



booyssis



BOYSIS

MAKINE TAAHHUT SANAYI VE TICARET
ANONIM SİRKETİ

Boysis designs and installs complete paint shops for metal sectors, (automotive, white goods, etc.) aluminum profiles, plastic, wood and other industries over the world.

Boysis A.Ş. combines product, process and project know-how drawn from decades of experience in the fields of paint finishing, application, conveyor techniques and environmental engineering to offer comprehensive, well-balanced system solutions that satisfy even the highest expectations of production process optimizations.



Company Name	BOYSIS MAKINE TAAHHÜT SANAYI VE TICARET A.S.
Tax Registration	SARIGAZI V.D. 1820151487
Company Registration	441435 / 389017
Established	2000
Legal Status	Anonim Sirketi
Capital Paid	80,000,000 TL
e-mail	info@boysis.com
web	www.boysis.com

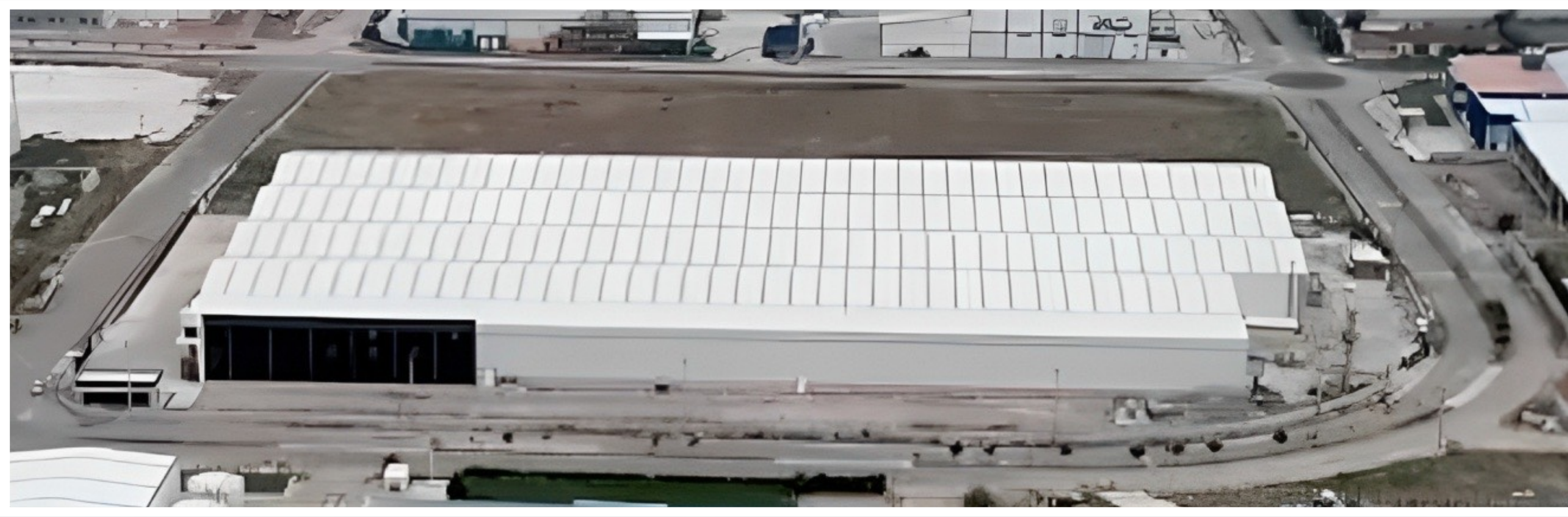
Headquarter

Address	Serifali Mahallesi Hüsrev Sk. No:2/3 34775 Ümraniye/ISTANBUL
Telephone	+90 (216) 526 52 42
Fax	+90 (216) 526 53 03

Factory

Address	Bugdaylı Mah.Tastepe Mevkii 5.Cad. No 15 Gönen /Balıkesir
Telephone	+90 (266) 781 10 21
Fax	+90 (266) 781 10 23



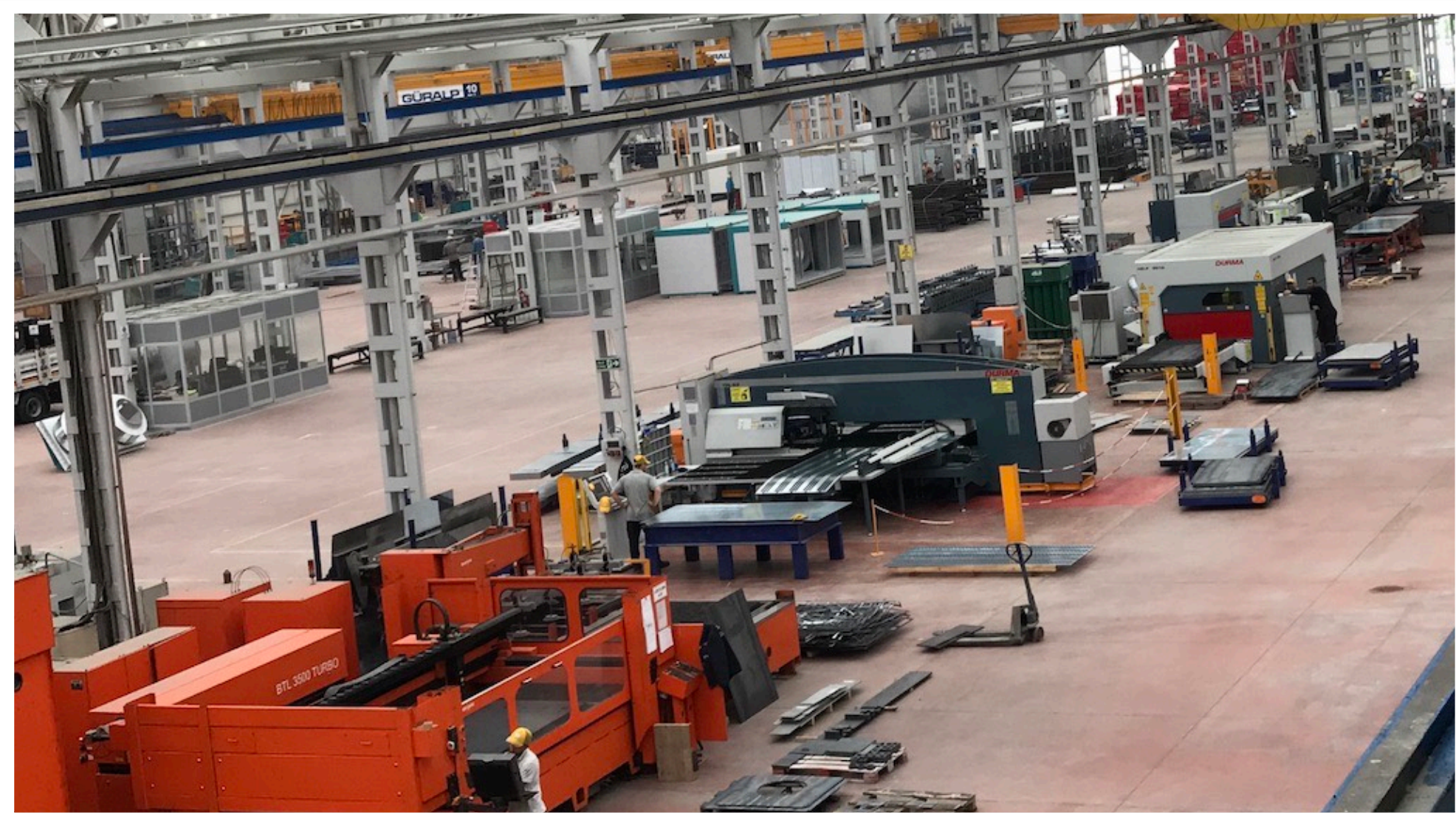


Boysis Production
Line

50,000 m² open area
20,000 m² closed area



PRODUCTION

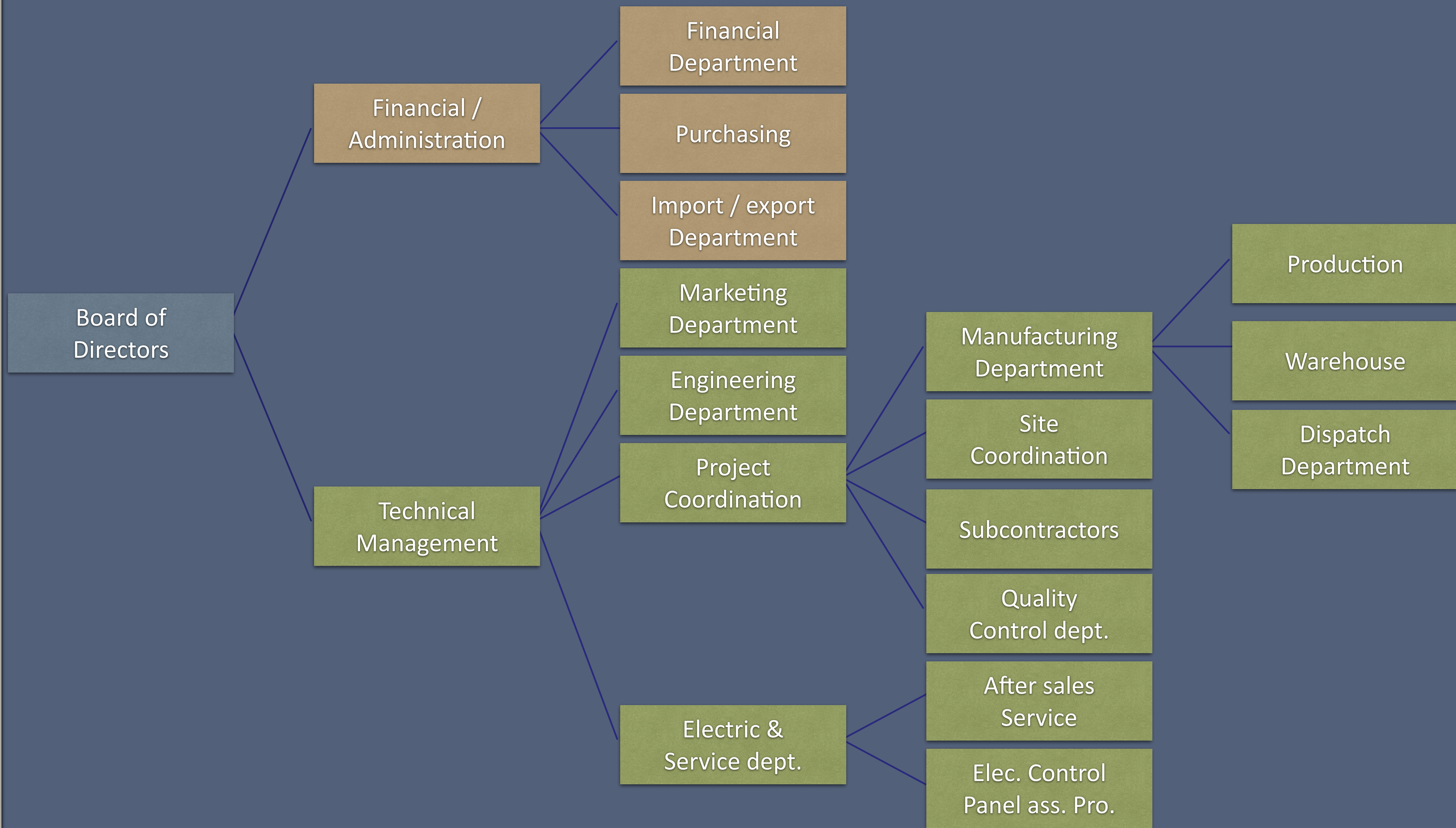




PRODUCTION



ORGANIGRAM



STAFF



Board of Director	Osman Şeker	Mechanical Engineer (MBA)
Member of Board	Selçuk Ilgaz	Mechanical Engineer
Project Coordinator	Onur İnce	MSc. Electronic Engineer
Factory Manager	Hasan Onay	Technical Highschool
Sales Manager	Semih Şenocak	MSc. Mechanical Engineer
Project & Planning Manager	Muammer Köse	Business Administration
Technical Manager	Süleyman Yıldırım	Mechanical Engineer
Purchasing Manager	Evin Tutkan Arpa	Mechanical Engineer
Robotic Application Manager	Oğuz Yılmaz	Machine T. Engineer
Design Manager	Volkan Bülbül	Industrial Designer
Electric and Software Manager	Sezai Topal	Computer Programmer
Sales Engineer	Elif Leşanoğlu	Mechanical Engineer
Purchasing Engineer	Burcu Saklı	Mechanical Engineer
Robotic Application	Şemsi Çevik	Mecatronic Engineer
Robotic Application	Cihan Aksoy	Mecatronic Engineer
Robotic Application	Furkan Özer	Mecatronic Engineer
Robotic Application	Abdülkadir Arpacı	Mecatronic Engineer
Paint Application	Kenan Tangüner	Mecanical Engineer
Paint Application	Cemil Coşkun	Automotive System Engineer
Electric Control System	Muhammet Güngör	Electric Engineer
Design Engineer	Uğurcan Doğan	Mechanical Engineer
Design Engineer	Rıdvan Olgun	Mechanical Engineer
Design Engineer	Seçkin Can	Mechanical Engineer
Design Engineer	Baran Alagöz	Mechanical Engineer
Aftersales service	Önder Akkaya	Mechanical Engineer
Design Engineer	Gün Kerimoğlu	Mechanical Engineer
Software Engineer	Turan Köprülü	Control and Automation Engineer
Designer	Mustafa Yıldız	Industrial Designer
Designer	Ayfer İşcan	Industrial Designer
Designer	Rıdvan Çalışkan	Industrial Designer
Designer	Seçkin Korkmaz	Industrial Designer
Designer	Ali Arslan	Industrial Designer
Designer	Nilüfer Emre	Industrial Designer
Designer	Serhat Uçak	Industrial Designer
Financing Manager	Sema Merdamert	Business Administration
Accounting Manager	Salih Kılıç	Business Administration
Administrative Affairs	Ercüment Kaya	International trade and business
Administrative Affairs	Selen Ergen	International trade and business

BOYSIS TECHNICAL AND ADMINISTRATIVE TEAM

Engineer	28
Business Administration	20
Technician	38
Electric, Software and Robotic	19
Industrial Designer	9
Boysis workers	49
Subcontractor	125
Total	288



ACTIVITIES

Turn-key Painting Lines

Pretreatment

Cataphoresis

Anodizing

Wet Paint Systems

Powder Coating

Ovens

Conveying Systems

Control Panels

Waste Treatment





PRETREATMENT SYSTEMS

The term pretreatment refers to a combination of chemical cleaning and conversion coating.

The purpose of a conversion coating is two fold. It improves corrosion resistance and provides a surface more accepting of the organic coating, subsequently enhancing adhesion.

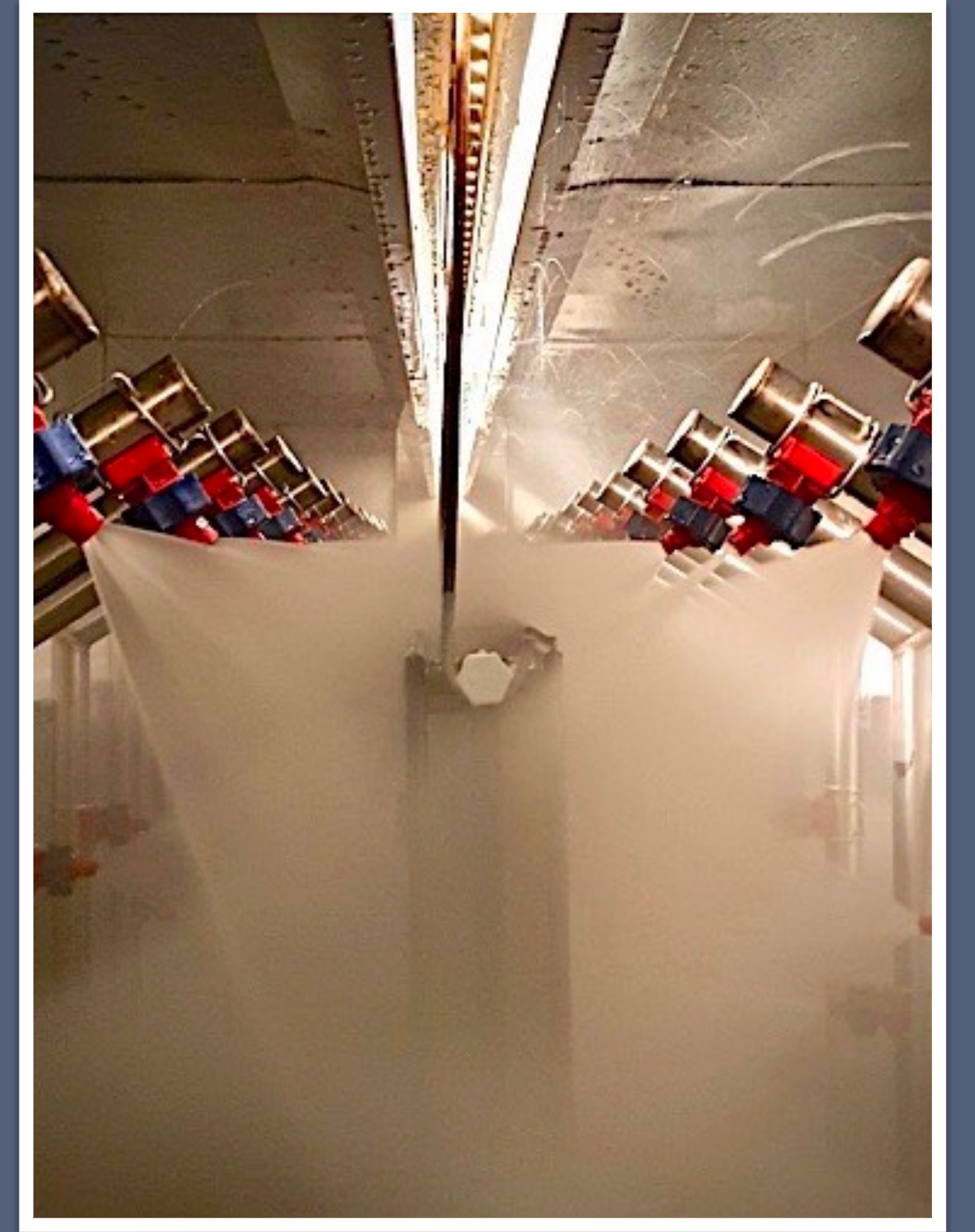
PRETREATMENT



PRETREATMENT



PRETREATMENT



CATAPHORESIS



CATAPHORESIS (Electrodeposition) SYSTEMS

Electro-coating is an organic coating method that uses electrical current to deposit paint onto a part or assembled product. Because of its ability to coat even the most complex parts and assembled products with specific performance requirements.

