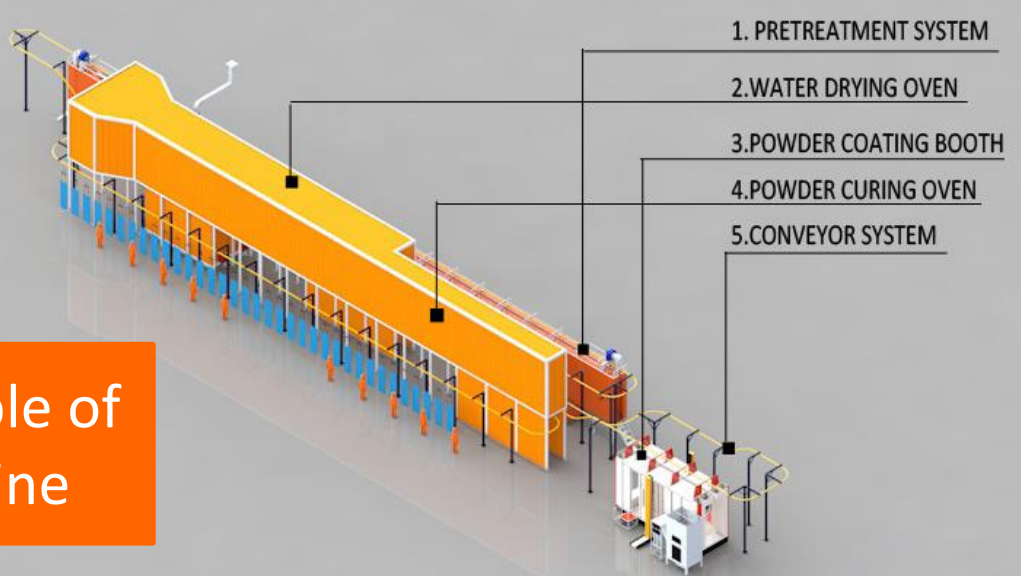


ZHE JIANG DELI COATING EQUIPMENT CO.,LTD
FINISHING SYSTEMS
INDUSTRIAL SOLUTIONS FOR
SURFACE TREATMENT



DELI

Layout example of a finishing line



Deli Coating Equipment Co.,Ltd

We are a company with more than 8 years of experience within the industry of surface treatment dedicated to deliver high quality and environmental friendly finishing system.

Deli have helped more than 200 customers to plant their own painting line.

At the head office in China we have design and production facilities enabling us to develop continuously and implement the latest technologies fast and efficient.

- We are the TOP 5 coating equipment manufacturer in Zhejiang Province.
- We are the partner of Chinese National Machinery Department.
- We are the partner of KCI (POWDER SPRAY GUNS)
- We are the partner of Akzo Nobel (powder supplier)
- We are the partner of HAOLISEN (paint supplier)



A large industrial finishing system in a factory. The structure is primarily blue with yellow safety railings. It features a long conveyor belt system on the left side, supported by a complex network of blue steel beams. Various mechanical components, including rollers and pulleys, are visible. The background shows a typical industrial setting with a high ceiling and some lighting fixtures.

DELI COATING

Finishing systems

Industrial solutions for

Surface treatment

The background image shows an industrial setting. A large, dark, curved metal component is suspended by a chain from a crane or overhead system. The floor is a bright green color. In the background, there are large windows and industrial structures. The text is overlaid on the image in white and orange boxes.

DELI COATING

Deli Coating is worldwide

Supplier of

Finishing system



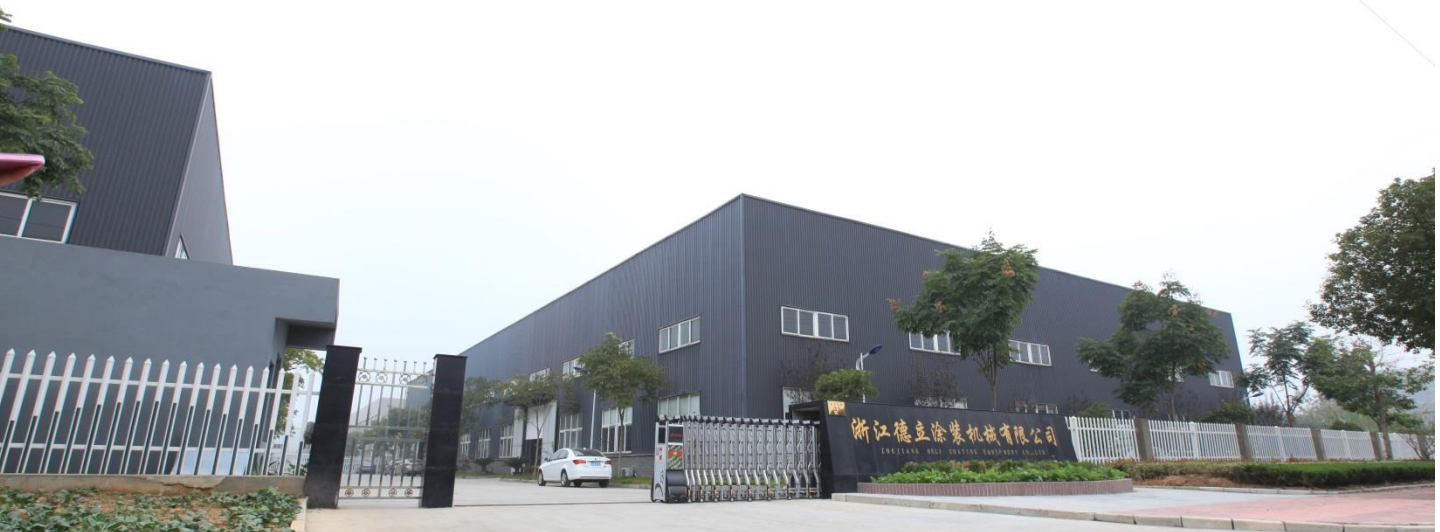
About us

Industrial finishing systems have been our expertise for more than 9 years and our worldwide company has a consistently high level of technical knowledge for our customers to benefit from.

We manufacture finishing systems for powder coating , e-coat and liquid paint.

Due to proven designs and modular build systems, we are able to supply high quality customized solutions.

Deli has more than 300 systems installed worldwide.



