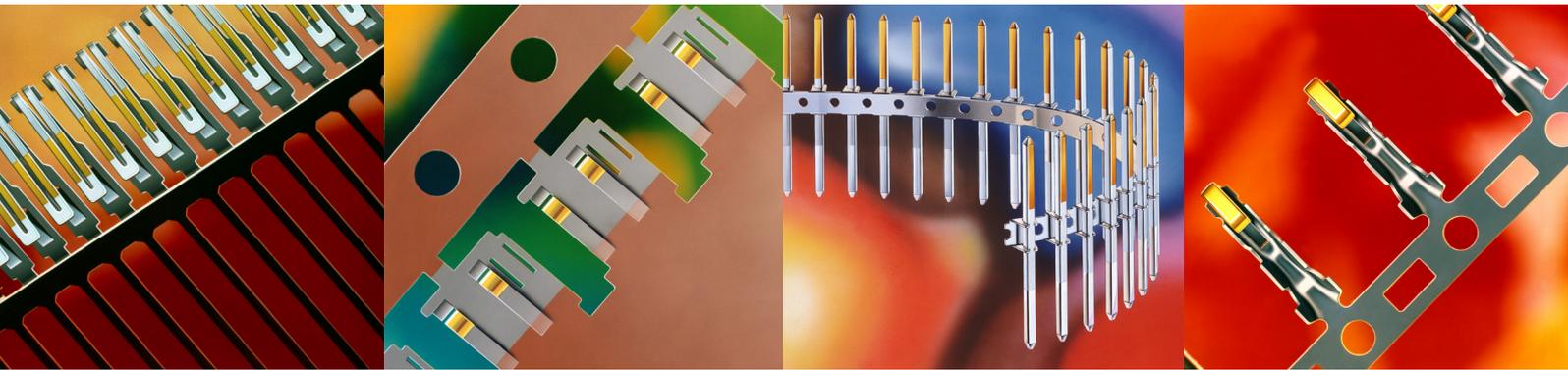
Engineered to fit the future

Whether you are an OEM, Manufacturer, Supplier or Plating Contractor, everyone faces new challenges such as increasing costs related to more stringent quality and environmental standards. With a 50 year track record in the design and production of plating tools and the continuous innovation of reel to reel equipment, Meco meets the latest industry standards to face these challenges. Meco plating tools are the world's benchmark for high speed reel to reel plating solutions. Our high speed all-over Nickel, Selective

Gold, Palladium and Silver as well as selective Tin and Indium depositions rates are the highest available against the lowest production costs.

Tracing and logging

Product tracing and data logging enables you to analyze the events which occurred during the production of a reel, this will easily meet Automotive quality requirements.