CATAPHORESIS



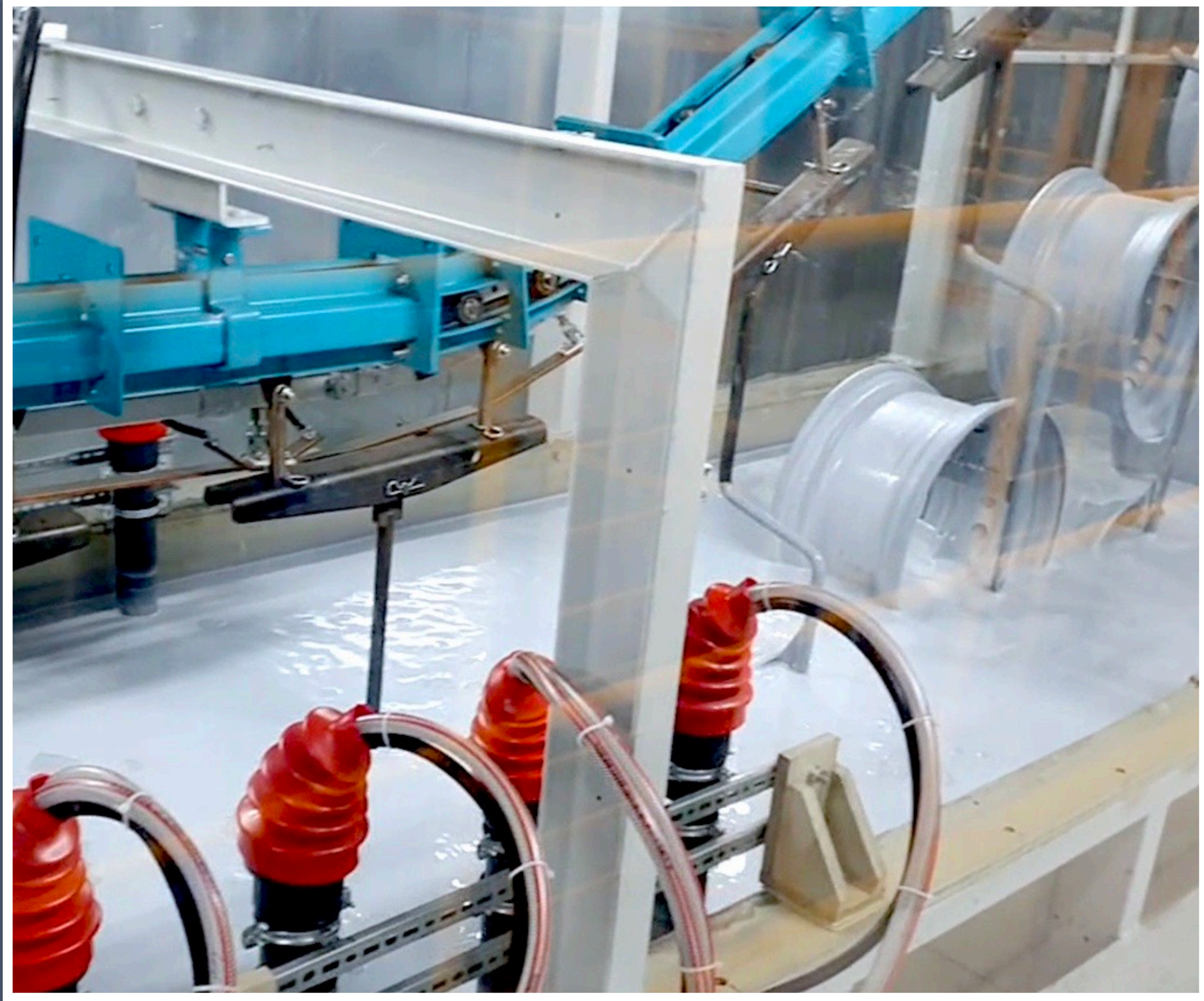
CATAPHORESIS



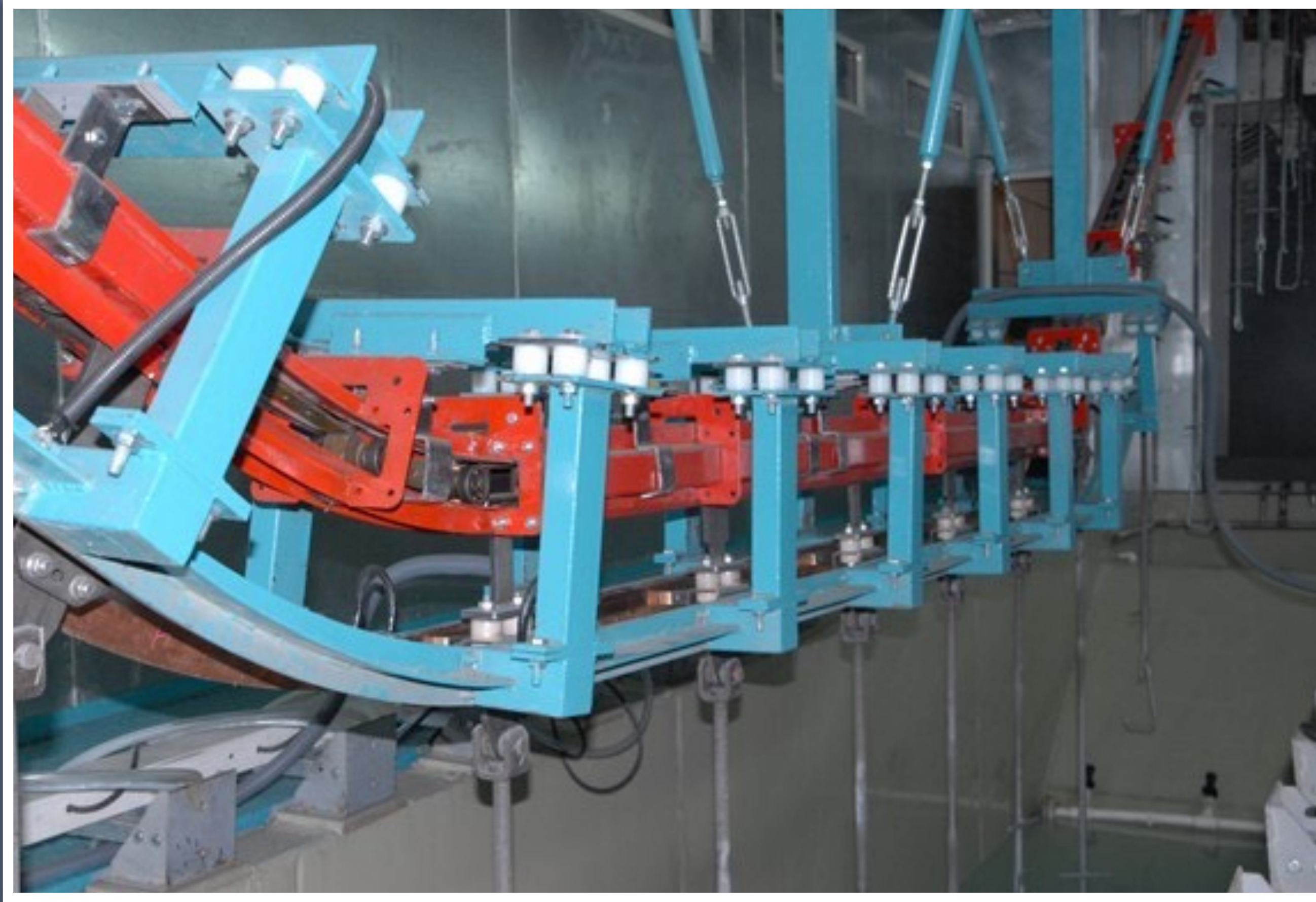
CATAPHORESIS



CATAPHORESIS



CATAPHORESIS





ANODIZING

Anodizing is a special electro chemical coating; coating requires electrochemical treatment. Anodic oxidation is penetrate to the aluminum body this gives a perfect corrosion resistance and decorative view. Anodic oxidation is using last 70 years in various industries.

ANODIZING



ANODIZING





WET PAINT APPLICATION SYSTEMS

The primary function of a paint spray booth is to reduce the likelihood of fires and explosions. A secondary consideration is protecting the operator from toxic materials. This protection is best done with respirators, protective clothing, and hoods.