Products

Pretreatment systems

The process of preparing the surface for application

Drying ovens

Gas, oil or electrical heating

Curing ovens

When cool off is needed before the application process

Application systems

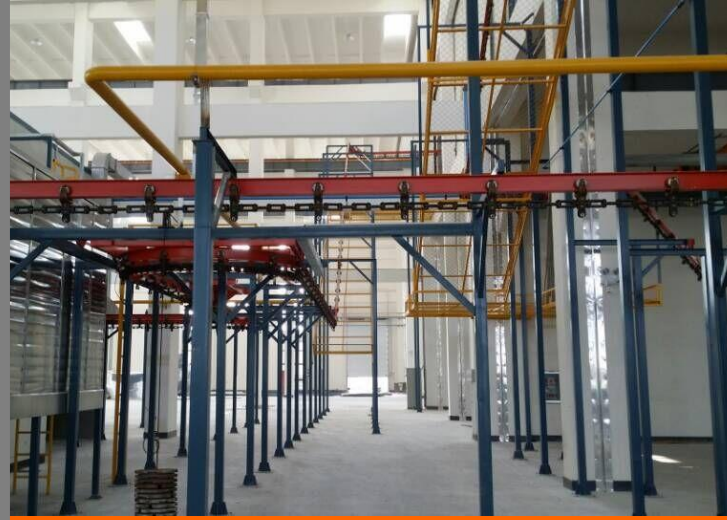
Powder, Liquid , E-coat

Conveyor systems

Manual, Single, Power & free systems, floor conveyor

Control systems

Low running costs and efficient production



Project management

Deli is known for a thorough coordination and the quality of the way we manage projects . Our delivery times are short and we deliver on time.

Service

For service and spare parts we have a worldwide network of service and installation teams with many years of experience with the operation of industrial finishing systems



DELI COATING



Dip pretreatment

Pretreatment systems

The pretreatment system perform cleaning, rinsing and preparation of the product surface.

It is important to clean the product surface thoroughly of all dirt, oils and contaminants as the final application is directly related to the quality of the pretreatment process.

We offer three different systems for the pretreatment process: tunnel pretreatment, chamber pretreatment and dip tank pretreatment.

Dip pretreatment

A pretreatment system is used for large products, and also for productions with small quantities or limited space.

If the geometry of the product, e.g. in the automotive industry, is complex and if a spray system cannot reach all surfaces of the product, this type of pretreatment is the best choice.

The dip tank pretreatment design is customized on the basis of the product. We design the number, the size as well as the temperatures according to the chemical process.

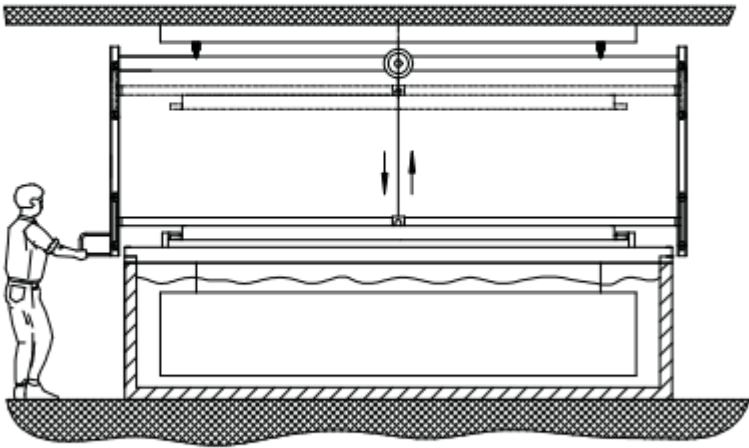
Process stages, pumps and circulation

Pumps and injectors in the tank circulate the liquid in every process stage if needed. This gives high circulation with low kW consumption.

Insulation

The heated tanks are insulated with 75mm mineral wool and covered with powder painted cassettes on the outside; alternatively galvanized or plates unpainted.

Dip pretreatment construction



Reverse cascade system

The rinse water is lead through the system in a reverse cascade rinse to minimize the consumption of rinse water. We never design a system with less than two rinse stages, often even three.

The design can include pre- and after rinse systems which are electronically controlled and assure a minimal consumption of water, energy and chemicals.



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DELI COATING



Tunnel pretreatment

Pretreatment systems

The pretreatment system perform cleaning, rinsing and preparation of the product surface.

It is important to clean the product surface thoroughly of all dirt, oils and contaminants as the final application is directly related to the quality of the pretreatment process.

We offer three different systems for the pretreatment process: tunnel pretreatment, chamber pretreatment and dip tank pretreatment.

Tunnel pretreatment

In spray/tunnel pretreatment the product passes through a tunnel with a number of process stages preparing the product for the application process. These process stages are designed to the specific type of product and chemicals.

The tunnel pretreatment design is customized on the basis of the product. Temperature and materials are taken into careful consideration. Pretreatment system are insulated to prevent condensation and to decrease heat loss.

Process stages

Every process stage consists of a tank with one or more strong vertical pumps distributing the liquid to a number of rinse ramps fitted with nozzles.

Pumps

The pumps are all high efficient and made of acid proof steel. All motors are 100% IEC standard with no modification and very easy to exchange if needed. All pumps are tested and certified according to the quality control. They are mounted vertically in the tank and are immersed in the liquid.

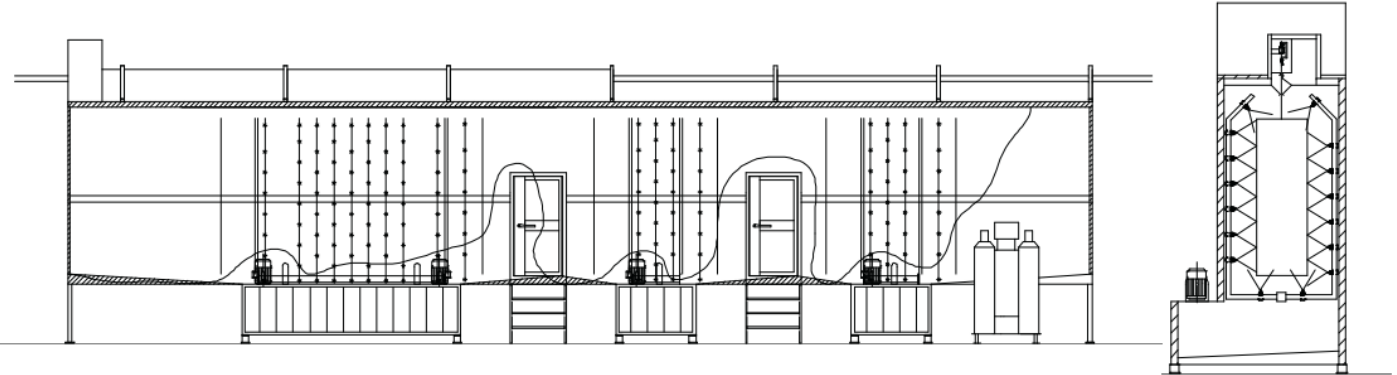
Material

We always deliver stainless steel construction for all liquid touching parts (tank, tunnel and pumps). Tunnels are fully welded to ensure a long lasting quality pretreatment system.

