

Industrial Spray Booths

Spray Painting and Powder Coating Plants
for Industry and Craft

Spirit of Air



Contents

Pretreatment 2

- ▶ Spraying-Pretreatment Plants
- ▶ Washing Booths for High-pressure Cleaning
- ▶ Waste water free Water Treatment Technology
- ▶ Blow-off Zones
- ▶ Adhesive Water Driers

Spray Painting 4

- ▶ Spray Booths with Dry Separation
- ▶ Spray Booths with Wet Separation
- ▶ Booths for Vehicle Repair
- ▶ Large Booths
- ▶ Evaporation Zones
- ▶ Ovens
- ▶ Cooling Zone
- ▶ Air-conditioning Technology for Spray Painting, Heating, Humidifying, Cooling, Combined Air Inlet / Outlet Plants with Heat Recovery, Energy-saving Circuits

Powder Coating 6

- ▶ Powder Coating Booths
- ▶ Powder Ovens

Conveyor Technology 7

- ▶ Power & Free-Systems
- ▶ Circulating Chain Conveyors
- ▶ Manual Sliding Systems

Control Technology 8

Online Service 8

Air Conditioning 9

Plant Portraits 10



Powder Coating



Pretreatment before Powder Coating



Water Treatment / Spraying Technology



Washing Booth



Cleaning Booth



Pretreatment of Automotive Parts

Pretreatment Plants

Today, increasing demands to surface quality and the highly rising consumption of water paints require an optimal preparation of the workpieces.

WOLF is providing the basis for a first-class quality of the surfaces already during pre-treatment, where the exact coordination of the process to the respective workpiece is especially important.

WOLF pretreatment plants are designed completely in high-grade steel.

Heated zones are insulated. Pumps, fittings and control displays are easy to survey.

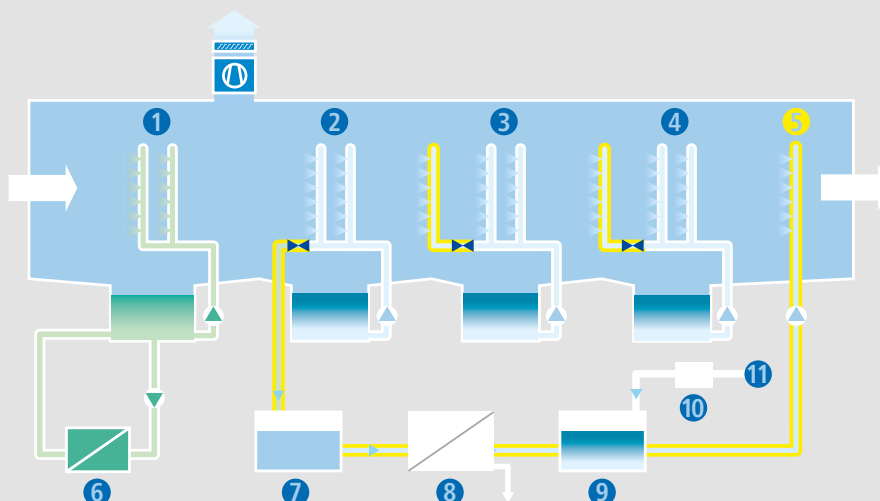
In general, pretreatment plants by WOLF stand out for good accessibility and easy handling.

WOLF Pretreatment Plants are rated for highest efficiency, while strictly observing the legal requirements for environmental protection.

Rinsing baths are generally used several times in cascade technology.

The lifetime of the active baths is prolonged by suitable bath care measures, for example by oil separators.

Example of a 4-stage Pretreatment Plant



1. Degreasing
2. Rinsing 1
3. Rinsing 2
4. Rinsing 3
5. VE Rinsing (— = Cascade)
6. Heat Exchanger
7. Storage Tank
8. Evaporator with Concentrate Discharge
9. DI Water Tank
10. Softening and Reversal Osmosis
11. Fresh Water

Spray Painting



Spray Booth with Dry Separation



Spray Booth with Wet Separation



Spray Painting

Spray Booths with Dry Separation

If throughputs aren't too high and the resulting filter exchange intervals not too short, spray booths with dry separation will be preferred.

Usually, paint mist separators made of Amerglass are used. For higher lifetimes a combination with folded cardboard filters is applied.

Spray Booths with Wet Separation

For high workpiece numbers and thus high paint quantities, a paint mist separation by a Venturi Scrubber System is appropriate.

The whole scrubber system is designed in high-grade steel. The overspray is removed in a separate cycle with controlled coagulant dosage in a paint sludge removal system with surface clearing.

Evaporating Zones

In the evaporating zones, water and solvent parts are carefully removed from the paint layer, so that there will be no bubbles during subsequent drying. Like ovens, evaporating zones are operated in recirculating operation with fresh air proportion.

Being specialist in air-conditioning technology, WOLF offers solutions for climatic conditions with a regulated relative humidity, for example by sorption or refrigeration technology, if this is necessary for certain paint materials.



Paint Ovens



Evaporating Zones



Air-conditioning

Paint Ovens

Now as before, the classical convection drying is the mostly used drying process, since even complicated geometries can be dried safely. The conception of the oven is based on a uniform flushing of the work-piece room and a good insulation.

Heating is effected indirectly with a heat exchanger, so that flue gases are separated from process air and a reaction with the paint material is excluded.

Cooling Zones

For spray booths with several layers, i.e. several spraying and drying processes in series, the component parts must be cooled after drying before they enter the next spray booth, so that the new painting can perfectly be applied.