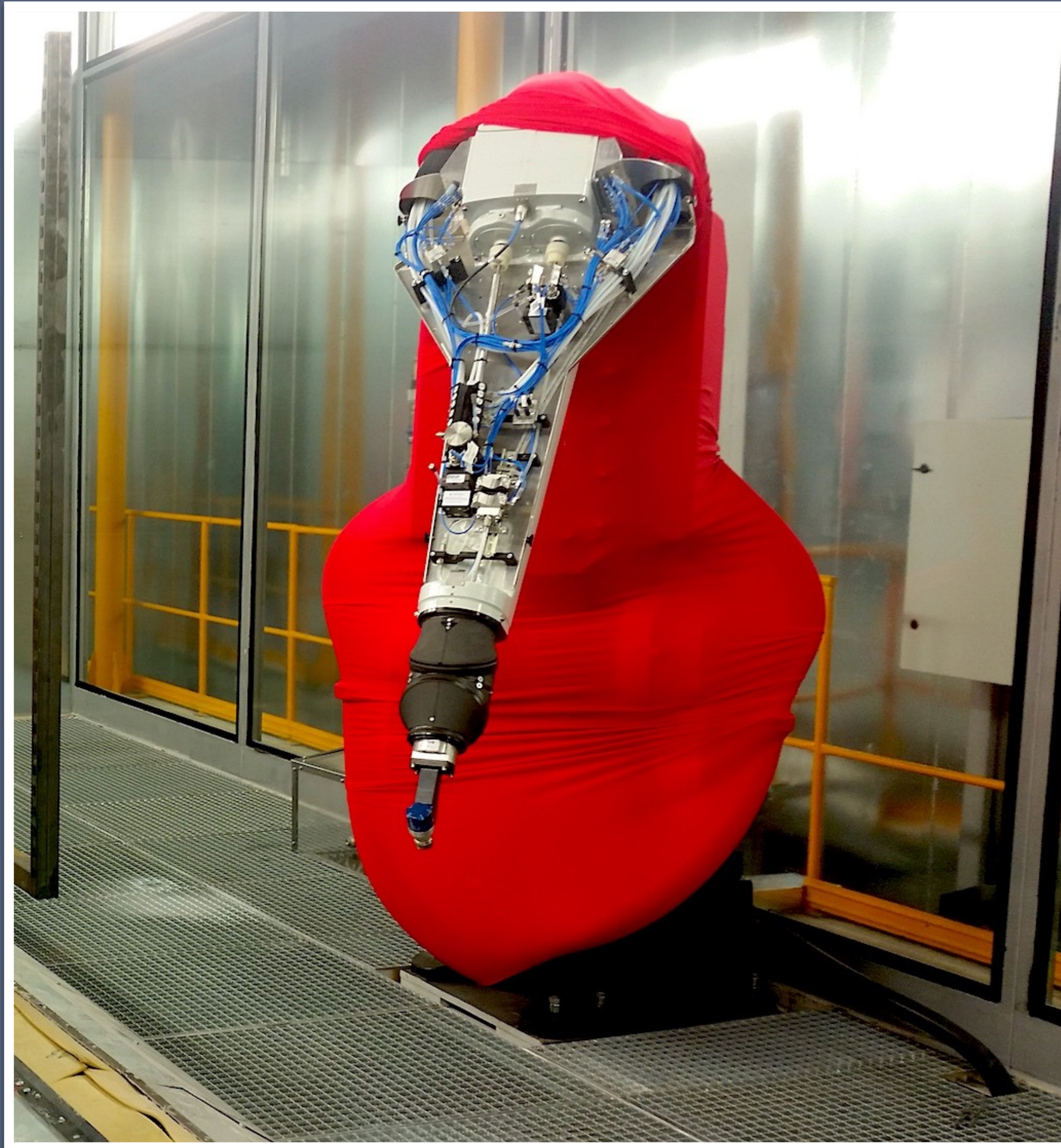
WET PAINTING SYSTEMS



WET PAINTING SYSTEMS



WET PAINTING SYSTEMS



POWDER COATING

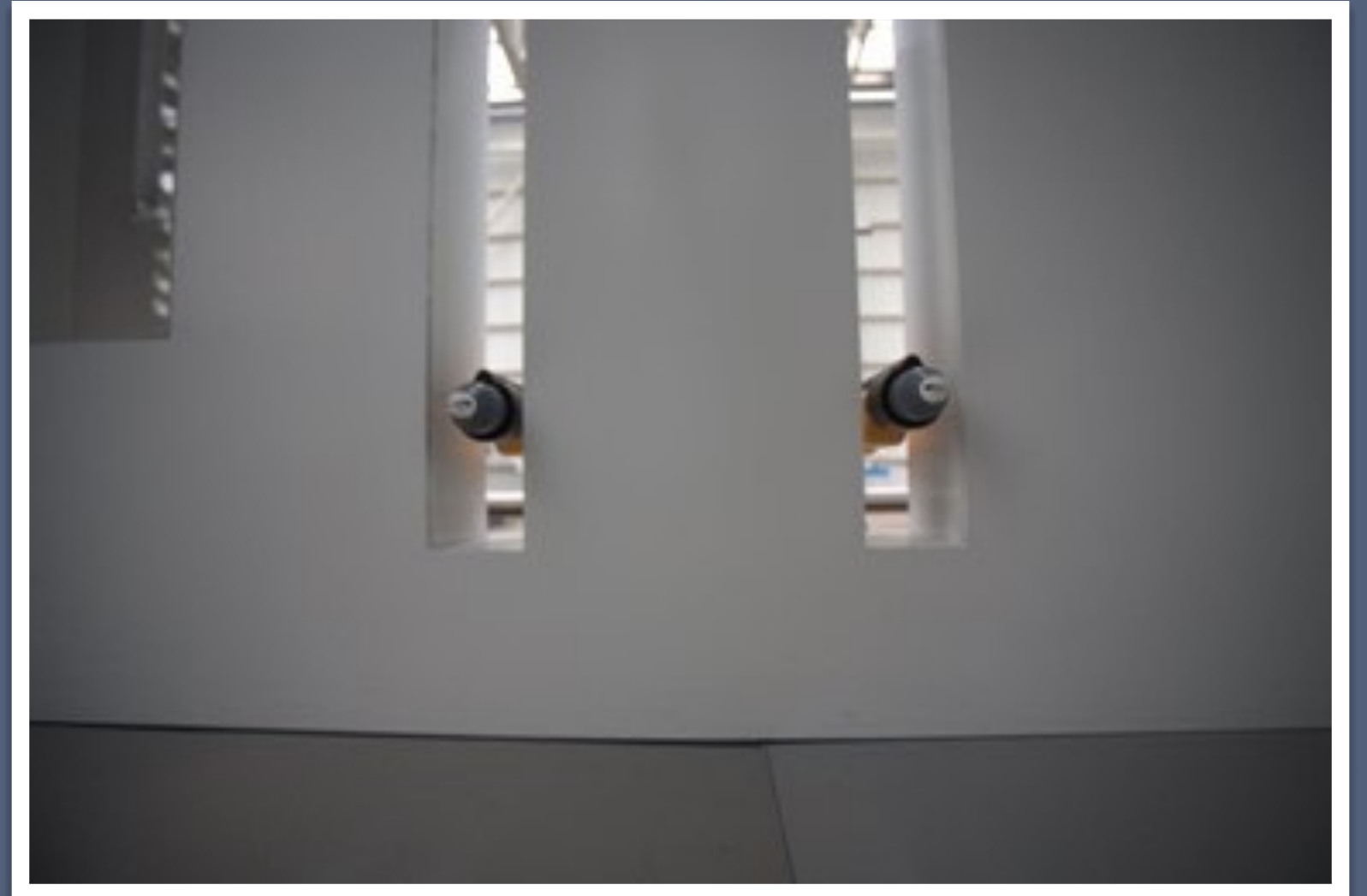


POWDER COATING SYSTEMS

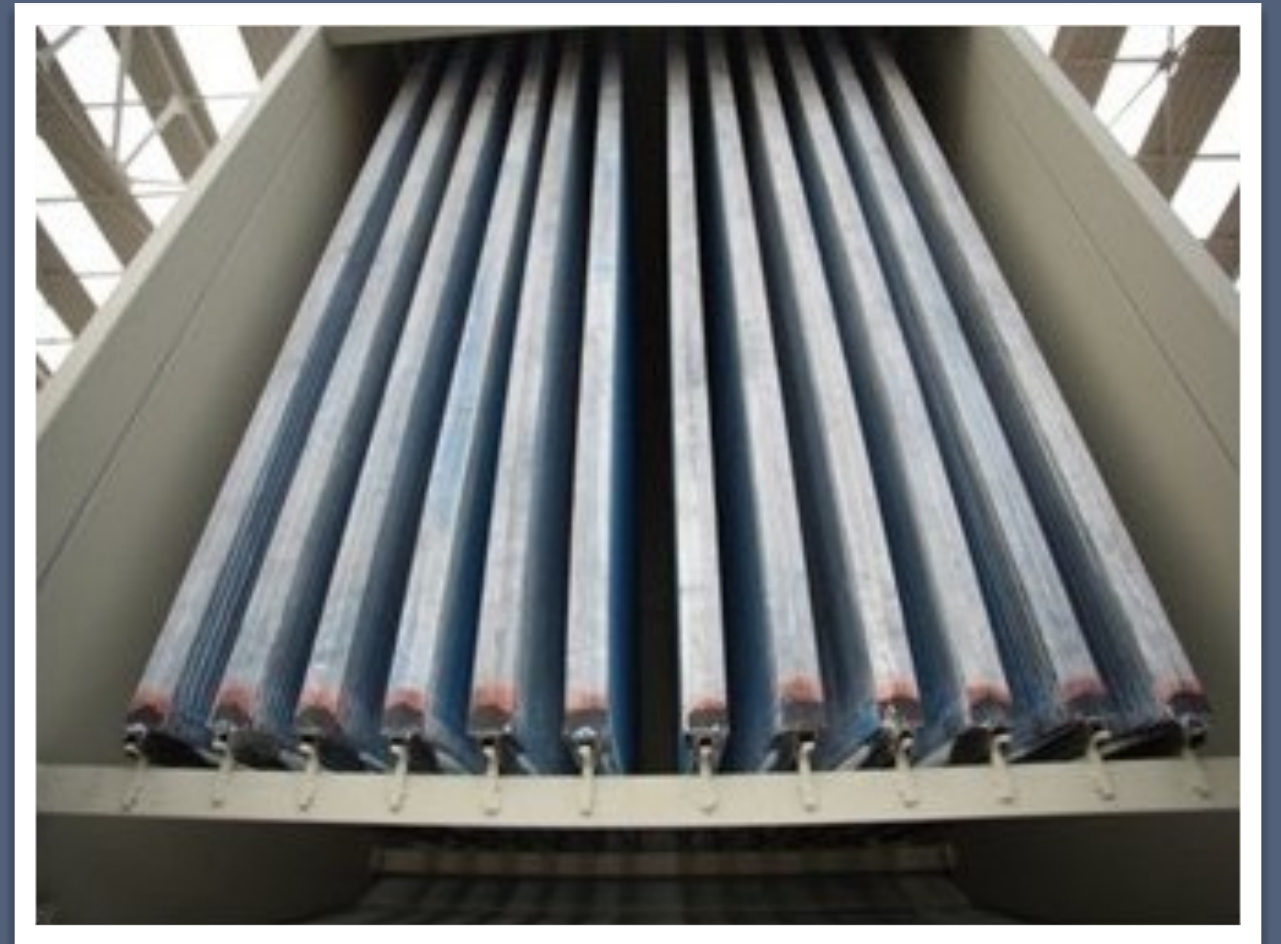
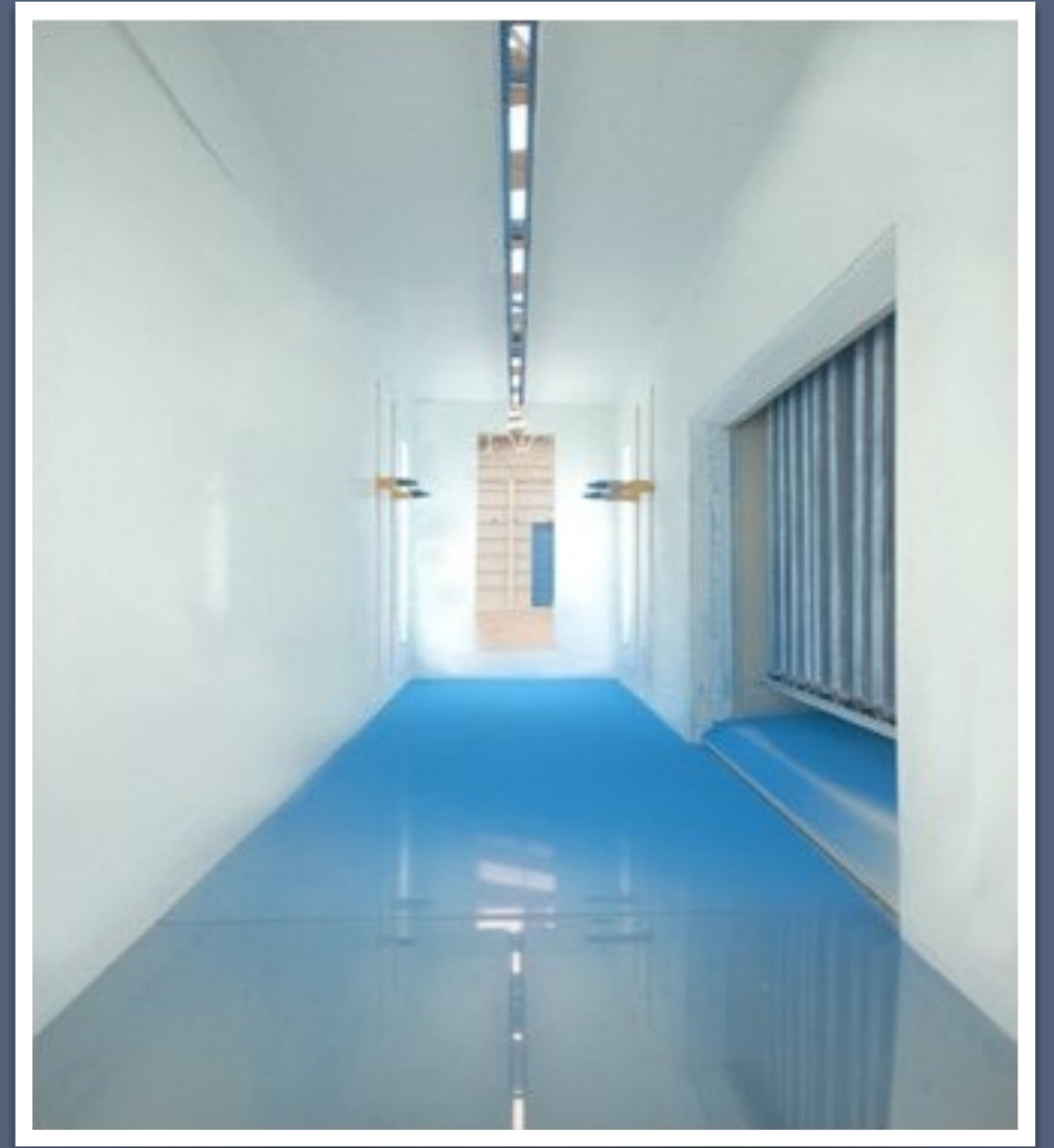
Powder coating is environmentally friendly. Unlike liquid finishing where solvents are used, powder coatings do not release volatile organic compounds (VOC's) into the atmosphere.

Furthermore, powder can be recycled and used again, powder coating is the right solution to fulfill high demands in performance and quality.

POWDER COATING



POWDER COATING





CONVECTION OVENS

The desired outcome is for the combination of pretreatment, application, and cure to produce a coating with specific physical and chemical properties. Understanding the operation of a convection oven requires the examination of the systems at work within the unit. There are five major components in an oven: the shell, the heater, the supply system, the circulation system and the exhaust system.

INFRARED OVENS

Infrared radiation can be used in a variety of different applications, from drying and curing to preheating before a convective oven. Whether infrared radiation is used in the finishing process of organic coatings on products such as light fixtures, hot water tanks, shelving units, or insulated doors, line speeds can be drastically increased, and cost savings can be realized.

OVENS



OVENS



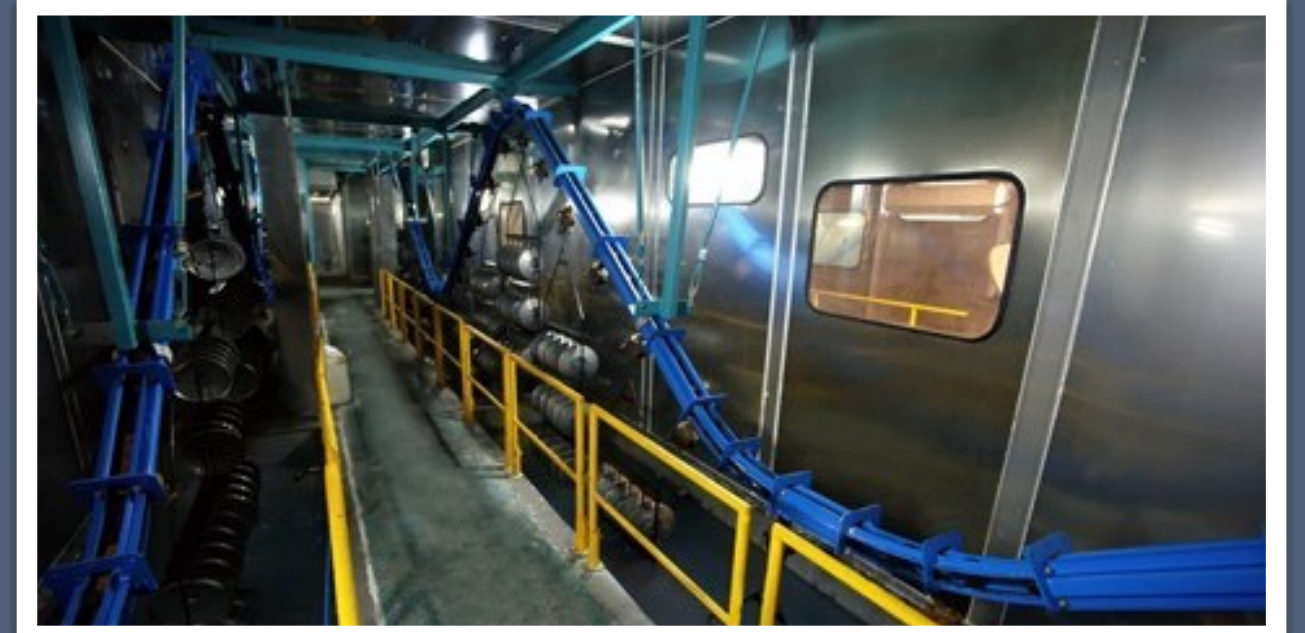


Material handling equipment used in finishing systems has very basic requirements in the planning stages, whether applying a powder or wet coating. The main purpose is to transport product efficiently through the system to improve product quality and increase the productivity of the finishing operation.

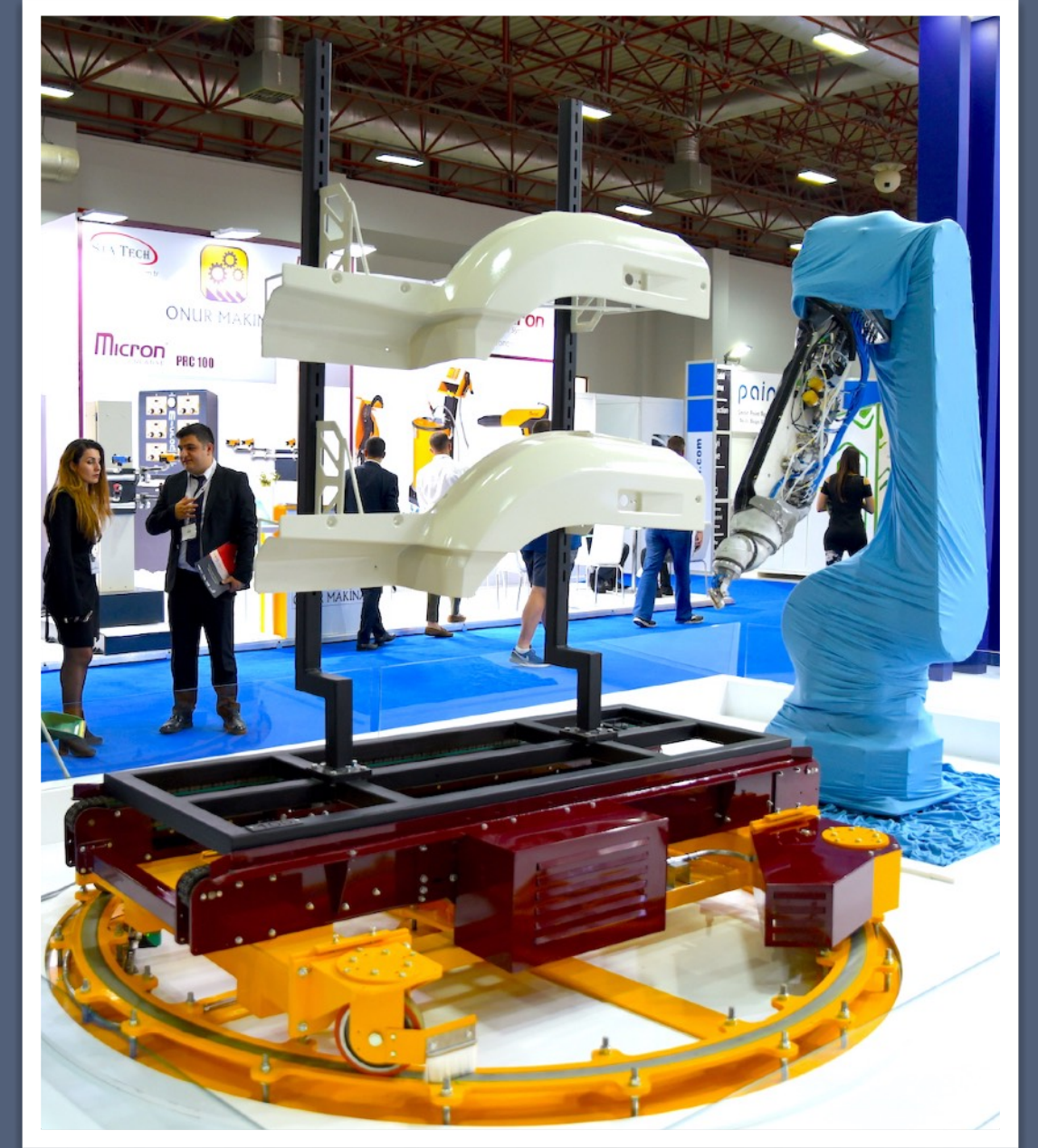
CONVEYING SYSTEMS



CONVEYING SYSTEMS



CONVEYING SYSTEMS



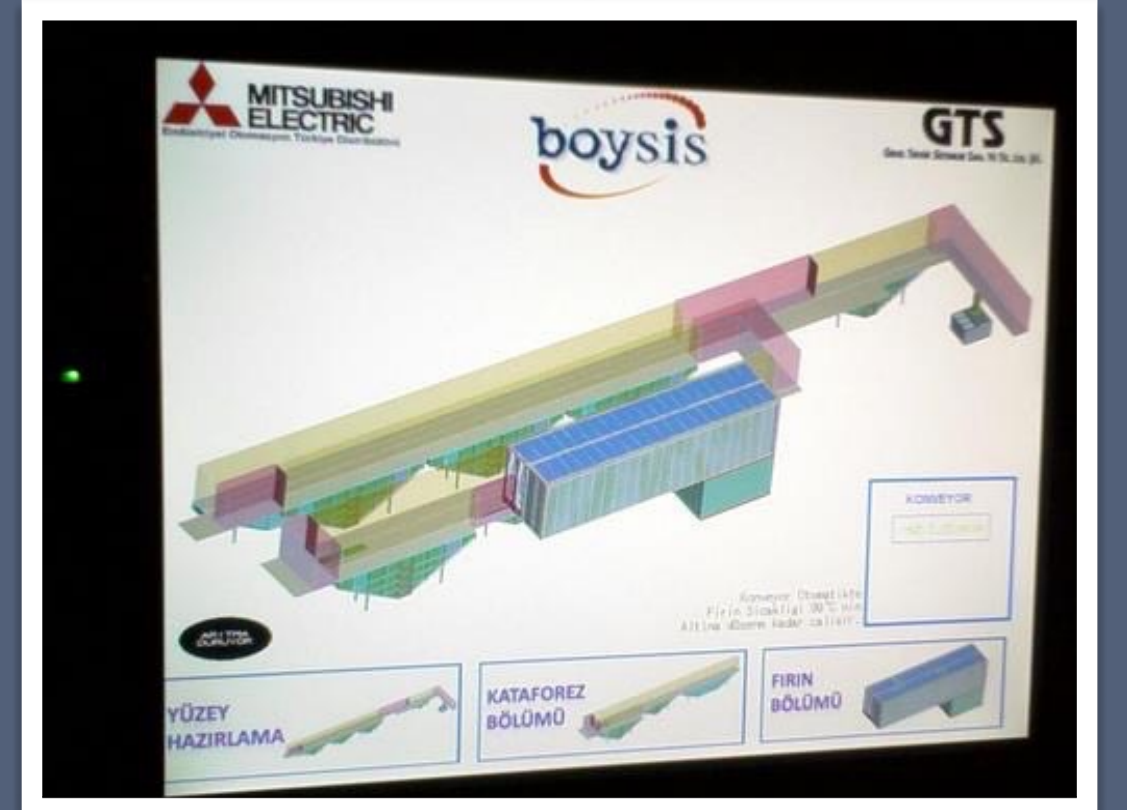
CONTROL PANELS



CONTROL PANELS

All the control panels are designed and assembled by our company. For high tech automation PLC and Scada systems are used. All technical requirements and needs of production are providing with these automation systems.