Insulation

Insulation of mineral wool and covered with powder painted steel cassettes on the outside of the tunnel and the tanks. Energy loss and noise from the system are minimal with this construction. This is the standard solution, but we also offer the option of stainless steel or galvanized construction.

Process stages and intermediate zones



Intermediate zones

The product is dripping off in the intermediate zones between every process stage.

The length of the zones depends on the dimensions of the product and the speed of conveyor help minimizing the mixing of the tanks.

We provide stairs, door and light for all intermediate zones. Also a nonslip gangway is over all tanks. It makes the system service friendly, safe and gives easy access to the system.

Reverse cascade system

The rinse water is lead through the pretreatment system in a reverse cascade rinse to minimize the consumption of rinse water. We never design a system with less than two rinse stages, often even three.

The design includes pre- and after rinse systems which are electronically controlled and assure a minimal consumption of water, energy and chemicals.

Heating

Heating can by oil, gas, water, steam or electricity as to the customer choice. Often this is decided on the basis of the availability, market price and chemicals.



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DELI COATING



Tunnel oven

Drying & Curing oven

We manufacture quality ovens with 3D designed ducts for optimal heat distribution, which ensure our well-known even temperature distribution.

Special designed burner unit, either gas, electrical or oil heated with high class insulation and efficient ventilation units make sure that as much as possible of the airflow goes to ventilation.

The high quality construction, typically stainless steel, suits the oven temperature and purpose.

The detachable steel cassettes on the outside of the oven make it easy to check and replace the insulation material. Service of the circulation and heating unit is very easy and carried out from the outside of the oven.

The ducts are a welded construction and we offer a unique and easy to use hinged duct front if needed.

Tunnel ovens

This type of oven is shaped like a tunnel for the products to pass through.

The product passes through the oven either continuously or by power & free conveyor with stops.

The tunnel oven comes in versions of L-oven and A-oven.

High air volume circulation ensures quick and very effective heat transference to the product; powerful fans distribute the heated air. This technique optimizes the process.

Our promise is a construction with a uniform and constant temperature within a few degrees.

Application & use

- Drying oven after pretreatment
- Curing/drying oven for liquid painting
- Curing oven for powder coating
- Curing oven for E-coating

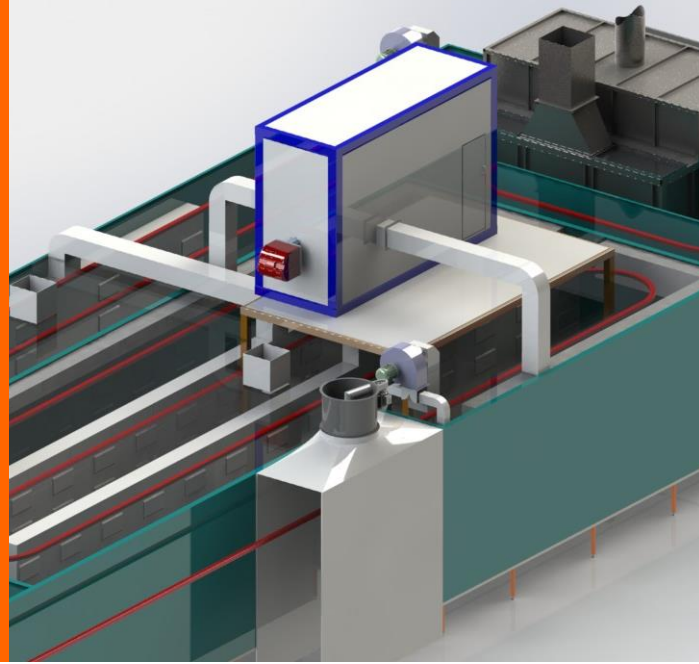
Extrance/exit

The ovens are provided with highly efficient airlocks or A-locks. Both ensure good operating economics. The choice between these alternatives depends on the type of product and also the building conditions.

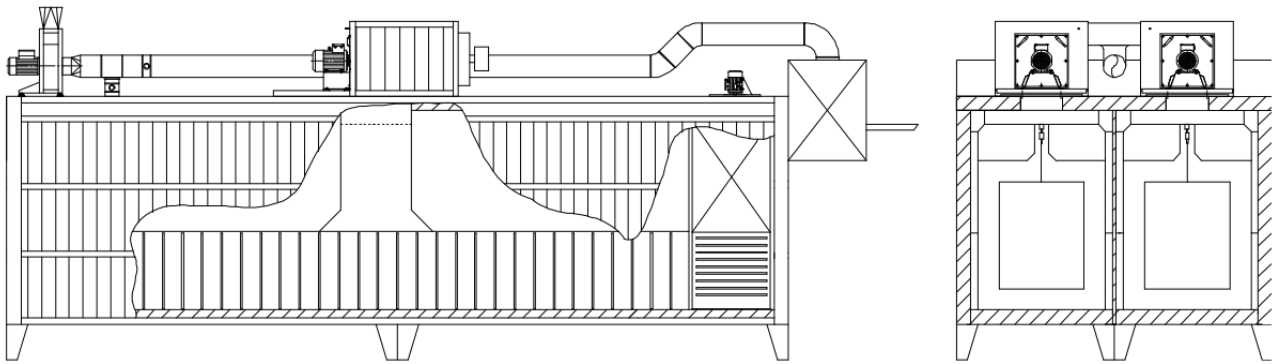
Insulation

The sides of the oven are constructed to get the lowest possible heat transference from the inside to the outside.