Cooling zones are also installed behind clear coat drying, if the distance to unloading is too short.

For cooling zones, usually special machines are used, running in fresh / exhaust air and in partial recirculating air operation.

Operating the cooling zone with refrigeration technology offers the advantage of always equal zone temperature, but requires a much higher energy consumption. Using refrigeration technology makes sense where cooling zones can be built only very short due to reasons of space.

Air-conditioning Technology

As producer of heating, ventilating and air-conditioning equipment, WOLF offers the full programme for spraying technology from the simple heating to the full air-conditioning in fixed sizes.

WOLF has always attached great importance to the consistent realization of measures for energy saving, for example by heat recovery or highly developed energy-saving circuits.

From the wide range of heat recovery systems, you can choose the optimal solution for each booth type.

Powder Coating



Powder Spray Booth



Powder Oven



Powder Coating Plant



Powder Coating Plants

WOLF powder coating plants are already being used by many middle-class and contract coating companies for various products like, for example, switchboard claddings, fittings, tractor parts etc.

Material flow of the workpieces is mostly realized by Power & Free-conveyor technology, for plants without logistic requirements by a cycle conveyor.

Powder Spray Booths

WOLF powder booths are absolutely smooth inside and can be cleaned quickly. Depending on the number of colours and the frequency of colour changes, different concepts for powder recovery are used.

For frequent colour changes, either cyclone separations or concepts with movable booths are chosen.

For plants with large batches of the same colour, booths with a filter change trolley are the right solution.

Powder Ovens

Powder ovens by WOLF are produced of highly insulated, solid steel panels. Depending on the plant concept, continuous ovens or chamber driers are realized. Continuous ovens are designed either as higher A-driers or with recirculating air sluices.

Heating is effected indirectly with oil or gas by a heat exchanger with highest energy exploitation.



Power & Free Floor Conveyor



Overhead Conveyor



Manual Sliding System

Conveyor Technology

In WOLF-spray booths, you will find a very wide range of conveyor systems, from the simple manual sliding conveyor to the highly flexible Power & Free-plant with electronic signal exchange for robot control. It depends on many factors, which conveyor type is the most suitable for your plant.

Power & Free System

Large and heavy parts are mostly transported by cyclic systems like Power & Free-plants. This conveyor type is also used if different transport ways through the plant are to be possible or if there are different process times during spraying or drying.

Circulating Chain Conveyor

Circulating chain conveyors are transporting the parts through the plant at continuous speed.

This conveyor type is suitable if parts can be transported at short distances one after another, if parts needn't be removed out of the chain and if the process times are more or less the same.

Overhead Conveyors

Power & Free- or circulating chain conveyor as overhead conveyors have the advantage that disturbing floor rails are not necessary.

Floor Conveyors

Floor conveyors as Power & Free- or circulating chain conveyors are preferred where a possible contamination from above must by all means be avoided, for example when storing high-grade plastic parts for the automotive industry.

Manual Sliding Systems

Simple, but effective. Systems with exclusively manual handling or with partially automatic transport, for example through the hot drying zone, are being used.

Control Technology



Online-Service



Visualization



Control Technology



Control Technology

The whole control of the plant, the process and the conveyor technology are planned and built in our company.

This is a very important aspect, since in case of a „control problem“, you are in our experienced experts' good hands.

Visualization

The plant is easy to check and regulate by the touch-display at the switchboard.

Here, the whole plant is schematically visualized and all parameters as well as the kinds of operation can centrally be supervised.

In combined spraying and drying booths, the kinds of operation are shown by the mode lamp.

Online-Service

Each plant is switched to modem by WOLF. This online connection has proved to be a very helpful supervising function.

What is shown at the customer's switchboard, is also shown in our service center, if necessary.

In many cases, the failure can thus be identified and repaired quickly.

Distances don't matter. There is no easier and faster service.



Exhaust Air Ducts with Deflectors



Heating



Air-conditioning with Heat Recovery

Air-conditioning Technology

In addition to the many times approved serial machineries for spray booths and ovens, our division „Air-conditioning Technology“ offers the whole programme of ventilating plants even for demands like humidification and de-humidification as well as refrigeration, so that you receive complete plants from one hand.

Most modern and energy-efficient technology increases economy and assures a high plant availability.

Heating

Spray booths and ovens are heated indirectly by a high-grade WOLF-heat exchanger with oil or gas or by a warm water cycle.

For oil or gas heating, the flue gases are strictly separated from the process air.

Today, sensible supplements are systems supported by engine waste heat and block heating power stations. Equally sensible is the connection to chip or pellet heating plants.

Humidification

For water paints, a constant air humidity in the spray booth is often required.

Depending on the demand, spraying humidifiers (air washers), high-pressure humidifiers or steam humidifiers are used.

Please note that for increasing the relative humidity, much more energy must be used. Where possible, a system for heat and humidity recovery should be used (cf. heat recovery).

Cooling

Cooling technology is used where cooling zones can be built only very short for reasons of space and where in general you have to dehumidify and cool.

Here, our cooling specialists - who adjust the system exactly to the requirements already during planning - are competent.

Heat Recovery

Not least because of the high energy prices, heat recovery systems have become indispensable for surface engineering.

There are enormous savings, amortizing shortly despite the low financial additional expense.

WOLF offers the optimal solution for each application.

Plant Portrait: Spray Painting Plastic



Paint Supply & Machinery Technology



Robot movable



Spray Painting with Floor Conveyor

High-Tech for Trucks

Company Diebald in Rosenheim, being one of the big system suppliers of utility vehicles, consistently relies on spray booth technology made by WOLF.