CONTROL PANELS



BIOLOGICAL AIR TREATMENT



WASTE TREATMENT

In painting plants there are two kinds of waste. One of them is air and the other one is liquid waste. For air purification Biological treatment, incinerator and carbon filter system is applicable. For liquid discharge whether alkali or acid waste various treatment systems is offering.

WASTE TREATMENT



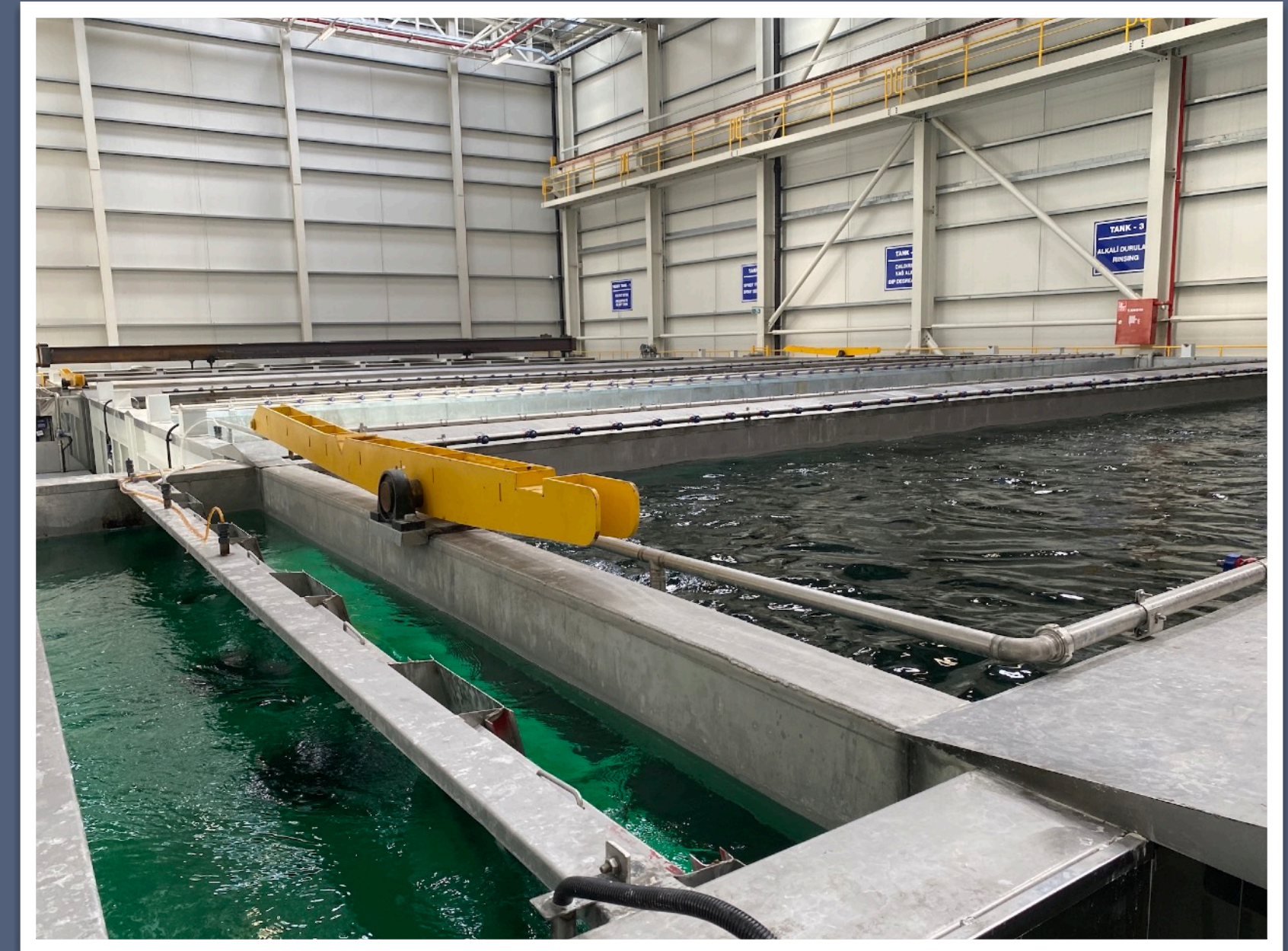
WASTE TREATMENT



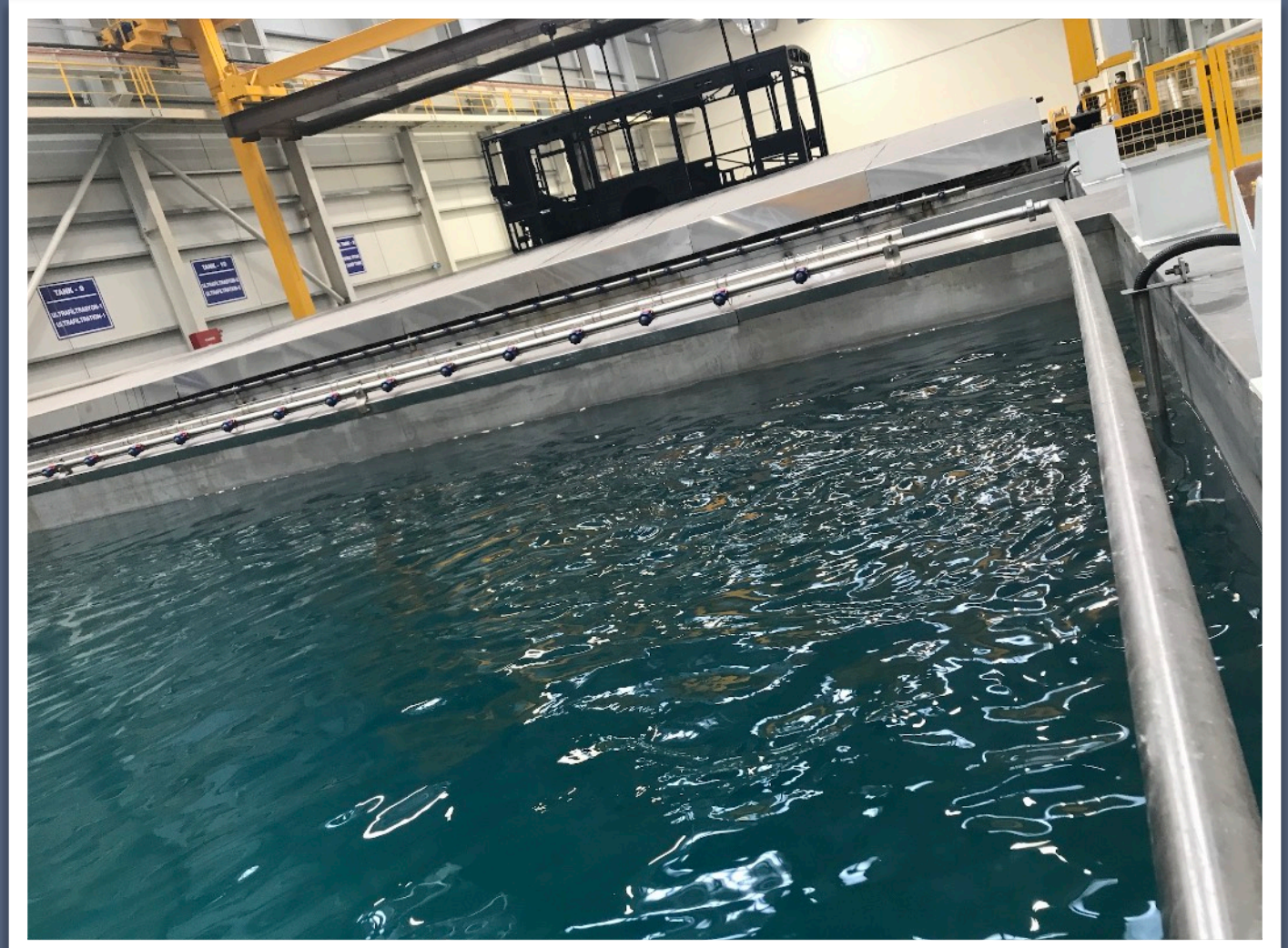
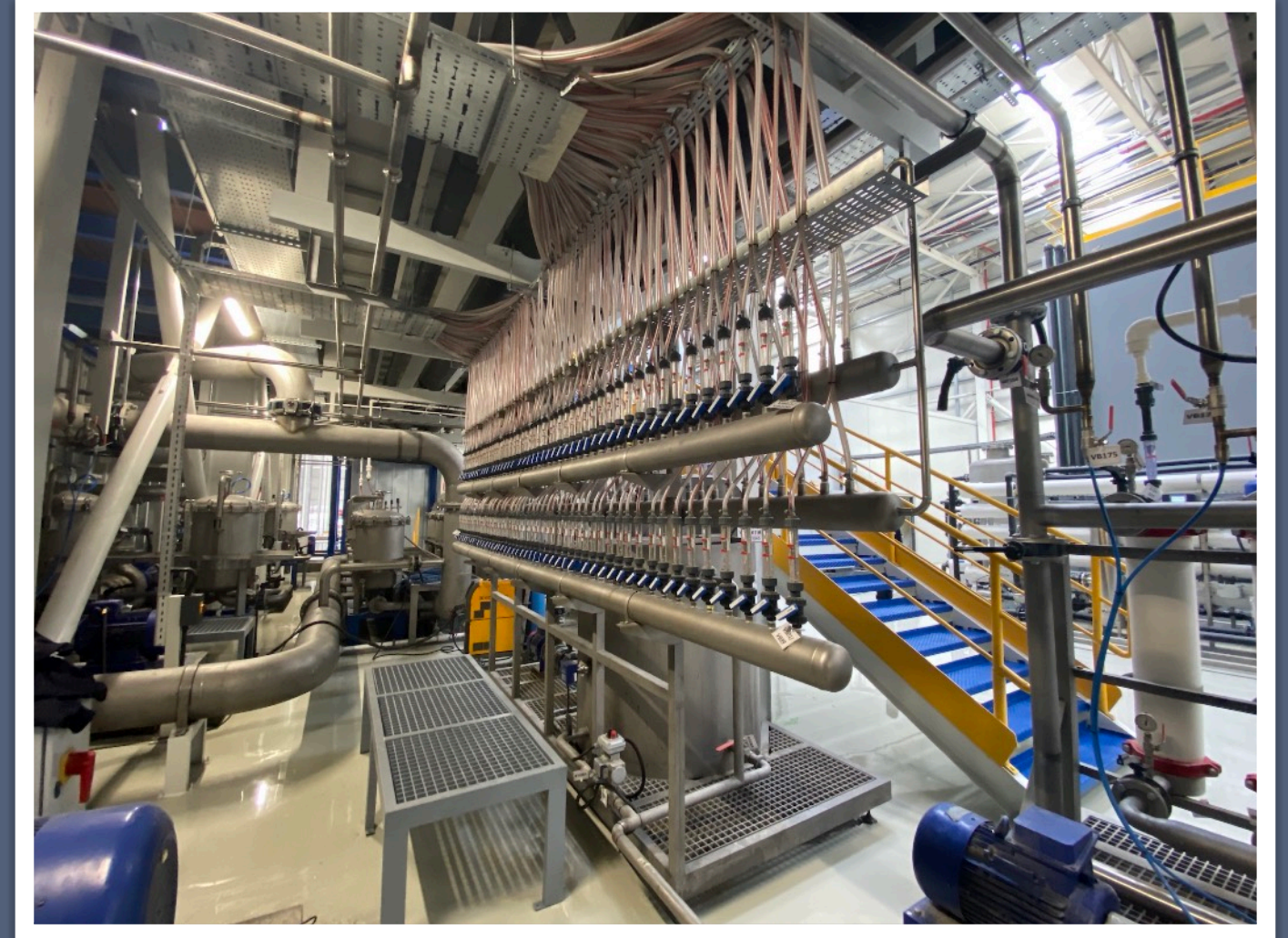
WATER TREATMENT

REFERENCES

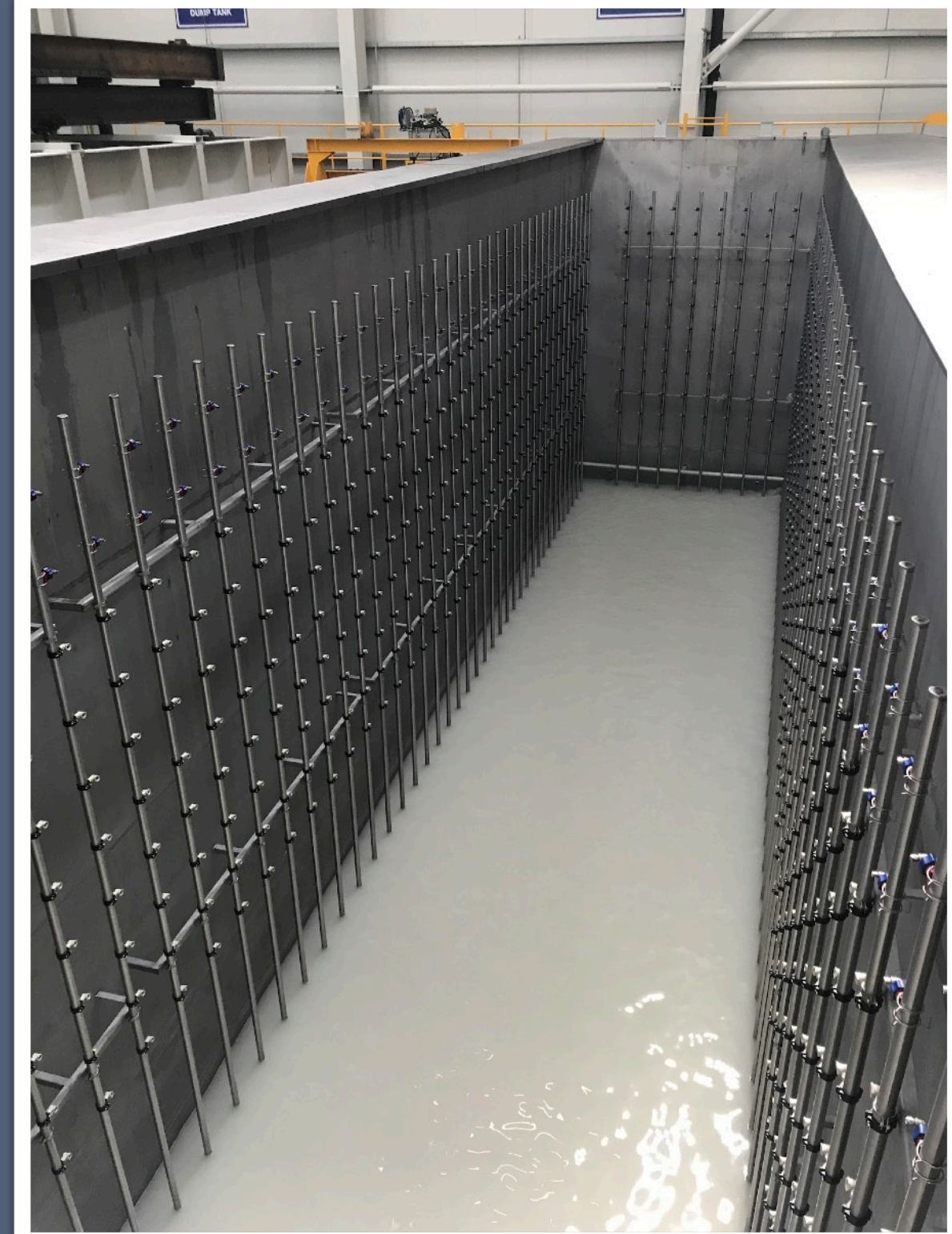
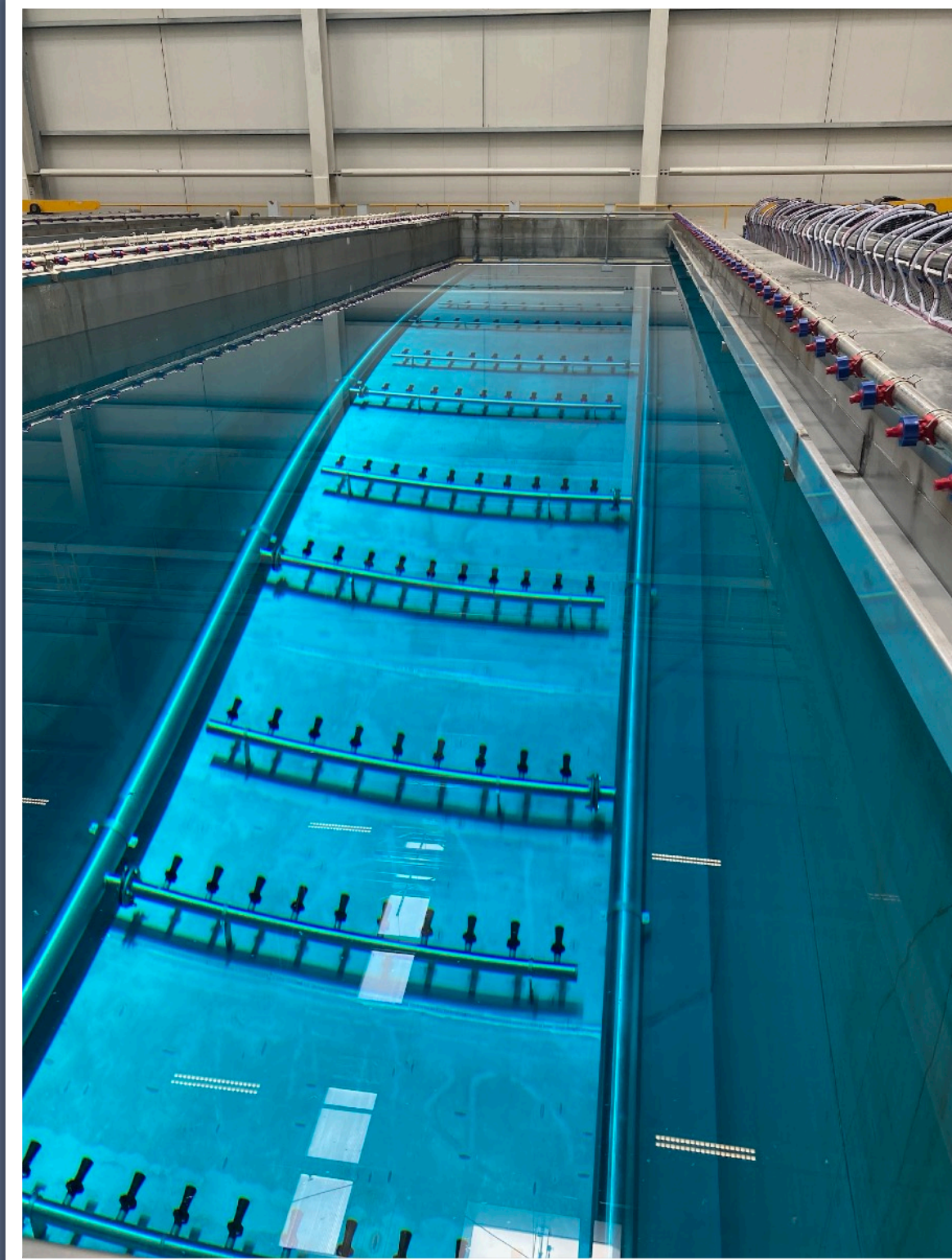
OTOKAR / BUS E/D COATING LINE