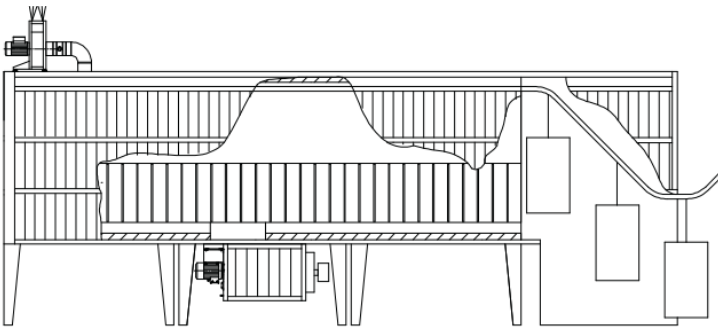
The thickness of the mineral wool insulation is adapted to the requested maximum temperature. As standard all ovens are constructed for an operation Temperature of 250°C



L-oven



A-oven



Temperature zones

The ovens can be divided in different temperature zones.

Temperature zones form the most optimal temperature curve for the product. This is why our design is unique and customized. It also enables us to take environmental and climate aspects into consideration.

Function & material

It is convection ovens in which high air circulation leads to quick and effective heat transference to the product. Powerful fans distribute the heated air through ducts in the entire oven length.

This construction gives a uniform and constant temperature within a few degrees.

We have a high standard for constructions. As standard the ovens are constructed of galvanized steel. As option, the inside construction parts can be produced totally or partly of mild or stainless steel.



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DELI COATING



Box oven

Ovens

We manufacture quality ovens with 3D designed ducts for optimal heat distribution, which ensure our well-known even temperature distribution.

Special designed burner unit, either gas, electrical or oil heated with high class insulation and efficient ventilation units make sure that as much as possible of the airflow goes to ventilation.

The high quality construction, typically stainless steel, suits the oven temperature and purpose.

The detachable steel cassettes on the outside of the oven make it easy to check and replace the insulation material. Service of the circulation and heating unit is very easy and carried out from the outside of the oven.

The ducts are a welded construction and we offer a unique and easy to use hinged duct front if needed.

Box ovens

This type of oven is typically used for manual systems or high capacity power and free systems.

A special type of ovens is used in a crane operated system; here the products enter oven vertically by cranes.

Application & use

- Drying oven after pretreatment
- Curing/drying oven for liquid painting
- Curing oven for powder coating
- Curing oven for E-coating

Function & material

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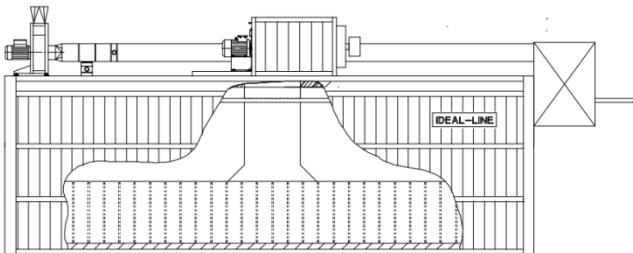
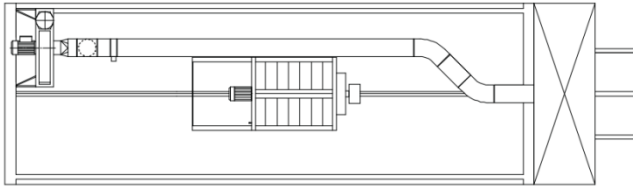
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Doors

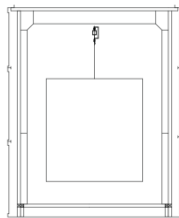
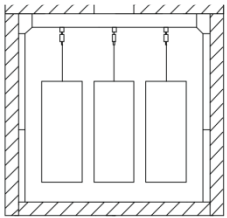
The ovens can be constructed with different types of doors. The number and design of doors are adapted to the special line.



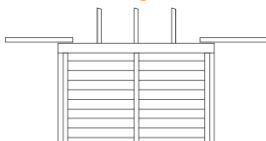
Box oven- heated by gas, oil, steam or electricity



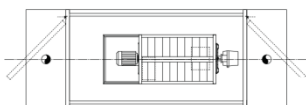
Hanging of products in box oven



Sliding doors



Double doors



Single doors

Handing

The product can be led into the oven by means of a conveyor system or on wagons, which are driven in. The bottom of the oven can be designed to fit these wagons

Insulation

The side of the oven is constructed to get the lowest possible heat transference from the inside to the outside.

The thickness of the mineral wool insulation is adapted to the requested maximum temperature. As standard all ovens are constructed for an operation temperature of 250°C.



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DELI COATING



E-COATING

E-coating

Deli is the world leading manufacture of E-coat equipment, Deli patented designs and technological advancements in electrocoating have revolutionized the industry. From the footprint to the material handing ; from tank construction to the chemical feed, Deli designs systems to specification.

Deli's customers choose electrocoating because of its versatility and durability. Immersion ensures 100 percent coverage of complex parts, as well as uniform thick-ness with no runs or sags. This in turn ensures superior corrosion protection. Consistent, controlled application nearly eliminates the need for manual touchups.

Approximately 98 percent of automobiles produced worldwide are primed with electrocoat and there are thousands of electrocoat tanks installed around the world.

System components

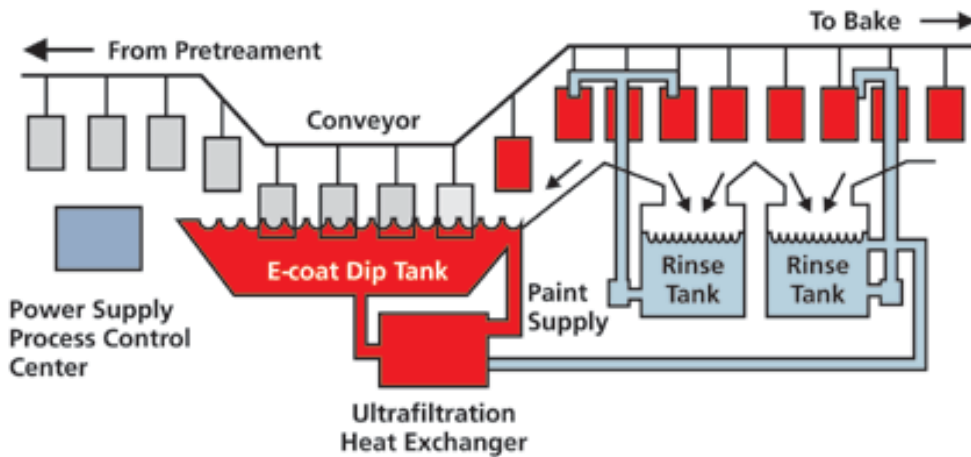
- 1.Conveyor system
Continuous conveyor system, hoist conveyor system
- 2.Pretreatment system
- 3.E-coating dip tank
- 4.Liquid stir system
- 4.Recifier
- 5.Ultrafiltration system
- 6.Anode system
- 7.Pure water system
- 8.Constant temperature system
- 9.After E-coating clean system
- 10.Custom Combinations

Benefits

Deli engineers think outside the box to uniquely design a system, Electrocoating is one of the least expensive finishes available, and is an economical way to paint high volume parts, Electrocoating utilizes 95-99 percent of the coating, making it a green technology.