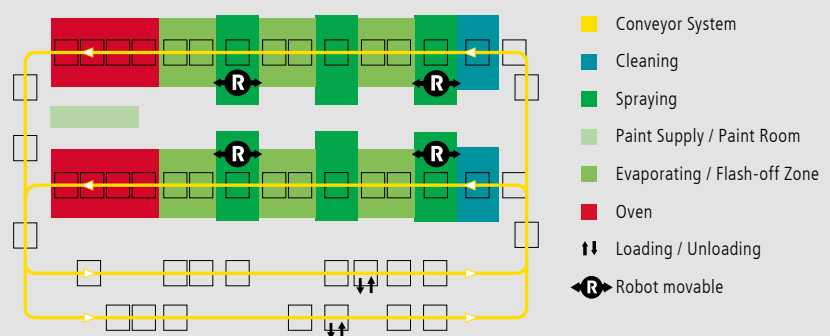
All essential plastic attachment parts of a truck made by a well-known truck manufacturer are painted automatically in WOLF-booths with 7-axis-robots and especially efficient application technology.

Meanwhile, the installed booth technology has reached an impressive size.

Utility Vehicles Supplier Industry

Booth Type	Spray Painting Lines	Conveyor	Power & Free
Workpieces	Car Plastic Parts, High Roofs, Fenders, Wind Fenders etc.	Cycle Time	6 min
Parts Size	2500 x 2000 x 1600 mm (LxWxH)	Application	Spray Painting Automatic Coating
Parts Weight	250 kg	Paint System	Water Paints

Plant Scheme





Spray Painting with Manual Sliding System



Machinery Technology



Automotive Parts



Spray Booth

For very special cars

There is a high demand for company ZenTec as supplier to the automotive industry when realizing special cars series in premium range.

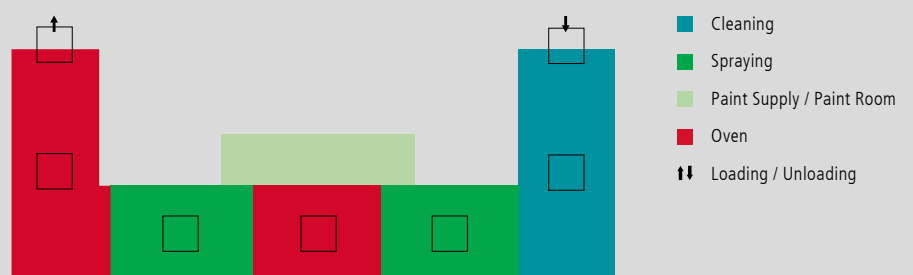
Among others, extravagant body parts are being developed in order to design vehicles of small to medium special series to individual, desired jewels.

Two spray booths by WOLF have already been delivered to branch Mülheim-Kärlich.

Automotive Industry Suppliers

Booth Type	Spray Painting	Cycle Time	variable
Workpieces	Plastic Outside Parts (Fenders, Edges, Ornamental Strips etc.)	Application	Spray Painting Manual Coating
Parts Size	2200 x 1000 x 1200 mm (LxWxH)	Paint System	Water Paints
Conveyor	Transport on Manual Trolleys		

Plant Scheme



Plant Portrait: Spray Painting Plastic



Robot stationary



Paint Supply



Lackschlammensorgung



Paint Booth for Automotive Interior Parts

Automatically in Series

Recon Paint GmbH offers highest quality in surface refinish for cars inside (plastics) and chassis periphery (metal).

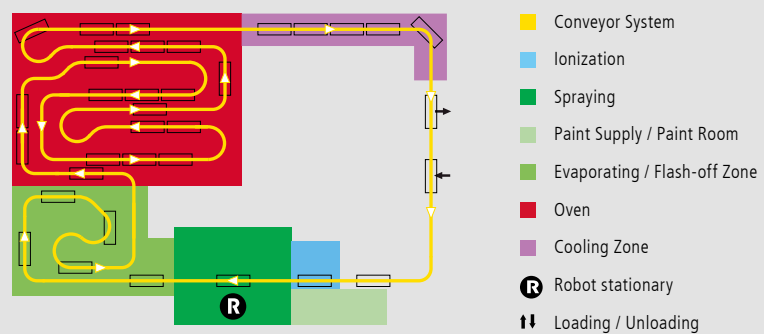
In Bersenbrück, paintwork in WOLF - booths has been done for many years.

Recon did their latest investment into a highly modern automatic line for coating car plastic inside parts.

Automotive Suppliers

Booth Type	Softfeel-Spray Booth	Application	Robot-Application
Workpieces	Cars Inside Parts	Paint System	Water Paints
Parts Size	1000 x 300 x 1200 mm (LxWxH)		
Conveyor	Floor Circulating Chain Conveyor		
Cycle Time	1 min		

Plant Scheme





Spot-Repair-Line: Paint Booth



Dryer



Paint Booth with IR-Dryer

Zagreb is booming

Company Ad Plastik is a well-known supplier to the automotive industry. At their centre Zagreb, a wide range of plastic inside parts and outside parts are being produced.

Meanwhile, the quantities are so high that an own spot-repair plant had to be provided. Decision was made in favour of WOLF.

