



Powder Coating Equipment
powceq.com

Company Profile



- Established 1998

- Privately Owned JSC

- Business: Design and Manufacturing of Powder Coating Equipment & Complete Painting Systems



Employment Profile



DEPARTMENTS

- R&D
- Engineering & Project
- Planning & Production
- Automation & Electric / Electronic
- Painting device
- Quality Assurance
- Installation / Aftersales & Maintenance
- Purchasing
- Accounting and Finance
- Sales

Our team includes

135 people

People in total



Company Certificates



ISO 9001:2008
Quality
Management

UKR-SEPRO
Ukrainian
Standard

TSEK
Turkish Standard



GOST-R
Russian Standard

CE
European
Conformity

ATEX
European
Conformity

Vertretungen



- Europaweit
- CIS Länder (Russland, Ostst.)
- Mittlerer Osten
- Afrika



Solutions



MANUAL APPLICATIONS



BAR TRANSFER SYSTEMS



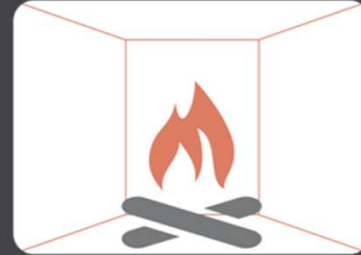
CONVEYORISED LINE



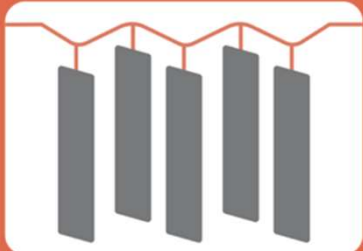
Products



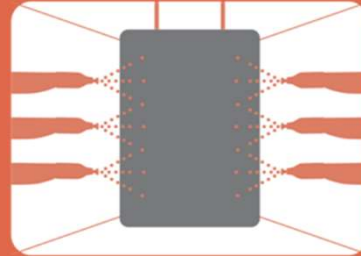
PRETREATMENT SYTEMS



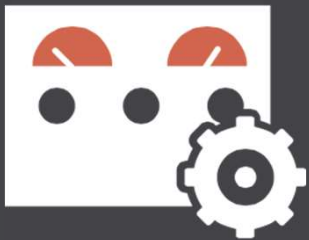
DRYING & CURING OVENS



CONVEYOR SYSTEMS



APPLICATION SYSTEMS



CONTROL SYSTEMS



SPECIAL DESIGN



PRETREATMENT SYSTEMS

Tunnel Pretreatment

Chamber Pretreatment

Dipping Pretreatment



We produce pretreatment systems;

- Nano Technology Lines (Oxsilan, Bonderite etc.)
- Degreasing and Etching Lines
- Iron Phosphating & Zinc Phosphating Lines
- Chromating & Chrome Free Lines
- Spraying & Dipping Pretreatment Lines
- Savings
- Minimum Chemical and Water Consumption





DRYING & CURING OVENS

Tunnel Ovens

Box Ovens

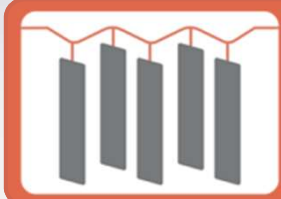
High Temperature Ovens



We produce drying & curing ovens with;

- Conveyorised or box type designs
- Tunnel, U-Turn or special designs
- Maximum energy save & high productivity
- Correct insulation & minimum heat leakage
- Homogeneous air distribution
- Precise engineering & smart solutions
- Modern safety protections & standards





CONVEYOR SYSTEMS

Cardan Type

Power & Free

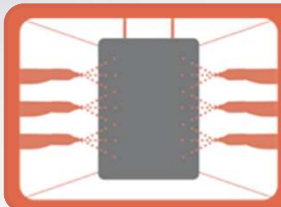
Webb Type



We produce conveyor systems including;

- Monorail , Power & Free or Axial Conveyor Lines
- Automatic or Manual Lubrication
- Optimum solutions as per customers requirements
- High quality and durable bearings
- Modern safety and quality standards





APPLICATION SYSTEMS

Powder Coating

Liquid Coating

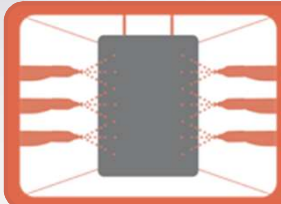
PTFE (Non-stick)



We produce powder coating booths with;

- Cyclone or Filter Type Recovery Systems
- Plastic or Metal Made Bodies
- Modern Quick Color Change and Classic Designs
- High Powder Recovery Percentage
- Maximum Energy Savings
- Soundproof Fans in CE Standards





APPLICATION SYSTEMS

Powder Coating

Liquid Coating

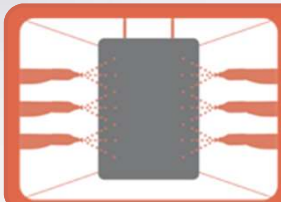
PTFE (Non-stick)



We produce liquid coating systems with;

- Water Draft or Dry-filter Type Filtration Systems
- Pressurised Room or Open Type Designs
- Conveyorised or Manual Application
- Stainless Steel or Galvanized Steel Material
- Heating or Cooling Options
- Suitable Designs from Small Parts to Big Volume Items
- High Percentage Paint Stopping and Separation