Typical Electrocoat system



Practical applications:

Due to its ability to coat complex parts, electrocoating is used as a way to coat a variety of products like transformers, metal office furniture, fixtures, screws, automotive parts and marine components, high density racking and sophisticated material handling for small to very large parts packages sets Deli E-coat systems apart from its competitors.

Cost effectiveness

Deli E-coating systems are equipped with an array of energy conserving features. They are designed to enhance paint circulation without clumping, setting or foaming. Deli systems allow users to maximize trough-put while still achieving an even coat. Deli engineers evaluate your system and standardize components, reducing spare parts requirements and streamlining upkeep .



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DELI COATING



Liquid spray booths

Liquid spray booth

Deli designs and manufactures spray booths to fit system requirements. Deli spray booths provide the ideal paint application conditions with balanced air flow to minimize overspray.

Whatever material handling needs a customer has, Deli booths are designed to be fully integrated into the system. Some of the listed features are: recirculated air system, side –draft, cross-draft or down –draft air flow, multi-level filtration, powered man-lifts, conservative air flow, high efficiency dry filter or water wash filtration , high intensity lighting, paint sludge separation, and more.

Available features

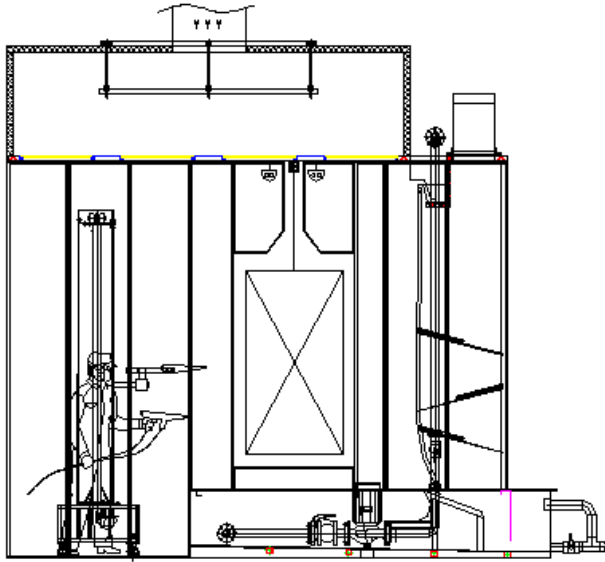
- Recirculated air systems
- Side-draft, cross-draft, down-draft or multi-level air flow
- 3-axis air-powdered man-lifts
- Conservative air flow
- High efficiency water –wash
- Dry filter
- High density lighting
- Designed for robotic use
- Combination spray and cure
- VFD controlled fan and air flow control

Benefits

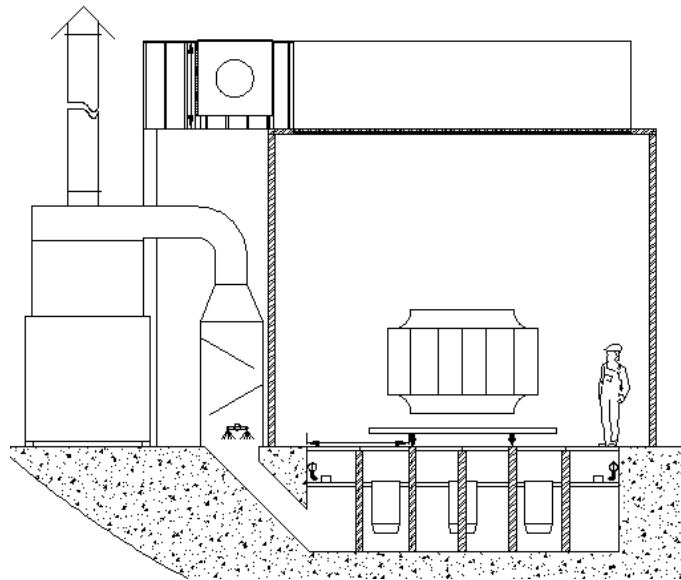
One of the biggest advantages to partnering with Deli is that the talented group of engineers is experienced at innovatively creating products that are designed to companies unique specifications. Spray booths are a component of a finishing system that when designed and fabricated by Deli, are of the utmost quality, uniquely efficient, and perfectly integrated.



Side-draft air flow



Down-draft air flow



Practical applications:

Whether the customer needs a booth designed for complete automation or manual application, Deli spray booths offer the highest quality features. Deli engineers evaluate the specifications and design equipment that best suits the production rate, space, airflow requirements and material handling needs. Deli liquid spray booths are open-faces enclosed, multilevel, large equipment or small part sized; custom designed per the specifications.

Cost effectiveness

High efficiency water-wash booths capture the paint particles with more than 99% effectiveness. Recirculating air systems, automatic VFD's, and LEL (LOWER EXPLOSIVE LIMIT) monitoring dramatically reduce cost by minimizing capital and operating expenses.

The experts at Deli will work with its customers to create the most cost effective, energy efficient and environmentally friendly booth possible.



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DELI COATING



Powder coating booth

(with small cyclone combined filter recycle system)

Booth

The powder coating booth is used for coating products. According to the structure of the product, the coating form can be designed as automatic, semi-automatic, or manual.

According to the size of the product and the transporting velocity, we design different sizes of powder coating booths and arrange different quantities of spray guns.

We design powder recycle systems with very high recovery capacity and are easy to clean.

We offer three types of powder recycle systems.

- Small cyclone combined filter recycle system.
- Bag type element filter recycle system.
- Big cyclone combined filter recycle system.

Function & material

In this system, we provide reciprocating machine, powder supply center, coating booth, powder recycle system, electric control system.