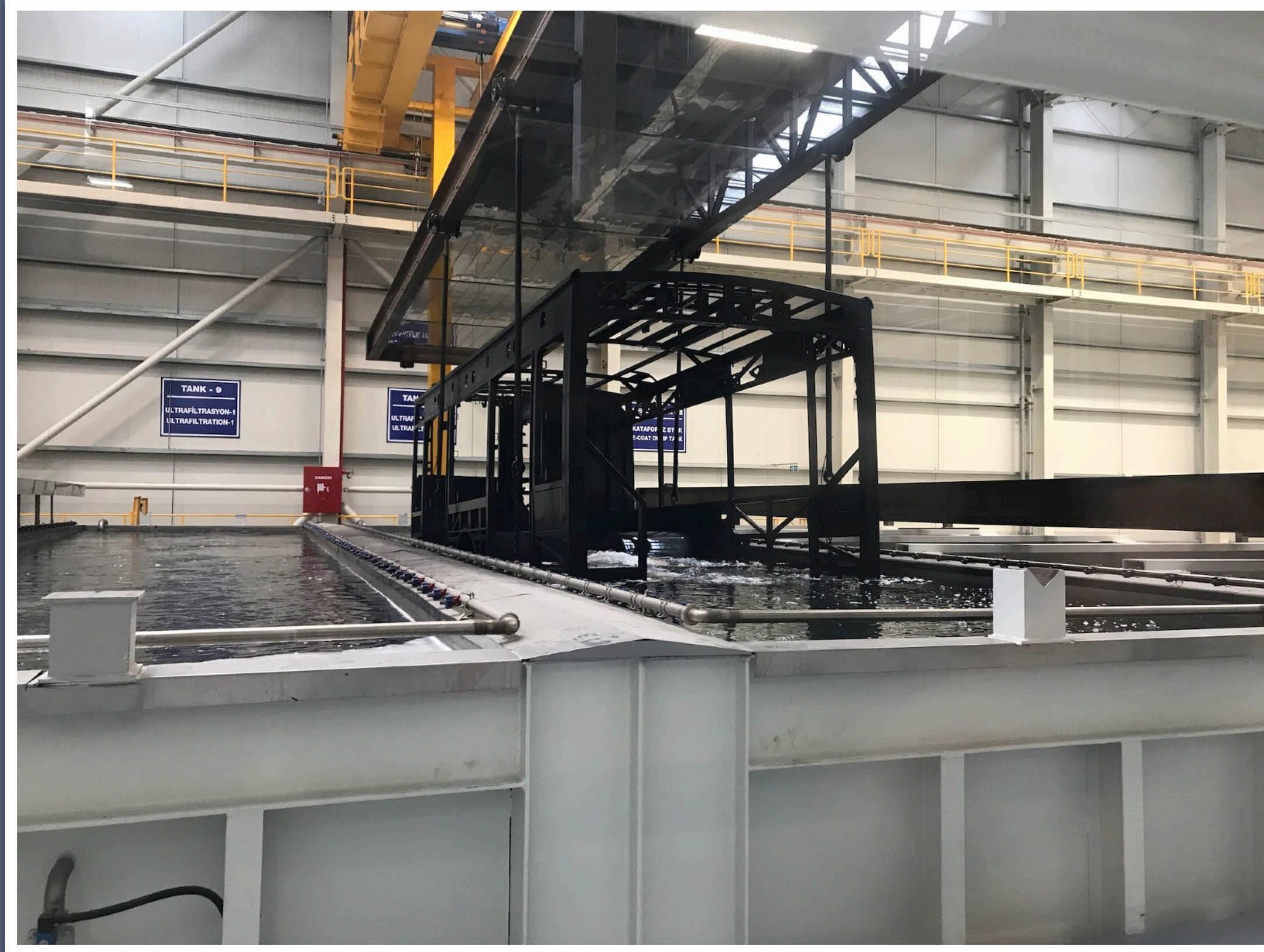
OTOKAR / BUS E/D COATING LINE



OTOKAR / BUS E/D COATING LINE



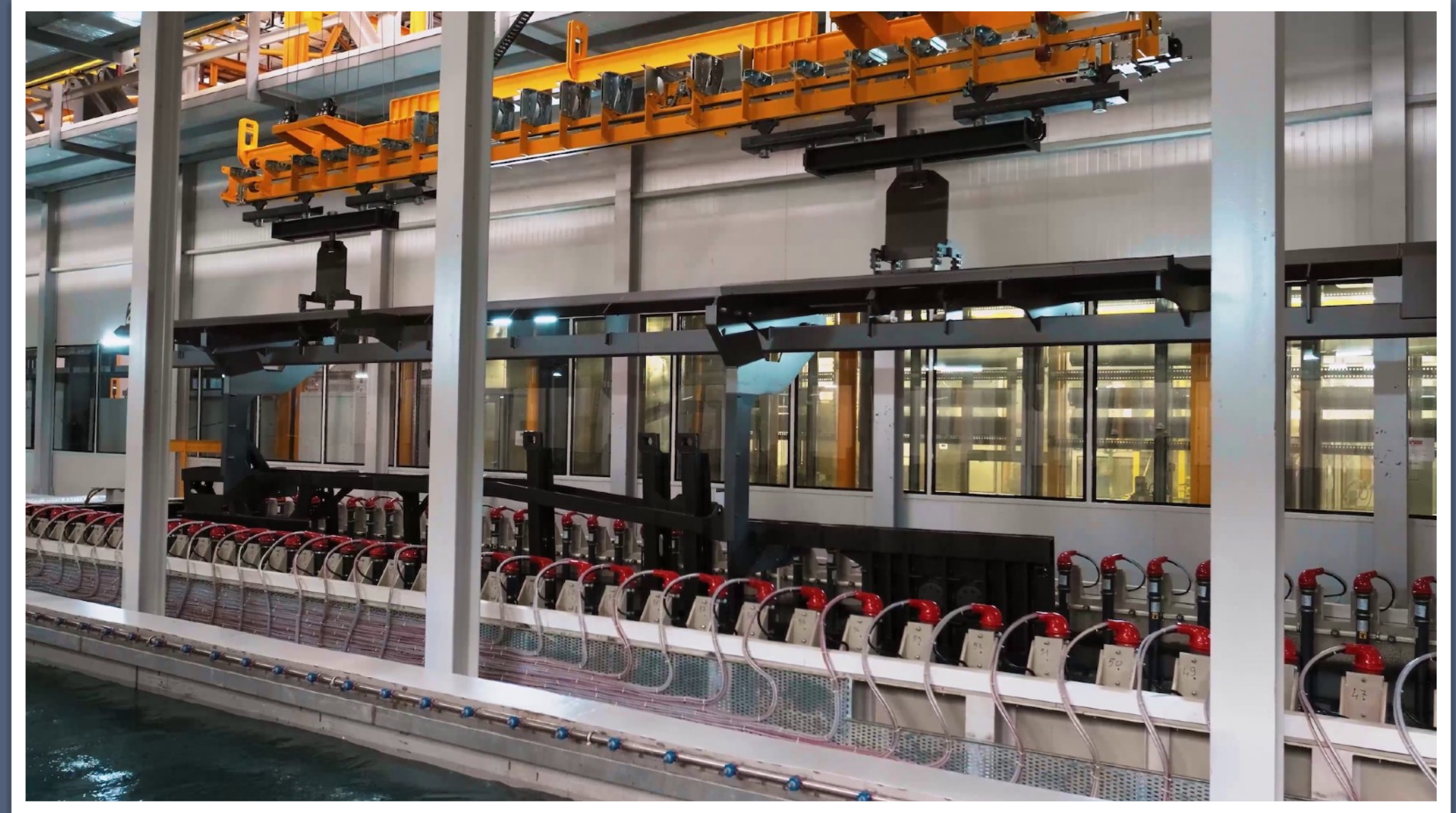
OTOKAR / BUS E/D COATING LINE



KOLUMAN / TRAILER COATING LINE



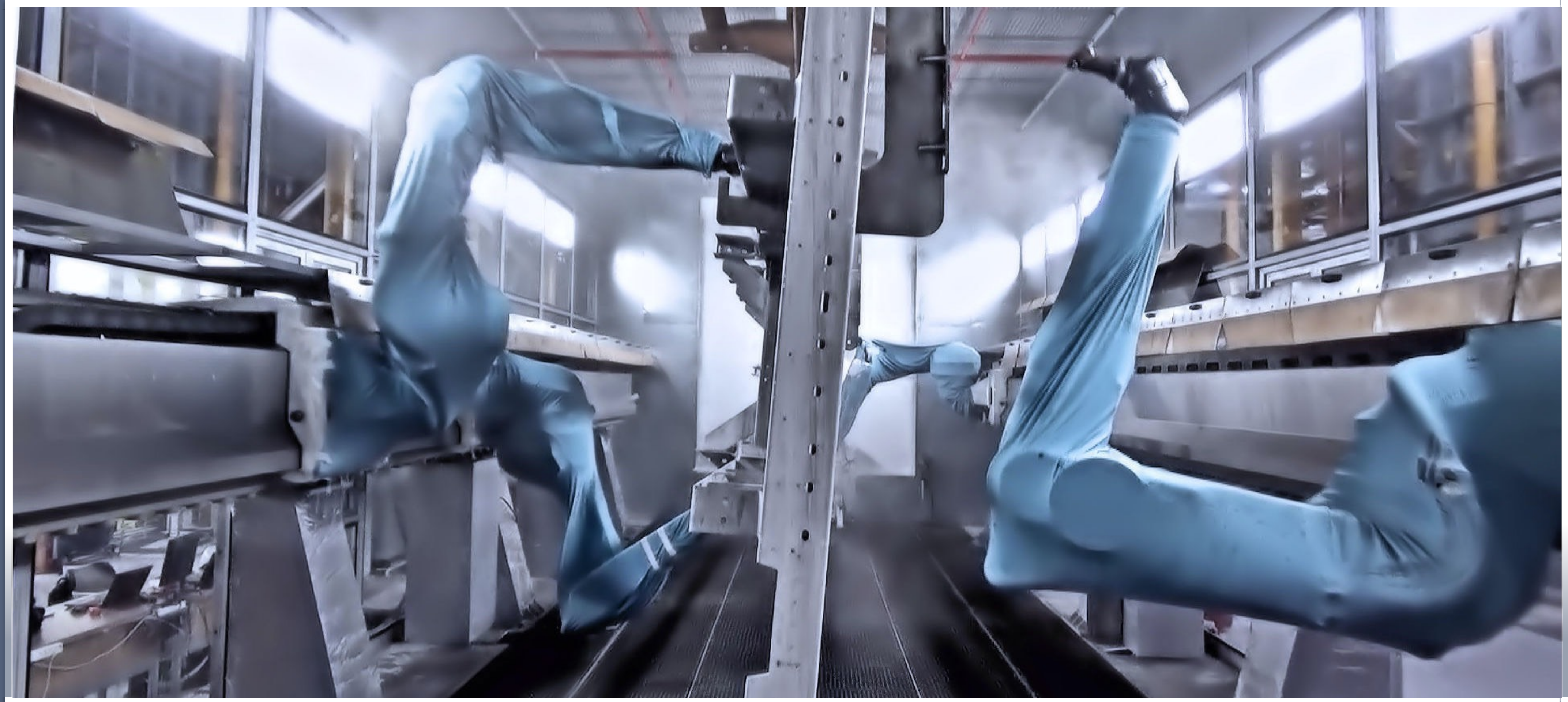
KOLUMAN / TRAILER COATING LINE



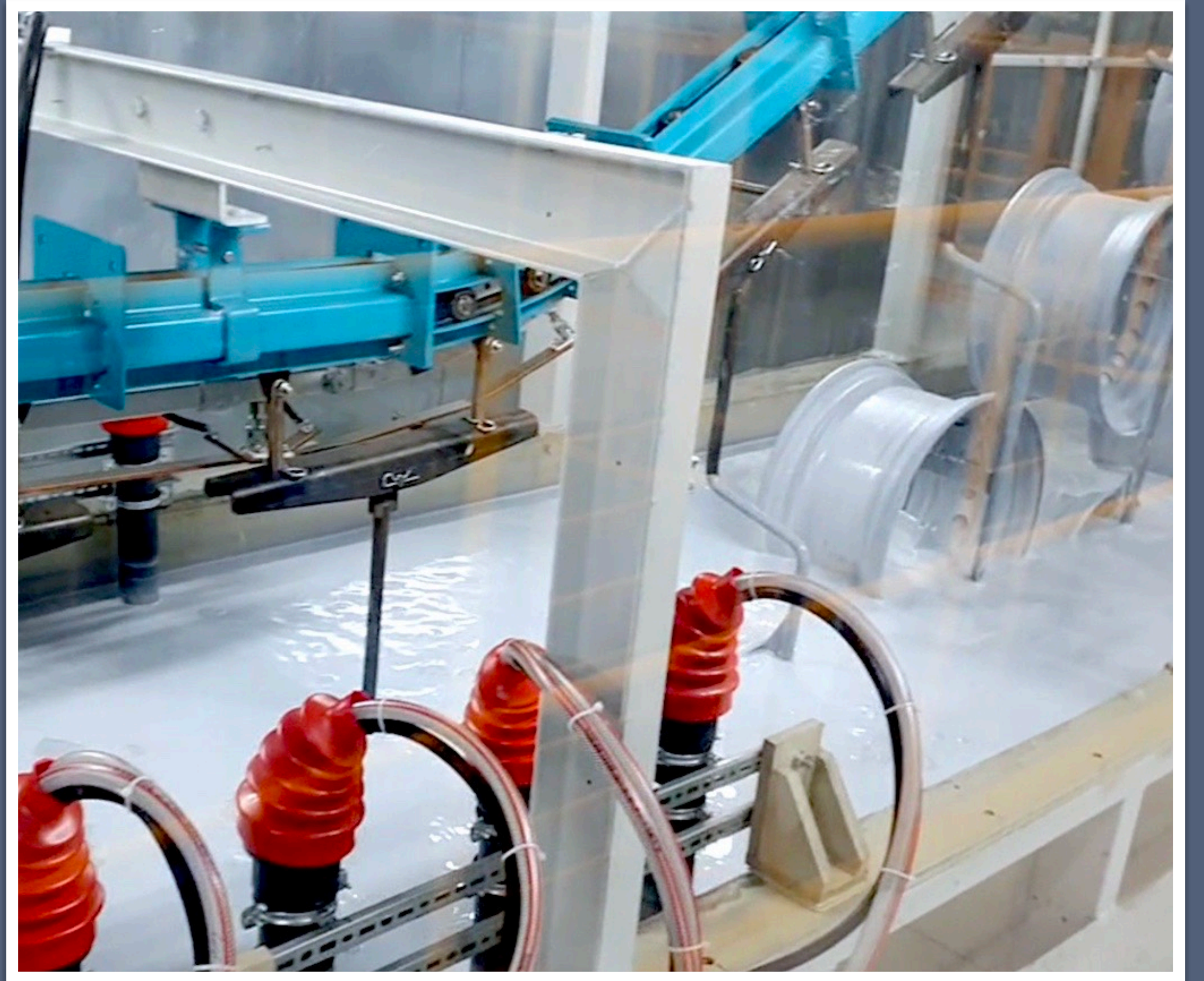
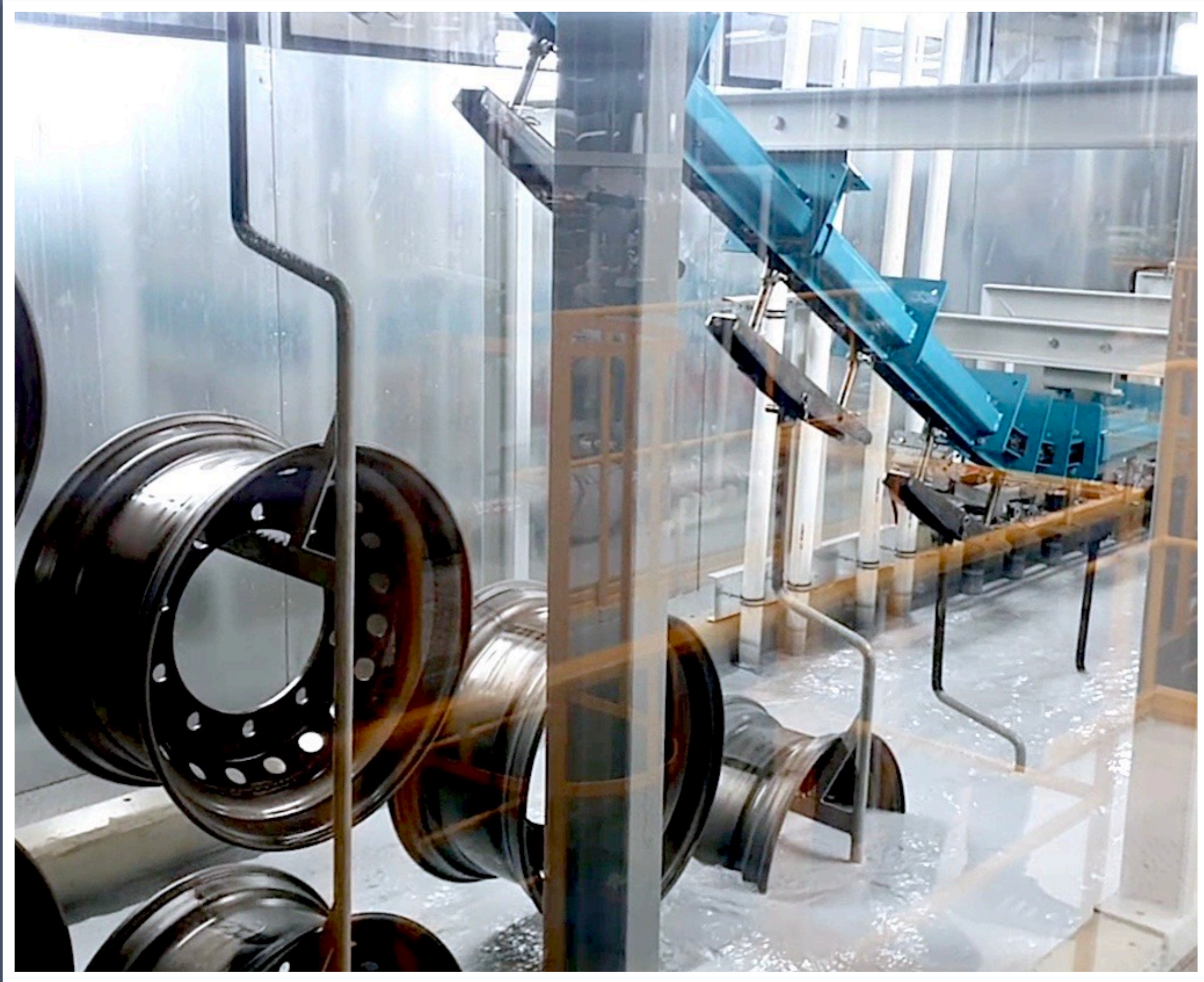
KOLUMAN / TRAILER COATING LINE