APPLICATION SYSTEMS

Powder Coating

Liquid Coating

PTFE (Non-stick)



We produce PTFE application systems with;

- Water Draft or Dry Type Spray Booths
- Preheating and High Temperature Curing Ovens
- Pretreatment & Washing Systems
- Smart Application Systems
- Maximum Energy Savings & Optimum Productivity
- Conveyerised or Manual Application





SPECIAL DESIGN

Compact Type Powder Coating Line for Aluminium Profiles

Aging Oven for Aluminium Profiles

Wood Effect Line for Aluminium Profiles

Special Purpose Curing & Drying Ovens





CONTROL SYSTEMS



- ✓ Easy and Reliable Operation
- ✓ Retrievable Data and History
- ✓ Energy Saving Build-in Systems
- ✓ Safe Back-up
- ✓ Interface For Online Service



E-Coat Series



E-COAT Master Series / Automatic Electrostatic Powder Coating Equipment

The E-COAT Master Series devices are available to set up its electrical and pneumatical values via the PLC screen and are adaptable to the automation. With high coating performance it is capable of fast coating of difficult surfaces, has 50 different receipt saving memories, a double-action-trigger to recall the previous receipt and is available to set up from the back side of the gun. It also gets remote-connected and will work with the maximum highest performance. On the device itself, it has options as Smooth Surface Coating, Second Layer Coating and Difficult Surface Coating.

E-COAT Master Series

E-COAT Master H (Hopper)

E-COAT Master M (Multicolor)

E-COAT Master B (Bare Type)

OPTIONAL ADD-ONS

Fast-Purge Module

Fast-Corona Module



E-ROBOT Series



E-ROBOT Reciprocators & PLC Systems

Automatic Series

- Get a perfect finish with consistent uniform film thickness
- Speed-up production
- Perfectly synchronized with reciprocators
- Centralized powder feed hopper with powder pumps

Reciprocators

- Smooth, swift and precise movement for speedy and uniform coating
- Reduced powder consumption
- Quick operation change with pre-programmable option settings for automatic selections of stroke and speed
- User friendly touch screen panel to control speed and stroke length
- Wide memory with 99 receipts. Last working time and total working time can be saved
- PLC controlled axis and automations



E-Coat Series

E-COAT Pro Series / Automatic Electrostatic Powder Coating Equipment

E-COAT Pro Series devices are very efficient and intelligent with the availability to set the current and voltage values and use the manometer and regulator in common. E-COAT Pro Series, with its working options in itself Smooth Surface Coating, Second Layer Coating, Difficult Surface Coating, is capable to keep 50 different receipts in its memory

E-COAT Pro Series

- E-COAT Pro H (Hopper)
- E-COAT Pro M (Multicolor)
- E-COAT Pro B (Bare Type)



E-COAT Basic Series / Manual Powder Coating Equipment

E-COAT Basic Series devices are the new generation equipment with the availability of setting the current and voltage values via the LED screen. E-COAT Basic Series equipment, which has the common usage of manometer and regulator, has the options to coat Smooth Surface, Second Layer and Difficult Surface.

E-COAT Basic Series

- E-COAT Basic H (Hopper)
- E-COAT Basic M (Multicolor)
- E-COAT Basic B (Bare Type)



E-GUN Series



E-GUN Series / Automatic and Manual Guns




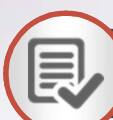

Changes the signals sent from the E-Coat Series powder coating control unit, to static electrical energy and provides the control unit with the necessary feedback signals. With the help of various types of nozzles, coats different types of products with a high precision and efficiency.

- Voltage Multiplier System that provides feed-back signals
- With the help of its body coated with anti-static additive, coats easily and effectively
- Maximum user-comfort even in long term operations with its 505 gr weight and new generation ergonomic structure in manual types
- Safety working conditions with the special PUR sheathed cable
- Quick hose/colour change with its quick adapter of powder coating hose
- Easy cleaning with its special design electrode and nozzle types
- ATEX II 2 D, IP64 type protection class
- Ability to apply various types of powders on different products with E-GUN Corona ion-collector and different nozzle options with angle and various patterns



Assembly, after sales services and spare parts



-  Installation
-  Test & Commissioning
-  Maintenance Services
-  Spare Parts
-  Quick and Simple Feedback



Company Area



Factory with 10,000 m² total area



Production Facilities



3D Printer



Roll-Forming Machines



Laser Cutting Machine



Press Brake Machine



Shear Machine



Lathe Machines



Milling Machines



Welding Machines



Router Machine

(plastic cutting and etc.)

Why you should choose us as a business partner?



Electron is the best partner for you.



Because:

- ✓ Electron has manufacturing experience since 1998
- ✓ Electron has quality production facilities and high capacity production lines
- ✓ Electron has qualified, skilled, experienced and well-equipped engineers and workers,
- ✓ Electron is certified for high quality standards and production.
- ✓ Electron has the ability to achieve turnkey projects and powder coating equipment with its own production departments.
- ✓ Electron exports to about 30 countries around the world and has capacity to make service and supply with spare parts all its customers.

Vertretungen

- Europaweit
- CIS Länder (Ru., Ostst.)
- Mittlerer Osten
- Afrika
- Asien
- Süd-Amerika
- USA*
- Australien





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