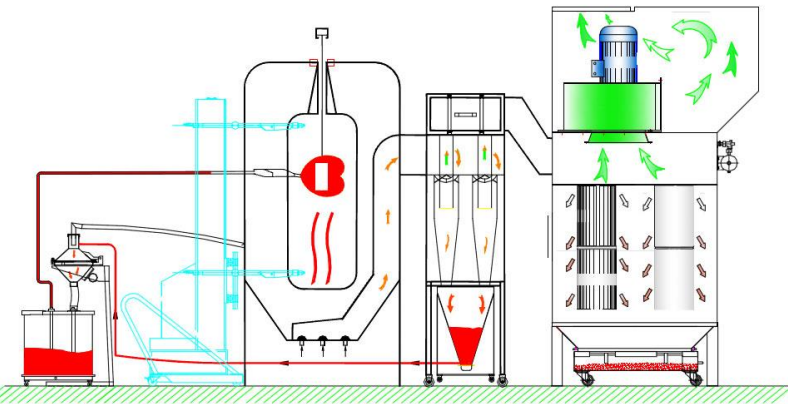
The powder could be recycled more than 98%, and the structure of booth is also very easy to clean, no corner.

We have a modular standard for constructions. As standard the coating booths are constructed of stainless steel. As option, it can be produced totally or partly of mild or plastic.

The plastic is insulation, so it could anti static electricity, in this way, we could get better powder recovery rate.



Small cyclone combined filter recycle system



Function

- Single powder separation rate reach above 98%, saving powder.
- Bottom of powder booth adopts pulse airflow back-flushing device or automatic scraper blade device, in order to ensure over-spraying powder can be reused immediately.
- Adopt high quality long life nano coated filter element, which can be used for several years.
- Nano coated filter can capture above 0.1 micron dust, no wasted powder, at the same time, gas become clean air via filter, can circulate directly in the workshop.
- Complete independent powder filter and powder supply system.



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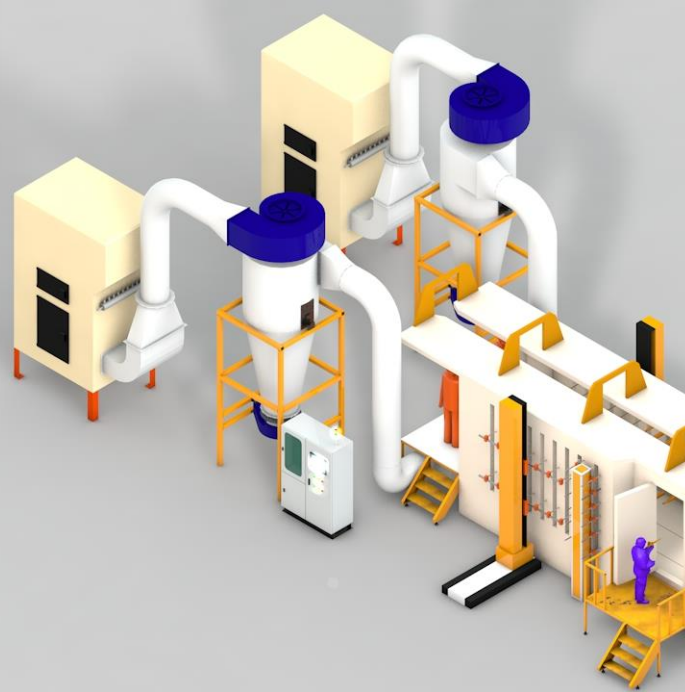
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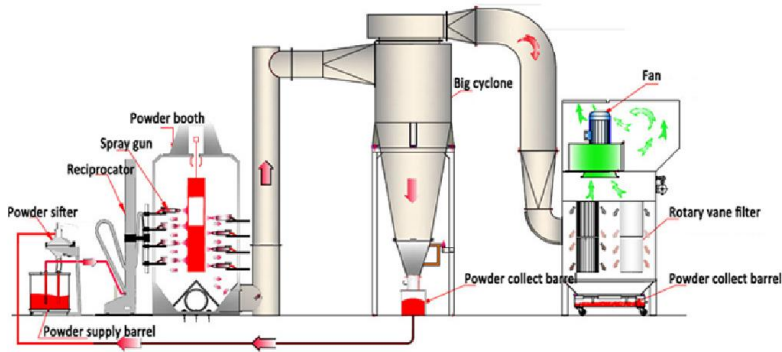
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The plastic is insulation, so it could anti static electricity, in this way, we could get better powder recovery rate.



Big cyclone combined filter recycle system



Application & use

Big cyclone combined filter recycle system used for multicolor coating and mass production,

If customer need to coat more than 1 color for product, this recycle system could be quickly cleaned.

DELI COATING will advise the optimal choice of equipment for the production in question. and other help for the operators.

Function

- Adopts high efficiency big cyclone separation device, single separation efficiency can reach 98%;
- Powder booth can adopt SUS plate, PP plate or sandwich interlayer structure;
- Top of powder booth adopts arc structure design, easy for cleaning;
- Bottom of powder booth can configure pulse airflow cleaning; Adopts high quality long life nano coated filter element, which can use several years;
- Nano coated filter element can capture above 0.1 micron dust, no wasted powder, at the same time, gas become clean air via filter, can circulate directly in the workshop;



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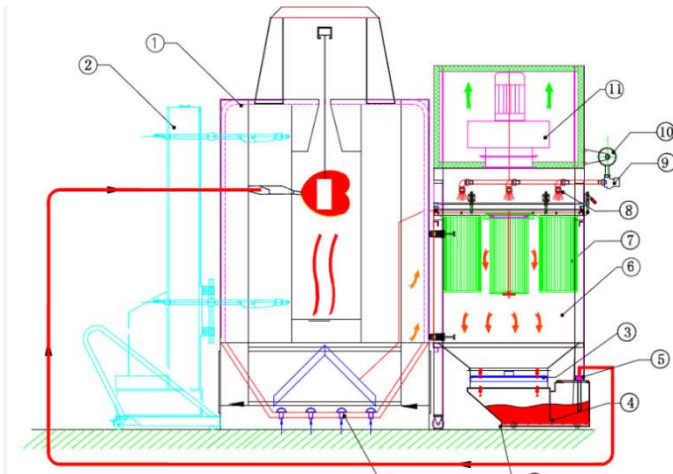
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Bag type filter element filter recycle system



Application & use

Bag type filter element filter recycle can be used for multicolor coating and mass production,

If customer need to coat more than 1 color for product, this recycle system could be quickly cleaned.