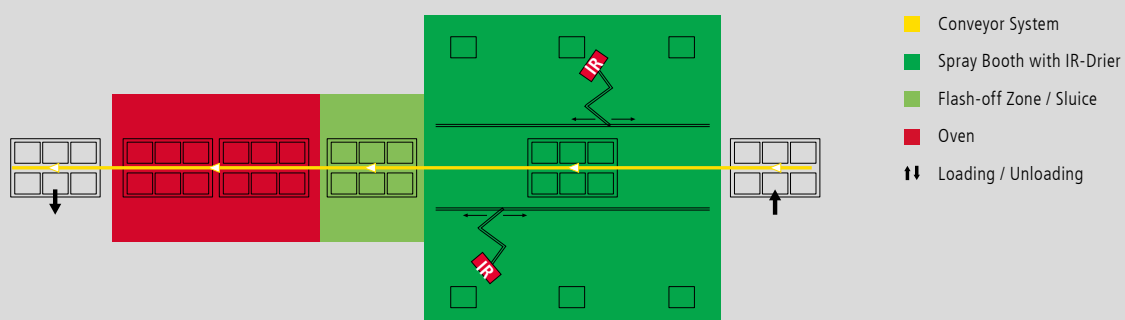
The booth is completely equipped for 6 working bays with application technology, IR-beamers, sanding and polishing plants.

On transport trolleys, the ready parts are then automatically transported through the flash-off zone and the oven.

Automotive Suppliers

Booth Type	Spot-Repair-Line
Workpieces	Fenders
Conveyor	Floor Cycle Conveyor
Cycle Time	variable
Application	Spot Repair
Paint System	Water Paints

Plant Scheme



Plant Portrait: Spray Painting Metal and Plastic



Cooling Zone



Machinery Technology



Paint Booth for Automotive Parts

One after another

Co. Brandl in Mamming has specialized in industrial painting of vehicle parts.

Also here, the idea of a more flexible and efficient plant solution emerged from the high demand for special series of vehicle parts.

For this reason, Co. Brandl has invested into a new, fully automatic spray booth by WOLF in which not only metal, but also plastic parts can be refined.

Using 4 spraying robots turns this plant into an especially efficient, fast and precise spraying line for high numbers at highest quality.

Automotive Suppliers

Booth Type	Spray Painting
Workpieces	Vehicle Metal and Plastic Parts, Fenders, Edges, Ornamental Strips etc.
Parts Size	2200 x 1000 x 1200 mm (LxWxH)
Conveyor	Power & Free
Cycle Time	5 min

Application	Robot-Application
Paint System	Water Paints





Conveyor System with Driving Cabs and Loading Platforms



Combined Booth Painting / Drying



Painting Line

Compact and Versatile

Multicar is international market leader producing device supports and transporters for communities and the gardening and landscape horticulture.

On site Waltershausen in Thuringia, Multicar has invested into an ecologically beneficial painting concept, consisting of a combined spraying/drying booth and a top coat spraying line.

By a suspension conveyor, the 6 combined spraying and drying booths by WOLF can be fed quickly and flexibly.

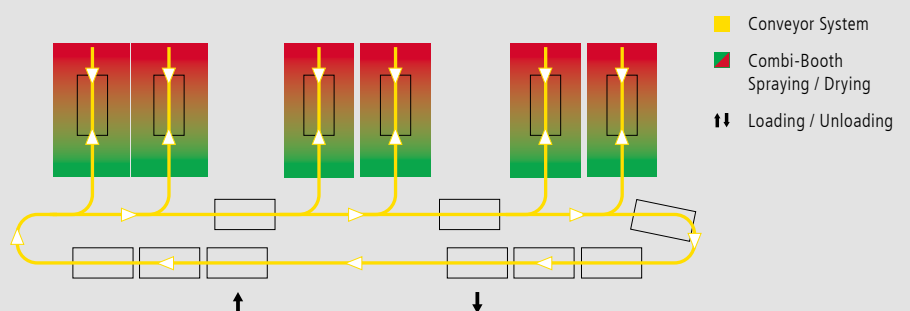
The flexible process control system of the plant technology for top coat has ideally been adjusted to the production of Multicar-device supports.

By the new plant and painting concept, Multicar is setting a mark in industrial production.

Device Supports and Transporters

Booth Type	Spray Painting
Workpieces	Vehicle Parts, Driver's Cabs
Conveyor	Manual Sliding System
Application	Wet Paint Manual Coating
Paint System	Water Paint

Plant Scheme



Plant Portrait: Spray Painting Metal



Sandblasting



View Paint Booth



Paint Booth with Manual Sliding System

As The Winter Sees Red

Company Kugelman in Rettenbach is a successful engineering company that has reached a leading market position with constant new development.

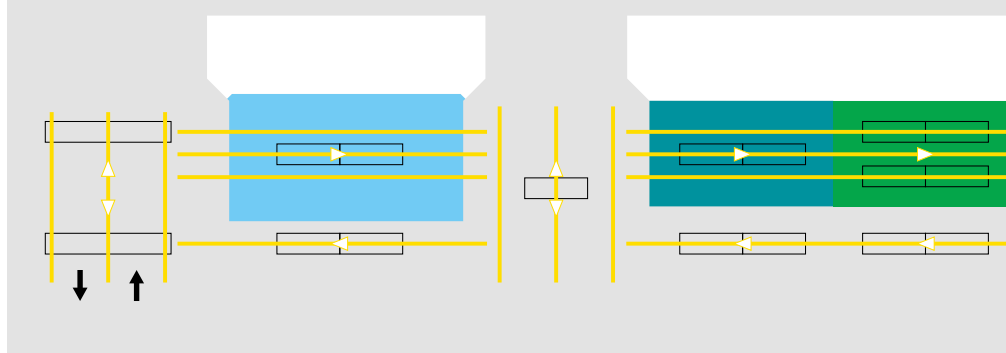
The wide range of products include snowplows and spreaders for winter maintenance, machinery for the maintenance of high quality turf in the sports sector, as well as complete cabins for machine tools.