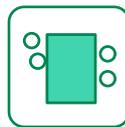
B6 USER
INTERFACE



FUTURE
DESIGN



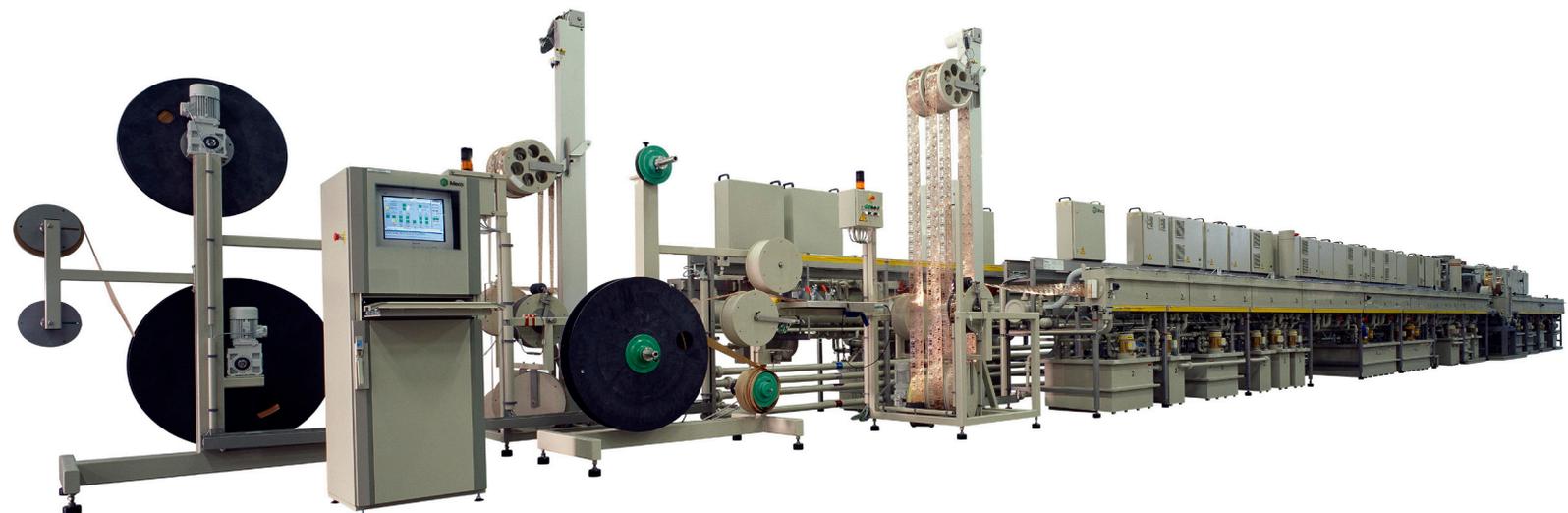
WHEEL
UNIT

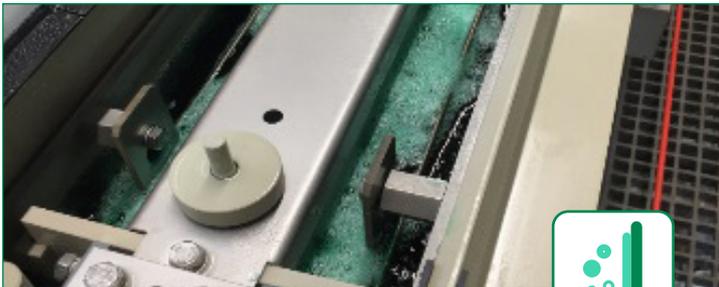


HIGH SPEED
PLATING JIG



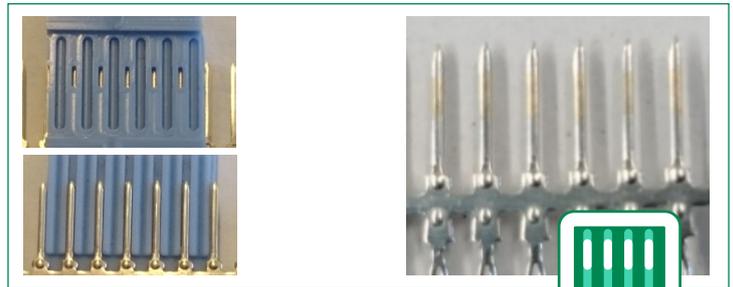
SELECTIVE
TECHNOLOGY





High speed Nickel plating jig

- Deposition speed all-over Ni: 30A/dm²
- Quick change over to controlled depth



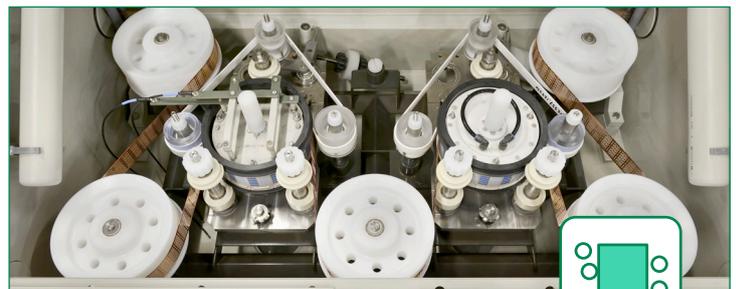
Selective technology

- Front- and/or rear side plating only on small pitch products
- Multiple stripes, single or double sided on flat-stock
- Contour plating
- (Mini)Spot plating, also on heavy power products
- 3D plating
- Bushing Plating



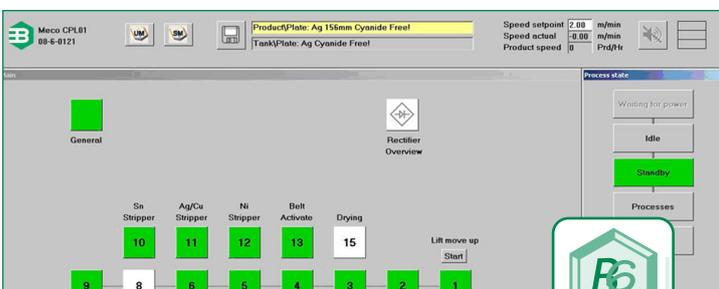
Future design

- Industry standard
- High Yield
- Customized machine configuration
- Advanced AI with Microsoft Hololens
- Unbeatable cost of ownership
- 3D manual



Wheel unit HS250

- High speed plating:
Au (60A/dm²), Ag (100A/dm²) and Pd (130A/dm²)
- For plating Spots, Stripes and Front/Rear sides.
- 2 plating positions, capable to plate on 2 sides
- No twisting required
- Quick conversion



B6 User Interface

- Lot tracing/Data Logging: Full traceability of your Lots, Reels and Products.
- Multi language support
- Integrated Manual
- Electronic Log Book
- Touch screen operation
- OPC, SPC and SECS-GEM (HSMS)

Product tracing

Capability to link any machine event, error, warning or readout to a produced reel or batch. Upon barcode scanner input, machine will verify production queue and correct matching recipe. RAM, OEE and maintenance features are standard.

Mecological equipment

Meco plating machines are equipped with various low emission features: Smart cascade systems reduce the drag-out to virtually zero, insulated tanks to reduce energy consumption, cyclone systems to extract metals from the exhaust and wet blow-offs for extreme effective rinsing with a minimum water usage resulting in a >70% drag-out reduction.