How many colors customer needed, how many bag type filter element filter recycle unit should be purchased.

DELI COATING will advise the optimal choice of equipment for the production in question. and other help for the operators.

Function

- Recycle rate can be reached 96%
- Small occupation space, filter element filter can be directly installed inside of powder coating booth or along booth wall installation.
- Powder recovery system with short circuit, characteristic change of powder is low, less powder loss.
- Powder recycle quantity can be adjustable by quantity and size of filter element.



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DELI COATING



Single conveyor

Conveyor system

The conveyor system transports the products through the finishing processes.

Often the conveyor system is not a focus point for the operator and maintenance personnel, but the conveyor is put to a very high strain.

We design conveyor system with very high load capacity and easy maintenance. The benefit of this is a conveyor system with little need of attention and many stable years of running.

We offer four type of conveyor system

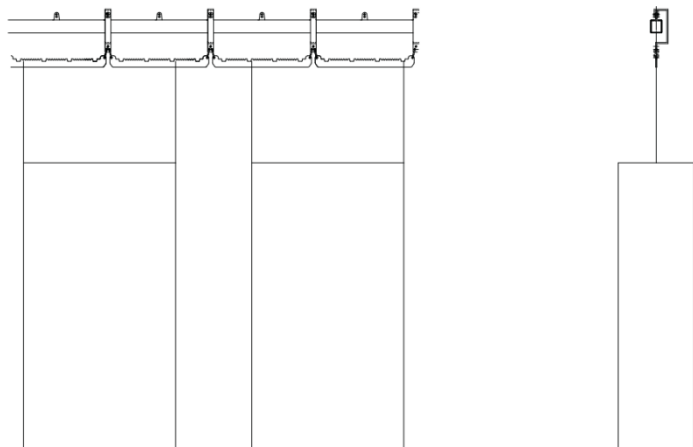
- Single conveyor
- Power and free conveyor
- Manual conveyor
- Floor conveyor

Single conveyor

On a single conveyor the products are transported continuous through the finishing system, without possibility to change track.



Single conveyor system



Construction

The chain has easy running wheels and runs in the C-profile.

For each link in the chain a product or product part can be hanged or a fixture can be mounted.

The profile can be turned with the opening upwards to avoid pollution of the products from the chain/rail.

One or more driving units pull the chain, they are constructed to transmit maximum power to the chain and give a minimum abrasion.

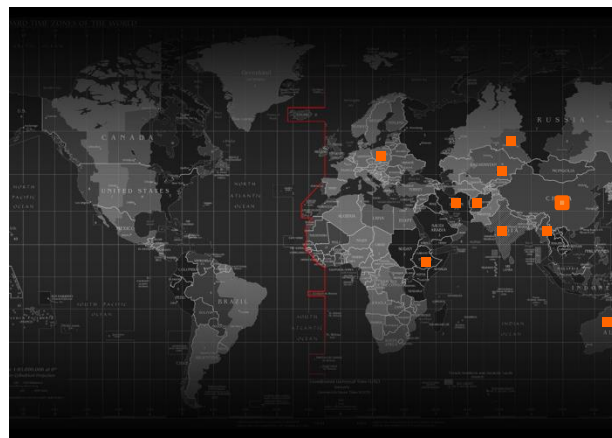
The speed of the chain can be regulated stepless by means of a frequency inverter. A pneumatic tensioning device keep the chain tense.

Function

The products to be painted are hanged from the chain in suitable jigs; one or more driving units pull them through the finishing system.

The number of driving units needed depends on the maximum load of the conveyor and the geometry of the overall layout of the finishing system.

In order to compensate for heat expansion and wear the system are equipped with pneumatic expansion units.



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The conveyor system transports the products through the finishing processes.

Often the conveyor system is not a focus point for the operator and maintenance personnel, but the conveyor is put to a very high strain.

We design conveyor system with very high load capacity and easy maintenance. The benefit of this is a conveyor system with little need of attention and many stable years of running.

We offer four type of conveyor system

- Single conveyor
- Power and free conveyor
- Manual conveyor
- Floor conveyor

Power & free conveyor

A power & free conveyor system provides you with the highest level of flexibility.

We apply power and free conveyor system for finishing system requiring one or more of the following functions:

- High load capacity (0-6000 kg or very long products-typical 0-25m in length)
- Very high flexibility-more booth system-more processes etc.
- Loading and unloading by hoist



Function

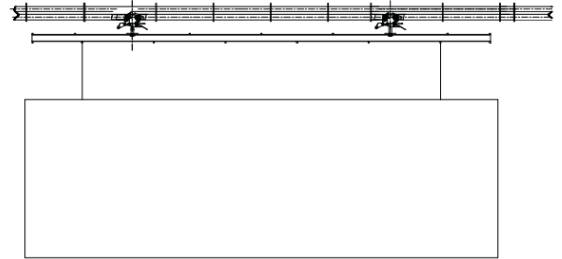
Each wagon carries one or more products or product parts. The wagon runs in an open “free” profile, and on top of this is the chain profile, the “power” –hereof the name “power and free”.

This system allows us to use the conveyor very similar to a railway track, which is the easiest way to describe the power and free system.

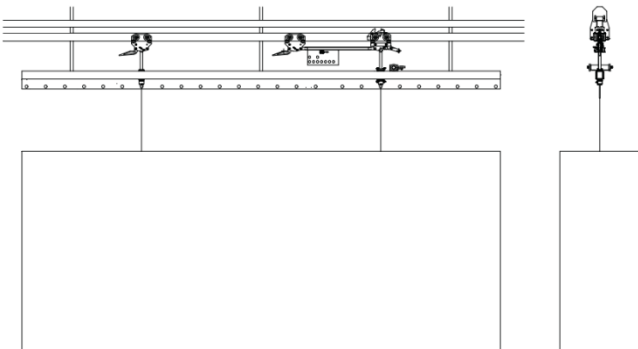
Each individual wagon can:

- Be started and stopped independent of each other.
- Buffer products in a buffer before loading-application-ovens etc.
- Each wagon can go in separate path/direction, and can obtain different processes.
- Be equipped with a number which the controller reads, giving the process and operator full information about the process it shall have-the process it go-time left-parts on wagon etc.

Power & free conveyor system



Power & free conveyor system



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Manual conveyer

Conveyor system

The conveyor system transports the products through the finishing processes.