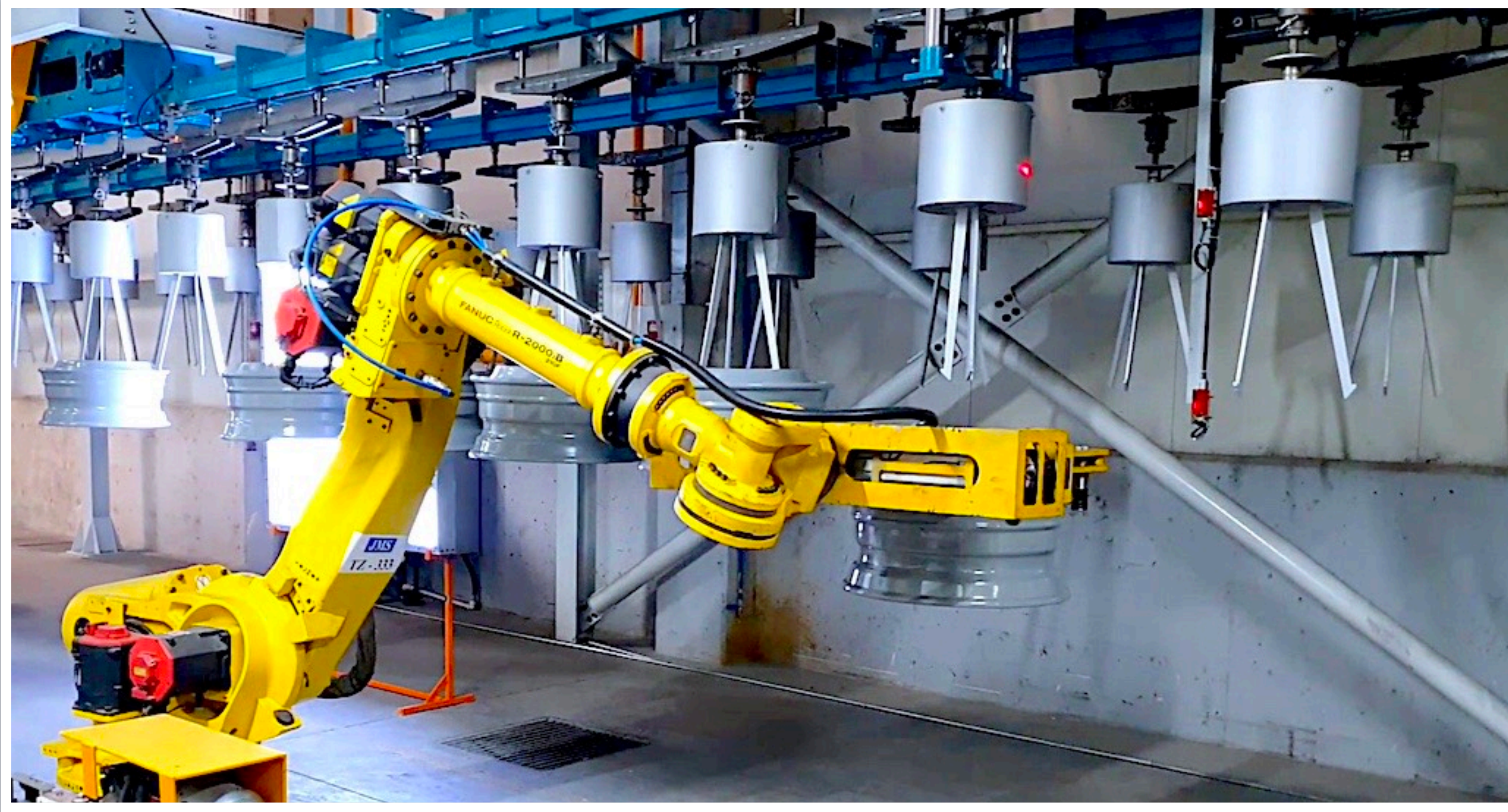
KOLUMAN / TRAILER COATING LINE



JMS / STEEL WHEELS COATING LINE



JMS / STEEL WHEELS COATING LINE



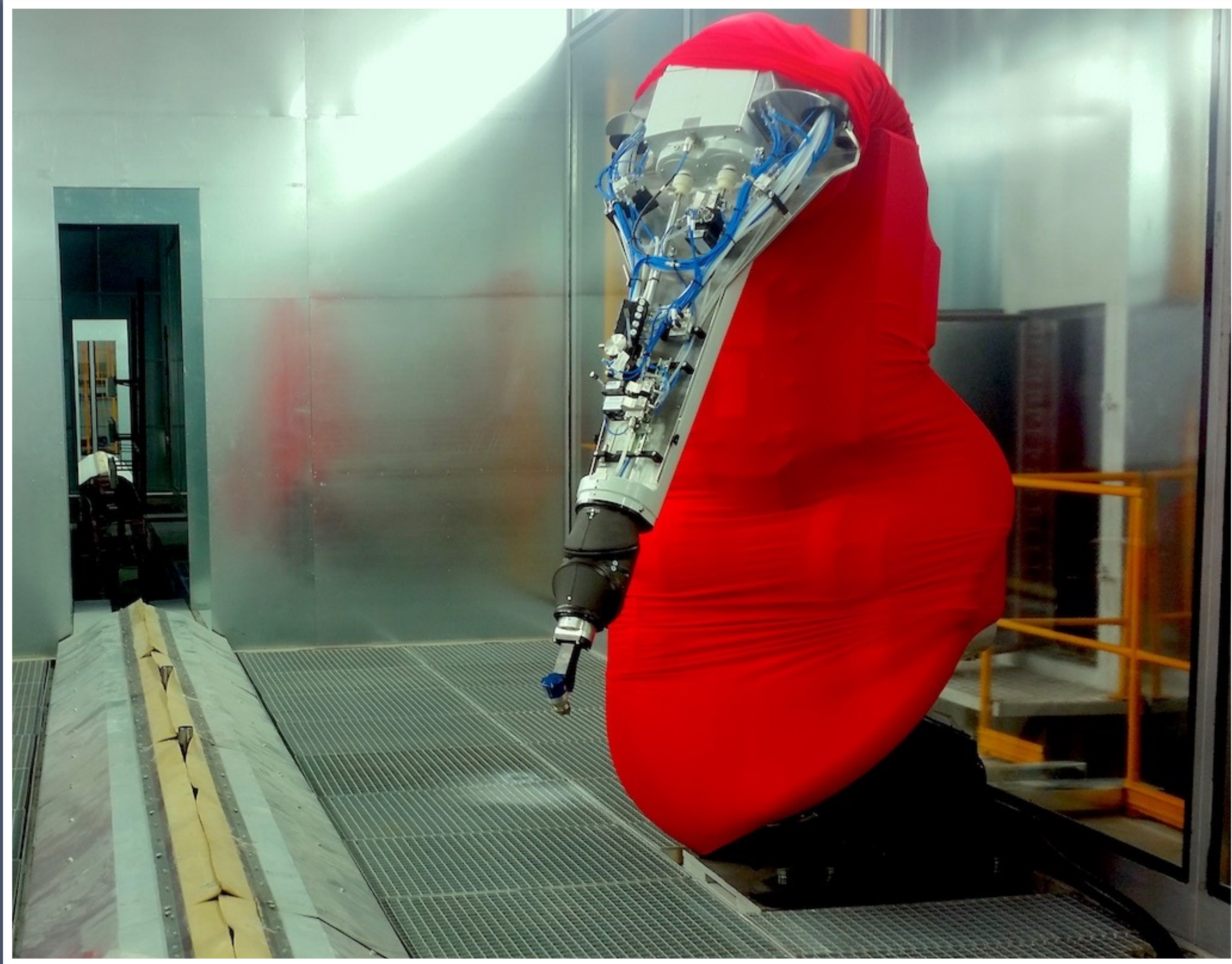
VESTEL / DISHWASHER COATING LINE

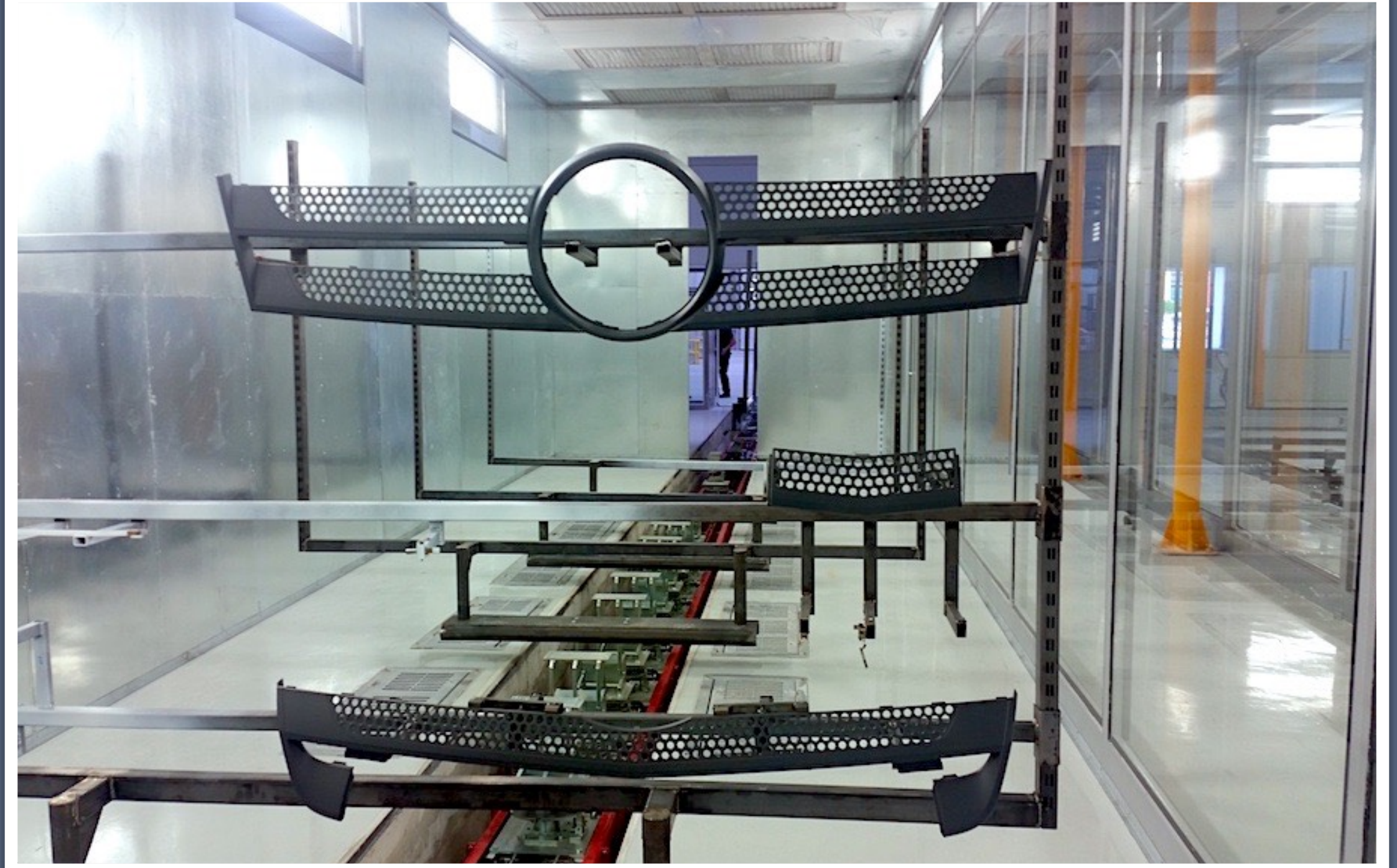


VESTEL / DISHWASHER COATING LINE

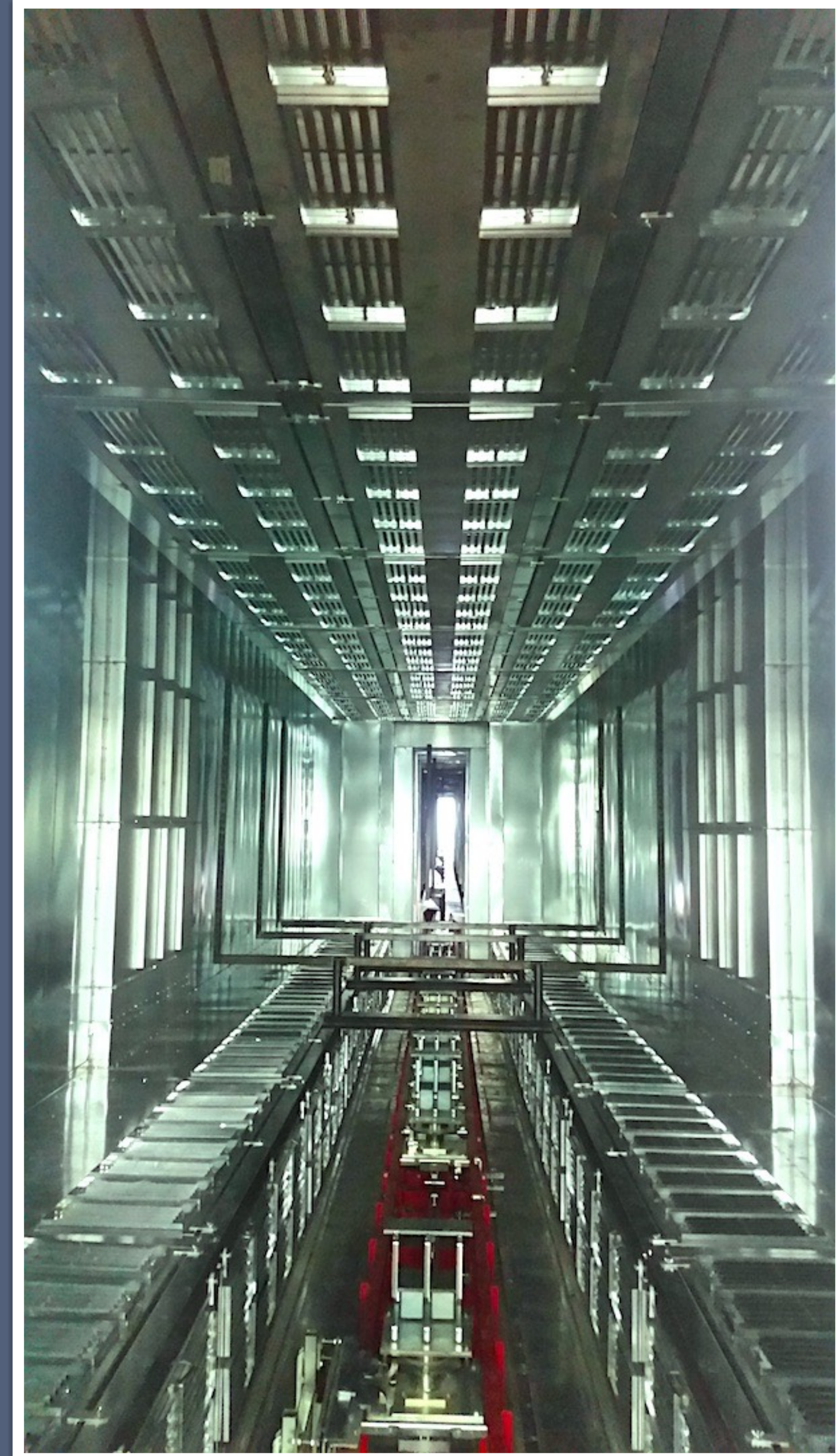


POLYETC / MERCEDES TRUC PARTS COATING LINE

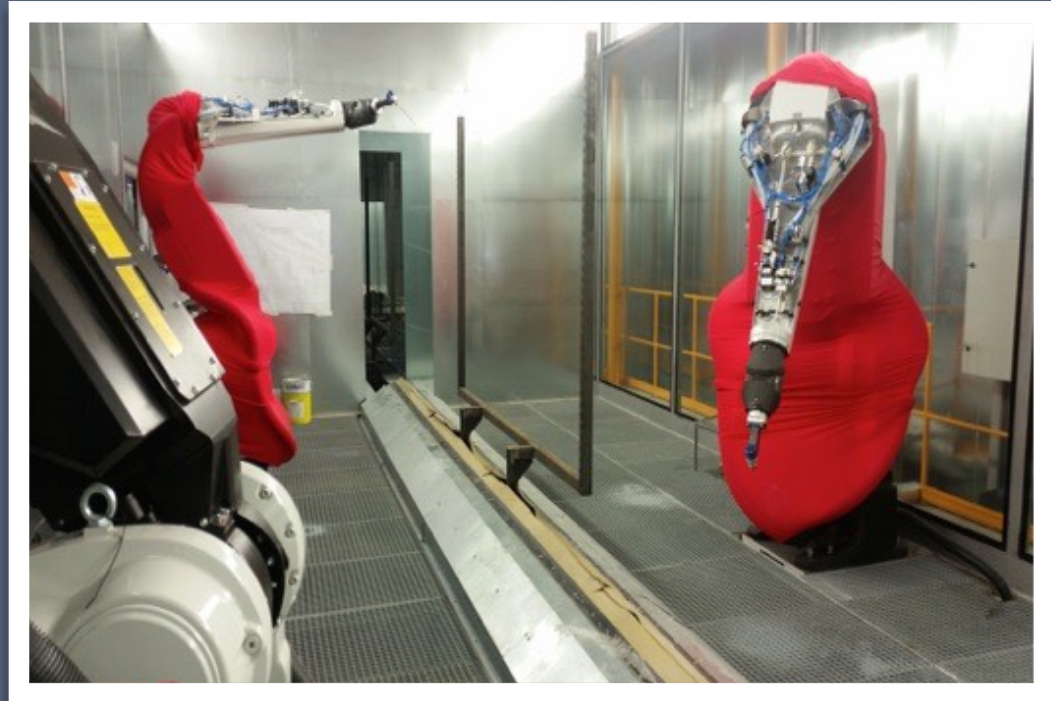




POLYETC / MERCEDES TRUC PARTS COATING LINE



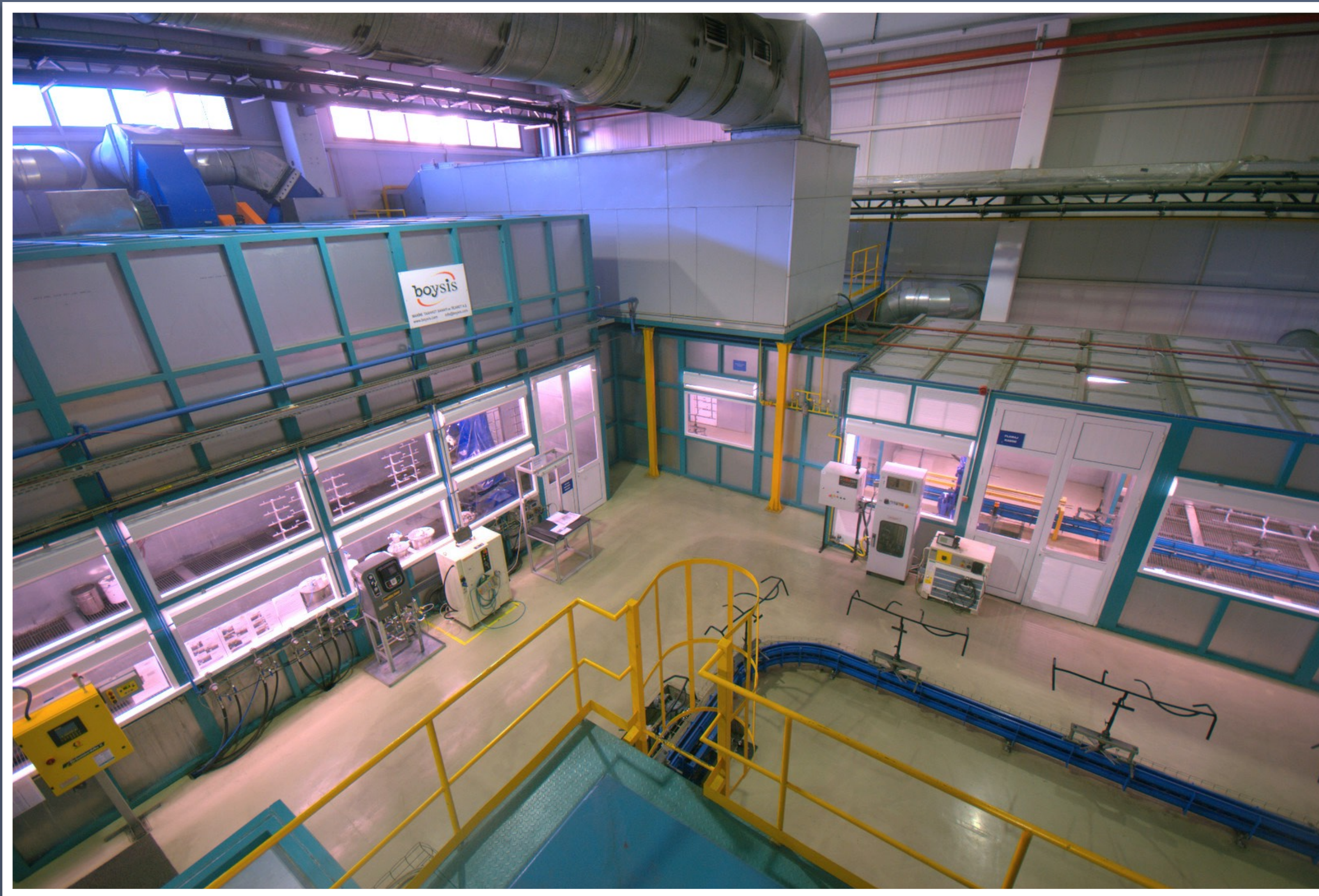
POLYETC / MERCEDES TRUC PARTS COATING LINE