The continued growth led to the expansion of production facilities and investing in a paint booth by WOLF.

General Industry

Booth Type	Spray Painting	Cycle Time	variable
Workpieces	Parts for communal vehicles, protection cabins	Application	Manual Coating
Parts Size	4000 x 2000 x 2500 mm (LxWxH)	Paint System	High-Solid Paints
Parts Weight	Up to 600 kg		
Conveyor	Manual Sliding System		

Plant Scheme

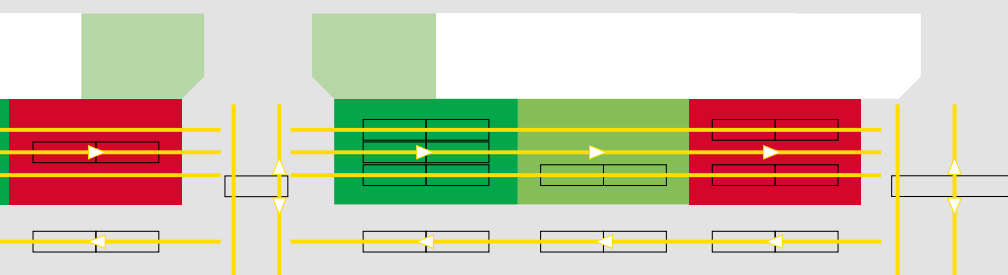




Conveyor System



Paint Mixing Room



- Conveyor System
- Sandblasting
- Pretreatment / Cleaning
- Spraying
- Evaporating / Flash-off Zone
- Paint Mixing Room
- Oven
- ⇄ Loading / Unloading

Plant Portrait: Spray Painting Metal



Parts Weight up to 4300 kg



Machinery Technology



Paint Booth for Building Machines and Cranes

Full Speed upwards

Bison Palfinger, a daughter of Palfinger-group, is producing lifting platforms of all sizes.

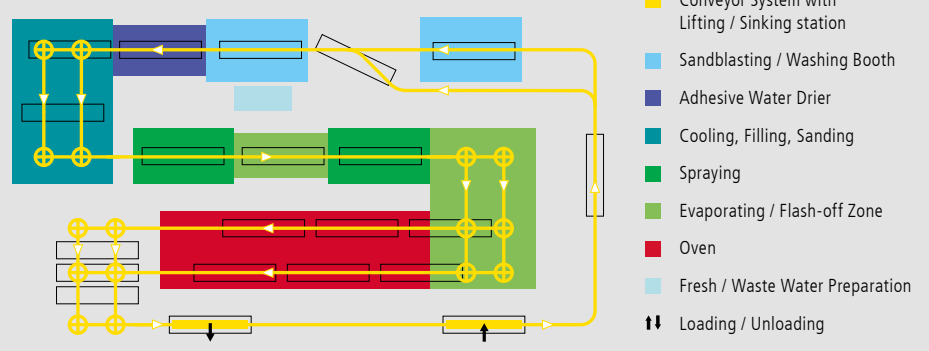
Parts range from transporter superstructures with a lifting height of 12 m to platforms with a lifting height of 61 m.

Due to the high increase at the branch Löbau, a new spray booth has been built.

Building Machines / Cranes

Booth Type	Spray Painting	Application	Manual Coating
Workpieces	Cranes	Paint System	Water Paints
Parts Size	9000 x 2500 x 2000 mm (LxWxH)		
Parts Weight	up to max. 4300 kg		
Conveyor	Suspension Conveyor with Turning Switches		
Cycle Time	45 min		

Plant Scheme





Evaporating / Flash-off Zone



Manual Sliding System



High-pressure Cleaning in Washing Booth



Painting



Dryer

Plant Portrait: Spray Painting Metal



Machinery Technology



Integrated Lifting Platform



Paint and Dry Booth for Special Vehicles

All-round Top Climbers

The series „PistenBully“ by company Kässbohrer Geländefahrzeug AG is active in the periphery of classical and modern winter sports.

The application of the special vehicles ranges from snow track care and steep hill preparation to fun park design and care.

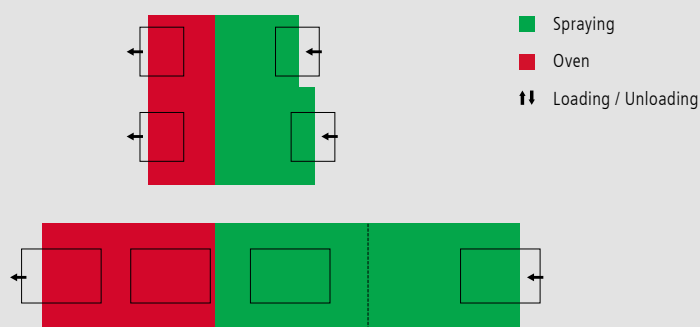
Here, a durable and sturdy surface coating is especially important.

WOLF spray booths provide the required high quality paintwork.

Special Vehicle Construction

Booth Type	Spray Painting	Conveyor	Transport on Manual Trolleys
Workpieces	Vehicle Parts and Booth Frames, Complete Vehicles	Cycle Time	variable
Parts Size	3500 x 1900 x 1600 5400 x 3100 x 1950 in mm (LxWxH)	Application	Spray Paint Manual Coating
Parts Size	1000 kg, 5000 kg	Paint System	Water Paints

Plant Scheme





Separatable for different Part Sizes

Up and Away

CWA Constructions SA. based in Olten is developing, producing and distributing worldwide cars for ropeways, funiculars, circulating cable cars, peplemovers and other special vehicles made of aluminum.