Often the conveyor system is not a focus point for the operator and maintenance personnel, but the conveyor is put to a very high strain.

Manual systems offer a high degree of flexibility, and in combination with many types of shifts, cross transfer and lifts we can offer very advanced solutions which will only take up little space.

We design conveyor system with very high load capacity and easy maintenance. The benefit of this is a conveyor system with little need of attention and many stable years of running.

We offer four type of conveyor system

- Single conveyer
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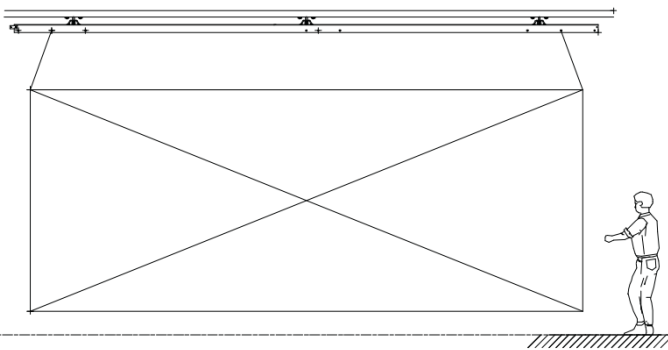
Manual conveyor

This conveyor system relies on manual conveying of the products through the processes of the finishing system.

The manual system can be combined with a chain pulling the wagon through parts of the process, either as step or as continuously, creating a semi-automatic function to the manual conveyor system.



Manual conveyor system



Function

For weights up to 2000 kg we use a C-profile that is mounted through the whole system. For heavier products and parts an I-beam system can come into function.

The system is very often constructed with shunting tracks and rotation devices, hoists and other help for the operators.

Application & use

Manual conveyor system is used for manual transfer of products through the processes of a finishing system. If semi-automatic transfer is required, a chain in part of the system can also be applied.

DELI COATING will advise the optimal choice of equipment for the production in question. and other help for the operators.

Construction

Each wagon consists of a two or more multi-wheeled trolley to which the load bar is attached.

The products are hanged on the load bar. The shunting tracks can be operated manually or automatically by means of pneumatic.

The shunting tracks can either be bi-directional or function as turntables.

To make the product handling easy it is possible to use lift/lower devices. These can also be used as stagger cranes, if there is different height in the line.

The manual system is used from the simplest systems to the very advanced and multifunctional systems.



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Floor conveyor

Conveyor system

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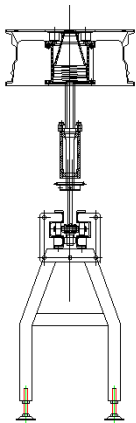
Floor conveyor

This conveyor system usually use for the products which are weight under 50KG and can not easily be hanged on the overhead conveyor

On a floor conveyor the products are transported continuous through the finishing system, without possibility to change track.



Floor conveyor system



Function

The products to be painted are hanged from the chain in suitable jigs; one or more driving units pull them through the finishing system.

The number of driving units needed depends on the maximum load of the conveyor and the geometry of the overall layout of the finishing system.

In order to compensate for heat expansion and wear the system are equipped with pneumatic expansion units.

Application & use

Floor conveyor system is used for the bumper, wheel, bottle etc. coating line.

DELI COATING will advise the optimal choice of equipment for the production in question. and other help for the operators.

Construction

For each link in the chain a product or product part can be hanged or a fixture can be mounted.

The product could be rotated when it go through the designated area.

One or more driving units pull the chain, they are constructed to transmit maximum power to the chain and give a minimum abrasion.

The speed of the chain can be regulated stepless by means of a frequency inverter. A pneumatic tensioning device keep the chain tense.



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DELI COATING



Control system

Control system

Focus for us when developing our controls for finishing systems is:

- Easy operation
- Reliable operation
- Retrievable data and history
- Build-in system which can save energy
- Safe back-up
- Interface for online service

Functions

Typical PLC/PC based control with large touch screen for easy operation:

- Intuitive user interface
- Integral with overriding systems
- Possibility of user manual in the control
- Complete calendar for monitoring of working
- Start-up / shutdown and service
- Built-in energy saving function

Environmentally friendly

As the environment is essential for us, we do our utmost to make our controls an active part in saving energy for the benefit of customers and the environment.

Our environmentally friendly system is based on e.g. the use of frequency changers because we cut the energy consumption, which the load is reduced. This gives a direct saving of the daily operation.



Monitoring

Extended monitoring makes it possible to overview the consumption of electricity, gas and water.

The control system can also include features such as throughput in kg/hour. This is a way for the control system to give an exact overview of the work.

The analysis of the cost price can then be further specified and at the same time more accurate.

Online

Generally all our systems are designed to run online service through VPN connection enabling DELI COATING to supervise the finishing system online (VPN connection must be available to us).

Gap control

Exact product detection optimizes the working further as it starts/stops the finishing line process (e.g. pretreatment, application) if no product is coming through.

When using Gap control the finishing system runs optimally and saves energy.

DELI COATING has designed and developed a new rinse and pump system. E.g. in a 5-stages pretreatment with seven pumps of totally 28 KW you can save up to 8 KW.

The DELI COATING control system gives overview of service and maintenance, optimizing of the working and more eco-friendly consumption.



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COATING EQUIPMENT SELECTION GUIDE

ABOUT YOUR PRODUCT

Size		Material		weight	
Rust	<input checked="" type="checkbox"/> / <input checked="" type="checkbox"/>	Grease	<input checked="" type="checkbox"/> / <input checked="" type="checkbox"/>	Dust	<input checked="" type="checkbox"/> / <input checked="" type="checkbox"/>

ABOUT YOUR PROCESS

WET PAINT <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/>		POWDER COAING <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/>		Electrophorese <input checked="" type="checkbox"/> / <input checked="" type="checkbox"/>	
Quantity of layers		Quantity of colors		Max Temperature in your city(°C)	
Paint ingredients		Thickness of paint		Min Temperature in your city(°C)	
Curing temperature (°C)					
Curing time(min)					

ABOUT YOUR WORKSHOP

Size		Energy	Gas <input type="checkbox"/>	Voltage	
			Diesel <input type="checkbox"/>		
			Electric <input type="checkbox"/>		
			Others <input type="checkbox"/>		

ABOUT YOUR REQUIREMENT

Production capacity		/hour
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Other requirements:

DELI

WORLD WIDELY SUPPLIER OF FINISHING SYSTEM

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