FARPLAS / DASHBOARD COATING

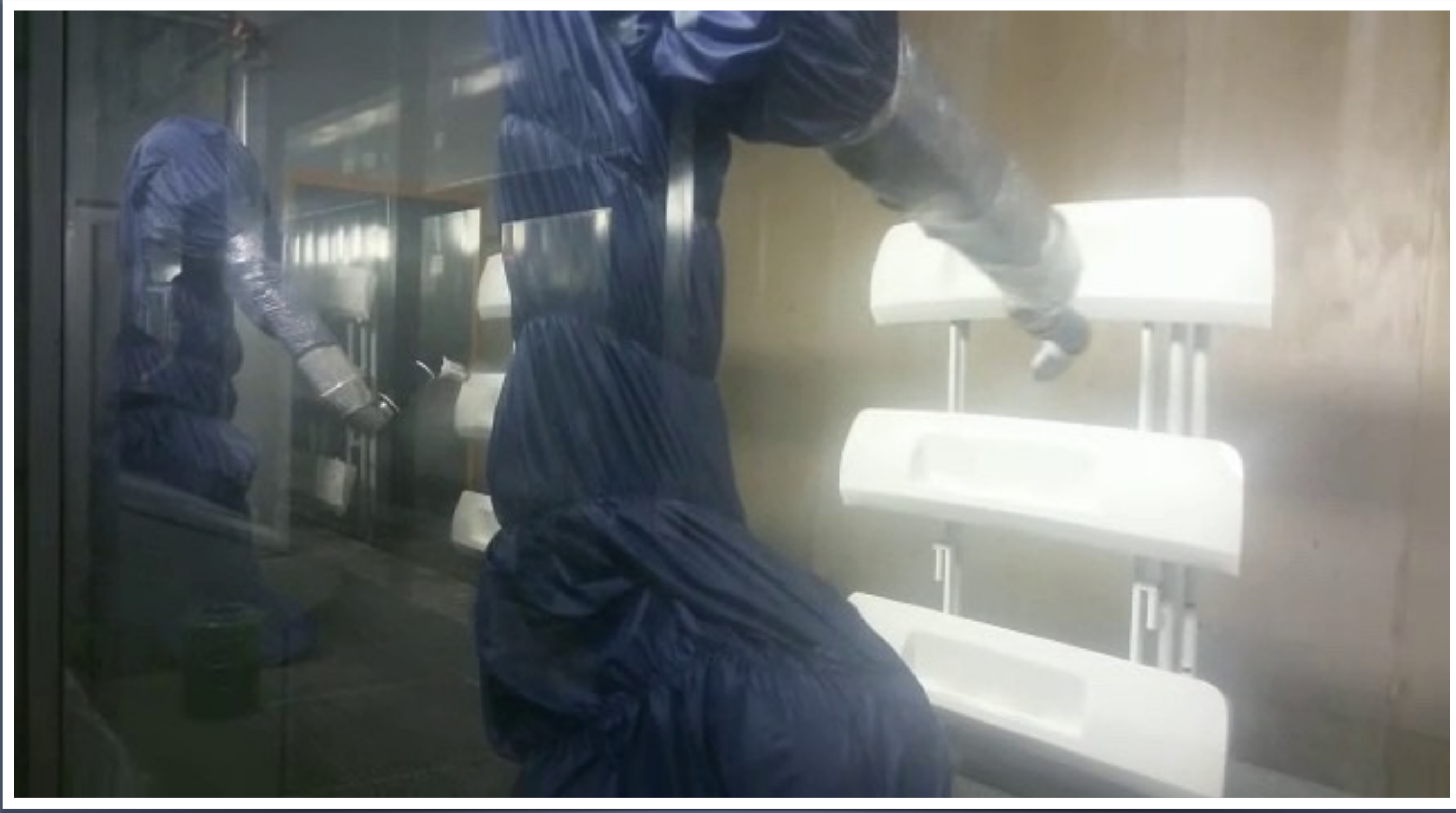


FARPLAS / DASHBOARD COATING





APLAS / FIAT BUMPER COATING LINE



AVTOVAZ / LADA NIVA E/D LINE



AVTOVAZ / LADA NIVA E/D LINE



AVTOVAZ / CHASSES E/D LINE



Pre-Assembly in Boysis factory



RENAULT /BURSA - CAR COATING LINE



TEMSA / BUS E/D LINE



TEMSA / BUS E/D LINE



ISUZU / BUS PAINTING LINE



ISUZU / BUS PAINTING LINE



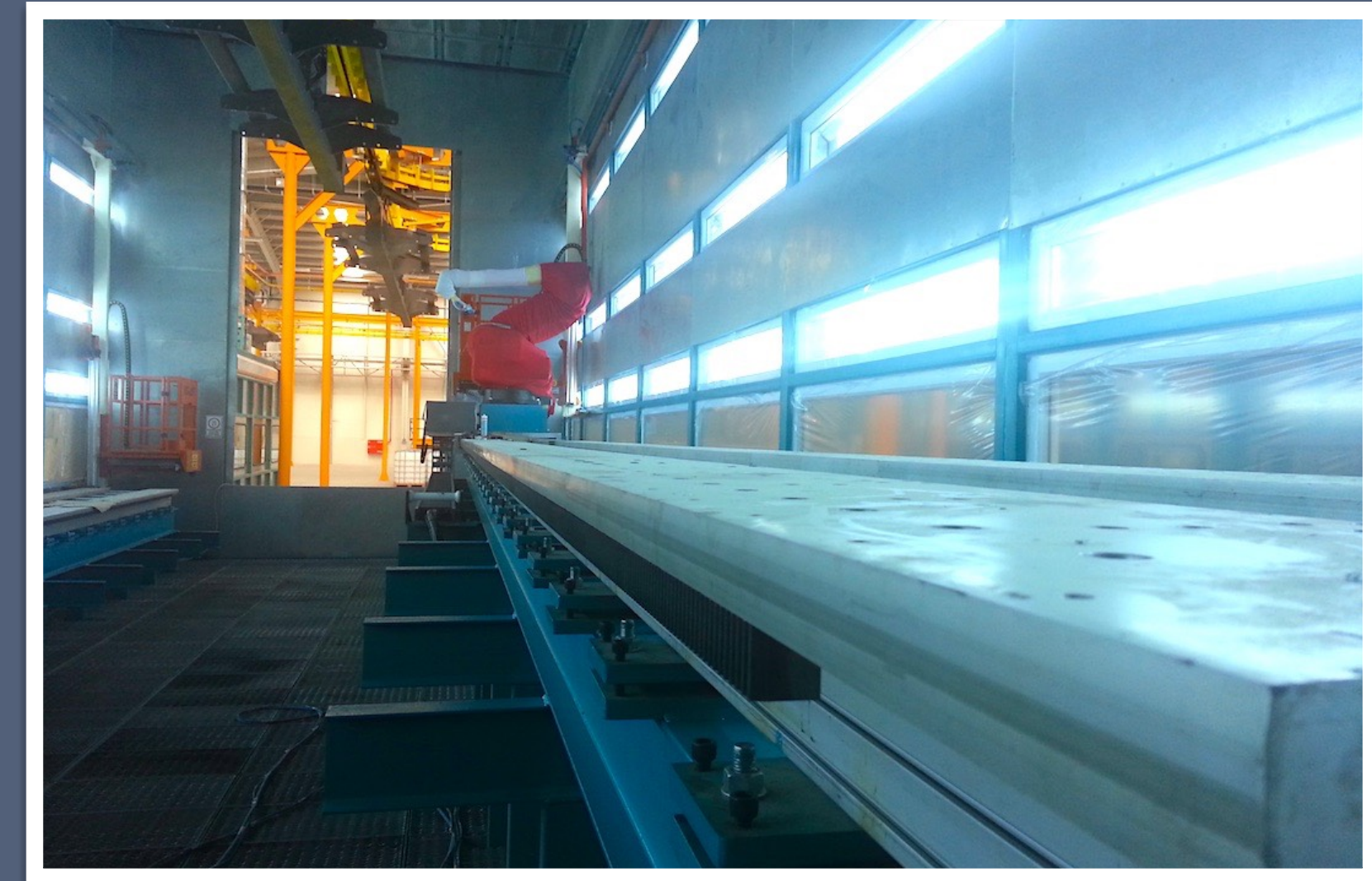
SAMAUTO / ISUZU BUS & TRUCK ED LINE



SAMAUTO / ISUZU BUS & TRUCK ED LINE



UJS / TRAILER E/D & WET COATING LINE



UJS / TRAILER E/D & WET COATING LINE



TIRSAN / TRAILER E/D LINE



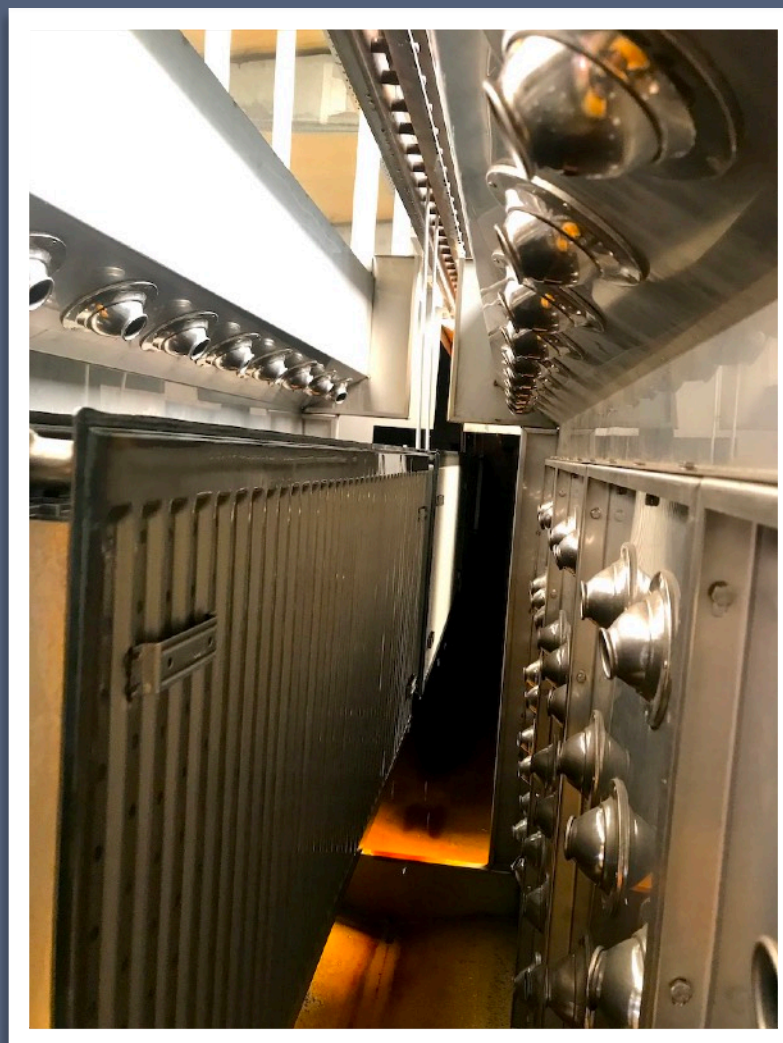
TIRSAN / TRAILER E/D LINE



NORDEX / GERMANY WIND BLADE COATING LINE



PEKPAN / PANEL RADIATOR COATING



REFERENCES



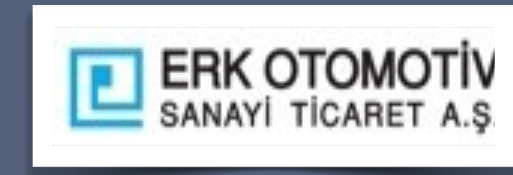
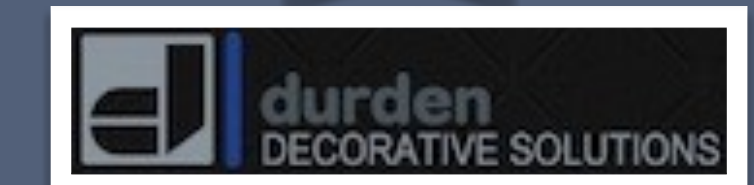
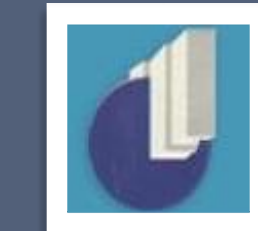
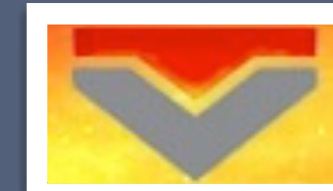
ABB	• Transformer painting line	2007
ACT	• Plane parts painting line (QATAR)	2022
AKPRES	• E/D (Cataphoresis) line	2008
ALAPALA	• Powder and wet painting line	2016
ALBAKOM	• Powder coating system	2004
ALFA LAVAL	• Process baking oven	2010
APLAS	• Plastic wet painting line	2016
ARSAN KAUÇUK	• Combined wet coating line	2011
ASİL KATAFOREZ	• E/D (Cataphoresis) line	2020
ASİSTAL ALÜMİNYUM	• Powder coating booth	2014
ASSAN HANIL	• Plastic wet painting line	2019
AVİTAŞ	• Plastic wet painting line	2018
AVTOVAZ (LADA)	• Automobile wet painting line (RUSSIA)	2012
AVTOVAZ (LADA)	• E/D (Cataphoresis) conversion (RUSSIA)	2012
AVTOVAZ (LADA)	• E/D (Cataphoresis) ultrafiltration conversion (RUSSIA)	2013
AVTOVAZ (LADA)	• ED-coating line and Chemical wastes purification station (RUSSIA)	2014
BAYKAL	• Metalworking machinery painting line	2004
BAYKAR	• Unmanned aerial vehicle (UAV) painting line	2017
BEKO	• R/D dept. wet paint application system	2004
BEKO	• T.V. Frame Painting Line - (RUSSIA)	2006
BEKO	• T.V. Frame Painting Line - Turkey	2004
BIRUSA	• E/D (Cataphoresis) line (RUSSIA)	2019
BMC	• Chasses Painting Line curing oven	2003
BOSCH – PROFİLO	• Washing machine Cataphoresis curing oven	2003
BOSCH – PROFİLO	• Washing machine powder curing oven	2003
BOSCH – PROFİLO	• Washing machine pre-treatment plant modification	2003
BOSCH – PROFİLO	• Washing machine silver colour coating system	2004
BURAK ALÜMİNYUM	• Aluminum profile powder coating line	2013
CERES REKLAM	• Powder coating line	2011
CHMZ	• E/D (Cataphoresis) line (RUSSIA)	2008
CMS	• Automatic paint sludge removing system	2012



REFERENCES



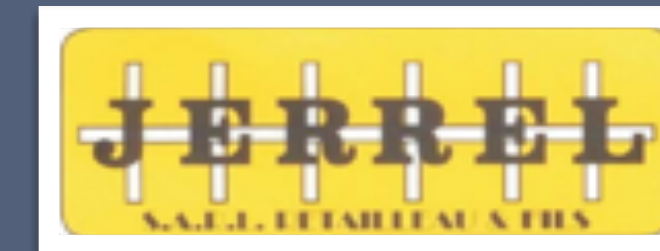
COŞKUNÖZ	• Revision for panel radiator painting line	2007
CTP KOMPOZİT	• Plastic wet painting line 1	2011
CTP KOMPOZİT	• Plastic wet painting line 2	2012
CTP KOMPOZİT	• Robotic plastic/SMC wet painting line 3	2018
ÇAKMAK VİNÇ	• Wet painting line	2009
ÇELİKLER	• Aluminium profile ageing oven	2010
ÇELİKPAN	• Panel radiator painting line	2006
ÇELİKPAN	• Capacity increasing of panel radiator line	2015
ÇELİKPAN	• Water boiler powder coating line	2015
DEKORAL ALÜMİNYUM	• Powder coating line	2013
DEMİRDÖKÜM	• E/d and wet paint curing ovens Power&Free conveyor installation	2006
DEMSAŞ	• Aluminium profile powder coating line modifications	2007
DESEN KİMYA	• Powder coating line	2013
DURDEN	• Plastic wet painting line	2021
EGE ENDÜSTRİ	• Robotic Wet Painting Line	2023
EGE FREN	• E/D (Cataphoresis) line	2017
ENDEL	• Dip powder coating plant	2021
ENERCON	• Wind energy rotor blades painting plant (GERMANY)	2011
ERA MEDİKAL	• Medical waste cleaning line (Adapazarı)	2009
ERA MEDİKAL	• Medical waste cleaning line (Bursa)	2008
ERK OTOMOTİV	• Bumper painting line (RUSSIA)	2009
ERKUNT	• Pretreatment line heating system	2004
FAREL PLASTİK	• Plastic wet painting line	2011
FARPLAS	• Hyundai dashboard painting line	2006
FİMAKS	• Agricultural machinery wet painting line	2014
FORD OTOSAN	• Bumper touch-up line	2007
FORD OTOSAN	• Central paint preparation conditioning	2010
FORD OTOSAN	• Plastic Painting Line robotic application	2018
FORD OTOSAN	• Passenger car painting line work decks	2021



REFERENCES



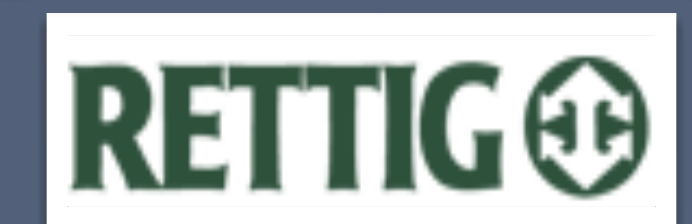
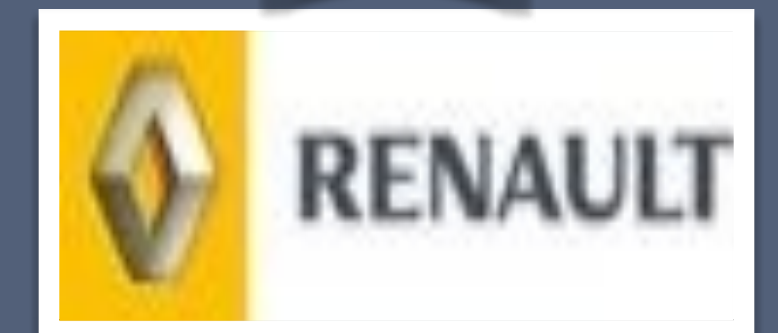
GESTAMP BEYÇELİK	• E/D (Cataphoresis) line	2019
GESTAMP TALLENT	• Acid / pickling line (England)	2013
GREIF	• Barrel painting wet paint curing oven	2007
GREIF	• Barrel painting wet paint curing oven (Algeria)	2010
GREIF	• Biological air treatment system (England)	2009
GREIF	• Biological air treatment system (Gebze)	2007
GUNSEL	• Passenger car painting line	2021
HABAŞ	• E/D (Cataphoresis) and Wet Painting Line	2022
HAMGAM	• E/D (Cataphoresis) line (IRAN)	2011
HİSARLAR	• Cab e/d treatment line curing oven	2006
HİSARLAR	• Cab primer and top coat Painting Line	2006
HİSARLAR	• Tractor cap Cataphoresis line	2006
HONDA	• Car body paining booth conversion	2017
ISATIS	• Panel radiator painting line (Iran)	2014
ISUZU	• Bus painting line	2016
JERREL	• Powder coating line with Power & Free conveyor (FRANCE)	2007
JMS JAMAK	• E/D (Cataphoresis) line	2005
JMS JAMAK	• Steel wheel surface finishing plant	2005