As a subsidiary, they belong to Doppelmaier-Garaventa group, the worldwide leading provider of ropeways.

The cable cars are partly exposed to extreme weather conditions. Near the sea and in the tropics, a high corrosion protection is very important; in high mountains, however, UV-protection is indispensable. The color variety is similar to that in the automotive industry.

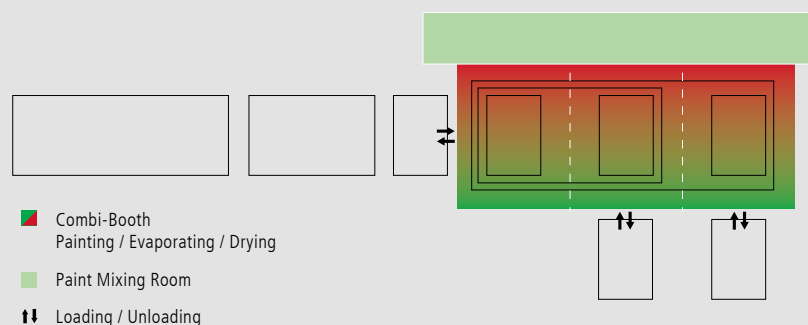
The three TAIFUNO vision booths are highly flexible used as a passage paint booth (painting, evaporating, drying) or independently as a combined booth.

When the roller doors are opened, it is a large booth consisting of 2 or even 3 booths, which can be used for our big projects like shuttles or monorails.

Special Vehicle Construction

Booth Type	Spray Painting	Conveyor	Transport on Manual Trolleys
Workpieces	Vehicle parts and cabin frames, whole vehicles	Cycle Time	variable
Parts Size	3000 x 4000 x 3000 7000 x 4000 x 3000 12000 x 4000 x 3000 in mm (LxWxH)	Application	Spray Paint Manual Coating
Parts Weight	Up to 800 kg	Paint System	Water Paints

Plant Scheme



Plant Portrait: Spray Painting Metal



Washing / Drying Booth



First-class Paint Booth for Industrial Parts

Industrial Painting

Company Burkhartsmaier has developed into a powerful group of companies since its foundation in 1973.

The industrial painting division has been an established and reliable partner of many medium and large companies in machine and plant engineering.

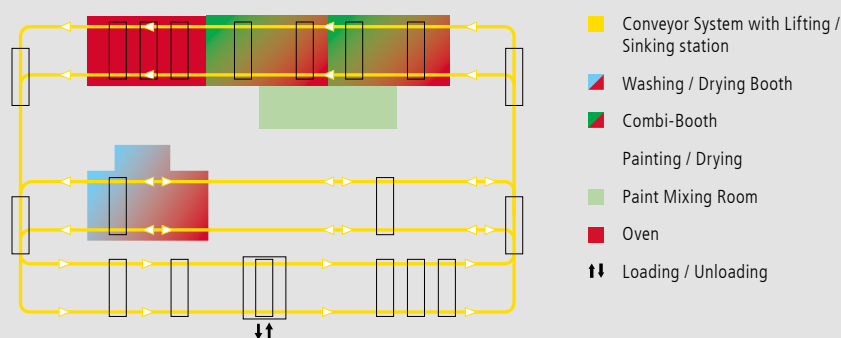
The steadily increasing numbers and customers' high demands to the surface engineering were decisive for the future-oriented investment in a new coating center.

In addition to the wet paint line, which is equipped with advanced heat recovery systems, the plant has a pretreatment booth where the components get an iron phosphating with subsequent rinsing in the high-pressure cleaning process.

General Industry

Booth Type	Spray Painting	Conveyor	Manual Sliding System
Workpieces	Parts for the general industry, commercial vehicle industry, wind power plants etc.	Cycle Time	variable
		Application	Manual Coating
		Paint System	Water Paints
Parts Size	3000 x 2000 x 2500 mm (LxWxH)		
Parts Weight	Up to 1000 kg		

Plant Scheme





Automatic Painting Line with Robot-Application



Precise, linear Coating



Exit from Cooling Zone



Machinery Technology

Sun yellow Stacker Trucks

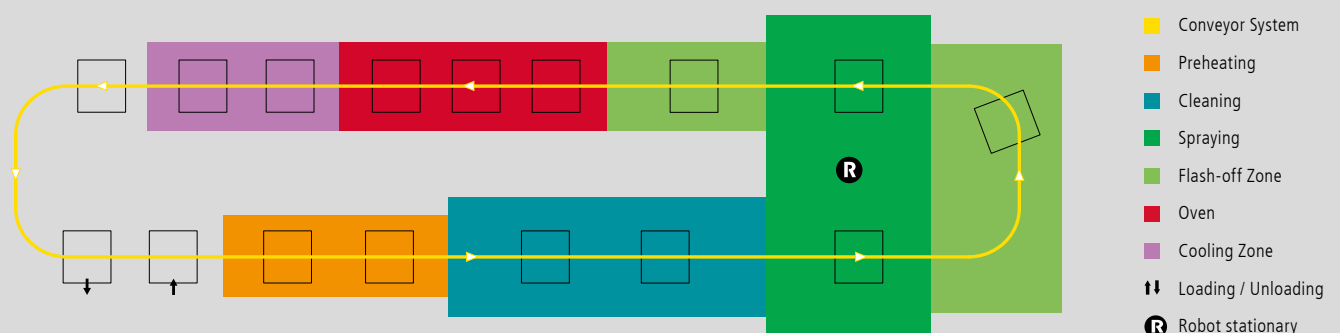
Company Jungheinrich AG is one of the biggest suppliers of industrial trucks, stock and material flow technology worldwide.

In stock technology, Jungheinrich is leading in Europe. At branch Moosburg (shown here), among others stacker trucks are being built and painted in company colour yellow in WOLF spray booths.

General Industry / Conveyor Technology

Booth Type	Spray Painting	Application	Robot-Application
Workpieces	Stacker Truck Parts	Paint System	Water Paints
Parts Size	1300 x 1000 x 1000 mm (LxWxH)		
Parts Weight	1800 kg		
Conveyor	Power & Free Floor Conveyor		
Cycle Time	10 min		

Plant Scheme



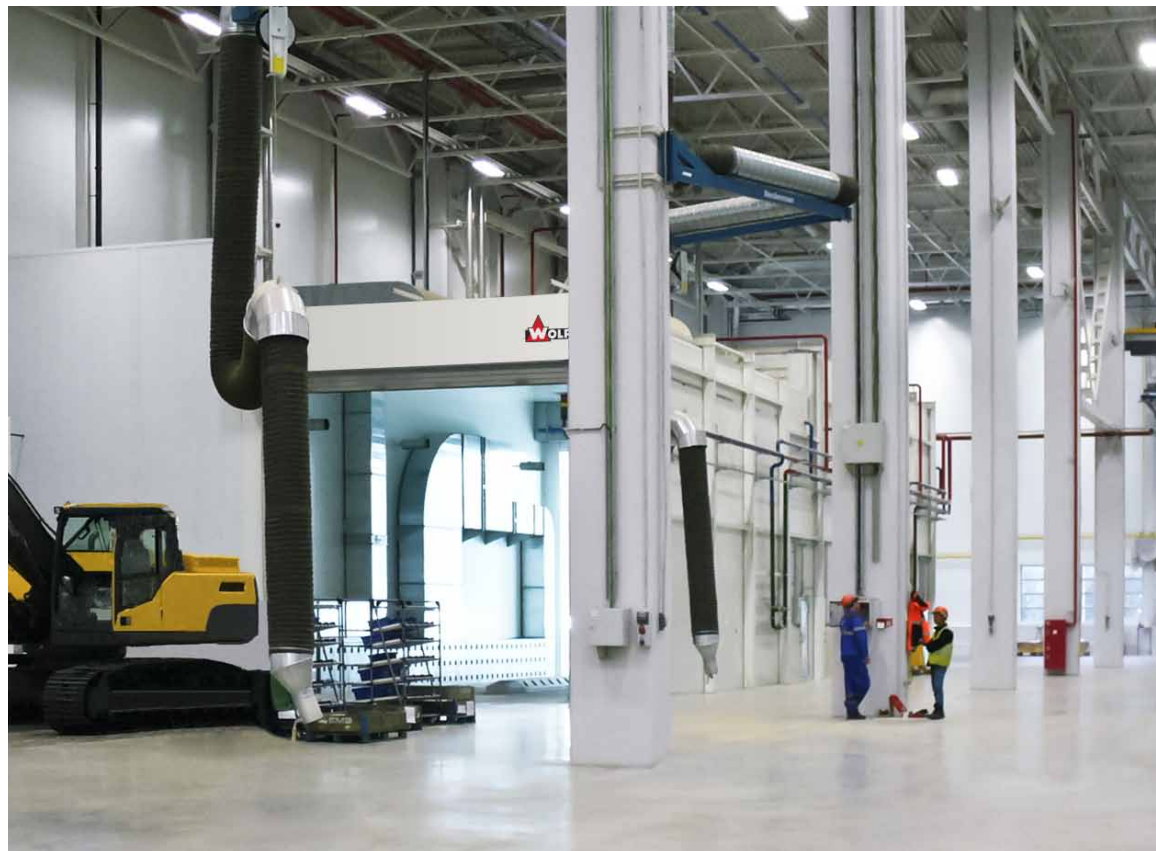
Plant Portrait: Spray Painting Metal



Exit Dryer



Jet Adhesive Water Dryer



4 Large-Space Spray Booths

For Heavy Boys

Also in Russia, Volvo's aim is to produce as close to the customer as possible. And excavators are a key product on this fast growing market.

For this reason, the new, top-modern excavator production plant has been put into operation in Kaluga factory, where six types of excavators are being built, up to model EC-480 (48 tons).

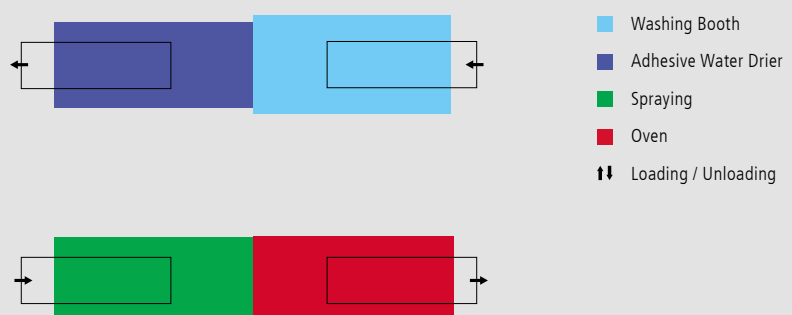
After assembly, the excavators get their perfect finish in the new spray booth for delivery to customers.

Together with their Russian partner, WOLF have planned and realized the spray booth, consisting of four large-space booths (dimensions: 16 x 8 x 8 m (LxWxH), each).