JMS JAMAK	• E/D (Cataphoresis) and Robotic Wet Painting Line for Wheels	2021
KAMATEK	• Plastic wet painting line (Russia)	2019
KANTARCI	• Powder coating line	2012
KARYA	• E/D (Cataphoresis) line	2012
KAT MEKATRONİK	• Plastic wet painting line	2016
KOLUMAN	• Trailer and Trailer upper construction Painting Line	2017
KOLUMAN	• Concrete pump Painting Line	2017
KOLUMAN	• Waste water treatment plant	2018
KOZA ALTIN	• Stainless steel tanks and air conditioning	2014
KROMASIS	• E/D (Cataphoresis) line	2012



REFERENCES

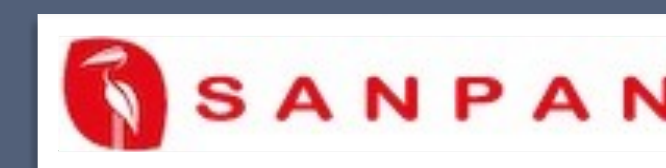
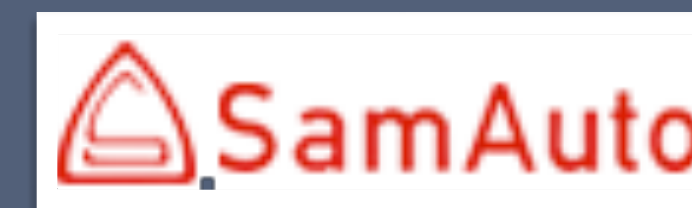


KURTOĞLU AL.	• Aluminium profiles multi color powder coating	2003
KURTOĞLU	• Aluminium profiles pre-treatment line	2003
KURTOĞLU	• Aluminium profiles single color powder coating	2003
KURTOĞLU	• Anodising plant	2004
KURTOĞLU	• Auxiliary plants (overheated water plant, chilled water plant etc.)	2004
KURTOĞLU	• Film transfer system	2004
MAXION	• E/D (Cataphoresis) and Robotic Wet Painting Line for Wheels	2020
MAYSAN MANDO	• E/D (Cataphoresis) line	2014
MAYSAN MANDO	• E/D (Cataphoresis) line and Wet Painting Line (2018)	2019
MEFA	• Dip powder coating plant (2010)	2010
MEFA	• Dip powder coating plant (2016)	2016
MEFA	• Dip powder coating plant (2018)	2018
MEFA	• Dip powder coating plant (2022)	2022
MERCEDES	• Powder coating line	2019
MERCEDES	• Truck Wet Painting Line (ALGERIA)	2019
MERCEDES	• Truck/BusWet Painting Line (ALGERIA)(2021)	2021
MERCEDES	• Protection Booth (Wax-PVCUBC) (ALGERIA)(2021)	2021
MOONLIGHT	• Aluminium profile ageing oven	2012
NAKIŞ METAL	• Aluminium profile ageing oven	2009
NEFAZ	• Autobus E/D (Cataphoresis) line	2023
NORDEX	• Wind energy rotor blades painting plant (GERMANY)	2009
OLGUN ÇELİK	• E/D (Cataphoresis) line & wet painting line	2011
OTOKAR	• ACC tank PP coating	2006
OTOKAR	• Topcoat line heating unit modification	2006
OTOKAR	• Autobus E/D (Cataphoresis) line	2020
ÖZEN	• Aluminium profile powder coating line	2007
PEKPAN	• Panel radiator painting line	2018
PETEK PLASTİK	• Dip powder coating plant	2010
POLYTEC	• Plastic wet painting line	2014
PPG	• Chemical preparing tanks	2013
PPG	• Painting plant modifications	2013



REFERENCES

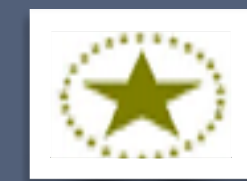
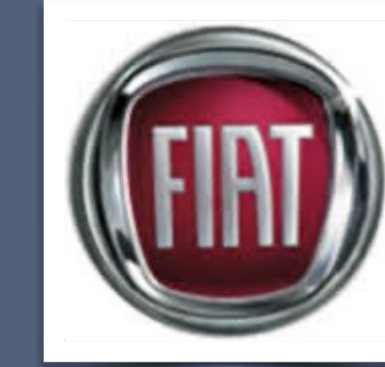
RENAULT	• Car body primary and top coat paint curing ovens	2007
RENAULT	• Electric automobile test booth	2011
RENAULT	• Fast touch-up booth and finition line	2007
RENAULT	• Rain test booth	2007
RENAULT	• Touch up booth and curing oven	2007
RENAULT	• Water based booth personnel corridor	2006
RETTIG	• Panel radiator &cover powder coating line (POLLAND)	2010
RETTIG	• Panel radiator pre-treatment line	2011
RMK MARINE	• Yacht baking oven	2008
SACHS	• Automatic sludge removing system	2006
SACHS	• Carbon filter system for solvent	2006
SAMAUTO	• Minibus and truck cap E/D Line (UZBEKİSTAN)	2015
SAMAUTO	• Minibus and truck cap painting line (UZBEKİSTAN)	2017
SANA	• Wet painting line (IRAN)	2010
SANPAN	• Powder coating line	2019
SARAY ALÜMİNYUM	• Aluminium profile powder coating line	2007
SDF (Same Deutz Fahr)	• Tractor wet painting line	2019
SGN KİMYA	• Panel radiator cover coating line	2008
SIGARTH AB	• Pretreatment and powder coating line	2009
ŞAHİNKUL	• E/D (Cataphoresis) line	2008
TAFE	• Tractor wet painting line	2014
TAI	• B10-b42 building panting plants	2013
TAI	• B210 building painting plants	2014
TAI	• Cold storage rooms	2013
TAI	• Plane parts wet paint curing oven	2007
TAI	• Robotic paint application system	2014
TAI	• Sealing application booth	2014
TEI	• Plane motor automatic painting system (2017)	2017
TEI	• Plane motor automatic painting system (2018)	2018
TEI	• Plane motor automatic painting system (2020)	2020



REFERENCES



TEMSA	• Bus phosphating line	2014
TEMSA	• Manual treatment booth	2005
TEMSA	• PVC underbody application booths	2005
TEMSA	• Autobus E/D (Cataphoresis) line	2017
THYSSEN KRUPP	• E/D (Cataphoresis) line	2012
TIRSAN	• Trailer E/D (Cataphoresis) line	2013
TOFAŞ	• Automatic sludge removing system	2012
TOYOTA	• Dashboard Painting Line	2006
TOYOTA	• Wet paint test booth	2008
TUNA ALÜMİNYUM	• Aging oven	2005
TUNA ALÜMİNYUM	• Aluminium profile anodising systems	2005
TUNA ALÜMİNYUM	• Aluminium profile powder coating plant	2005
ULS TREYLER	• E/D (Cataphoresis) line & wet painting line	2011
ÜÇLER	• Powder curing oven	2009
VAILLANT	• Water boiler powder coating line	2012
VAILLANT (SEMİRDÖKÜM)	• Aluminum Coating Line	2020
VEFA	• Pretreatment and powder coating line	2014
VESTEL	• Air conditioned system for enamel lines	2008
VESTEL	• Oven powder coating line	2007
VESTEL	• Oven wet enamel line	2007
VESTEL	• Wet enamel application booths	2008
VESTEL	• Dishwasher Powder Coating Line	2021
YARIŞ KABİN	• E/D (Cataphoresis) and Robotic Wet Painting Line (HUNGARY)	2020
YARIŞ OTOMOTİV	• E/D (Cataphoresis) and Robotic Wet Painting Line	2022
YILDIZ TREYLER	• Trailer painting line	2013
YILDIZLAR HOLDİNG	• Belt type conveyor system	2010
YILDIZLAR HOLDİNG	• Perlite stock and automatic transfer system	2010
YILDIZLAR HOLDİNG	• Powder collecting system	2010



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