Construction Machines

Booth Type	Spray Painting Line	Application	Spray Painting Manual Coating
Workpieces	Construction Machines, especially Excavators	Paint System	High-Solid-coating Paints
Parts Size	12000 x 3400 x 3700 mm (LxWxH)		
Parts Weight	up to 48 tons		
Conveyor	Self-propulsion		
Cycle Time	approx. 45 min		

Plant Scheme





Paint Booth for Diesel Engines



Conveying to the Dryer

Powerful Motor Engine

Co. Tutaevskij Motorenwerke is one of the biggest manufacturers of Diesel engines in Russia. At their headquarters Jaroslavl, engines for most different ranges are developed. They are used in trucks, buses, tractors, building machines and further large machines and vehicles.

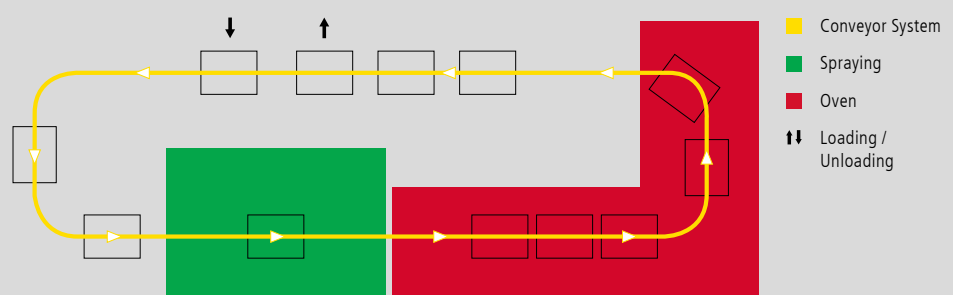
Tutaevskij relies on German painting technology made by WOLF.

With an automatic conveying system, the painting line offers sufficient comfort for easily painting the Diesel machineries with a weight of up to one ton.

Commercial Vehicle Supplier Industry

Booth Type	Spray Painting	Application	Wet Paint, Manual Coating
Workpieces	Motor	Paint System	Water Paints
Parts Size	1300 x 930 x 1130 mm (LxWxH)		
Parts Weight	1000 kg		
Conveyor	Power & Free		
Cycle Time	9 min		

Plant Scheme



Plant Portrait: Spray Painting and Powder Coating



Conveyor System



Powder Spray Booth



Spray Painting Line

Variety made in Bavaria

Company Schletter, Upper Bavaria, is producing an enormous wide range of products.

Solar-assembly systems, light box systems, aluminum extruded profiles, exhibition stand construction, welded constructions and the interior of rail vehicles are only a few of them.

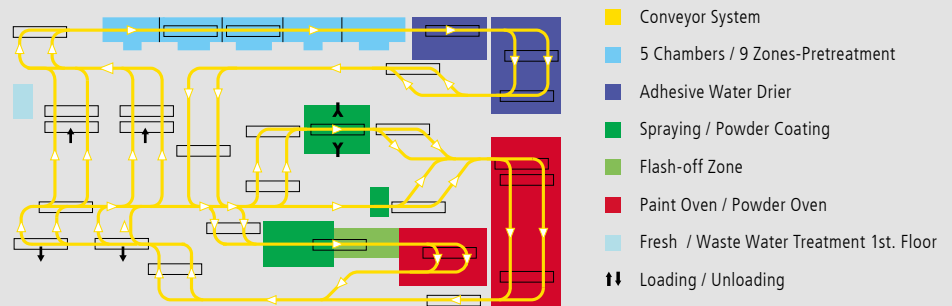
Among others, the railway industry, exhibition companies and vehicle manufacturers rank among their worldwide customers.

The company management of the family enterprise attaches great importance to the quality of their products called „Schletter“ which hasn't been the least reason for buying this large scale booth.

Metal- & Exhibition Building, Solar Technology

Booth Type	Combined Spray Painting / Powder Coating	Parts Weight	600 kg
Workpieces	Aluminum and Steel Parts for Metal and Exhibition Building, Solar Technology	Conveyor	Power & Free
Parts Size	6000 x 1000 x 2200 mm (LxWxH)	Cycle Time	6 min
		Application Powder	Automatic Application
		Application Spray Painting	Manual Coating
		Paint System	Powder Paints / Water Paints

Plant Scheme





Cooling Zone



Powder Oven



4-Stage Pretreatment

Quality for Motor Bikes

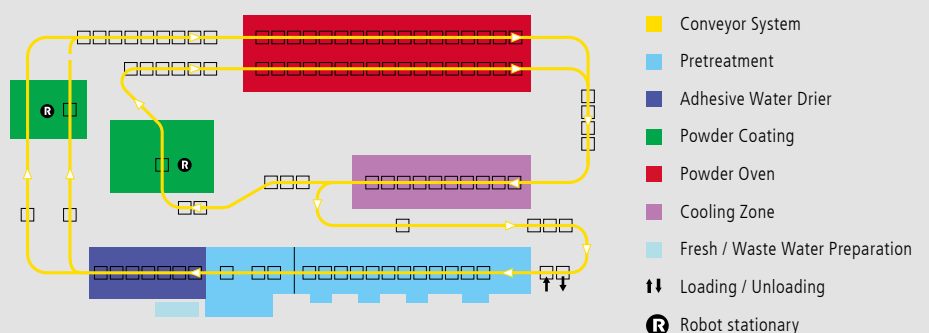
Company WELCO has specialized on surface refinish of automotive and bike parts in design quality.

At their site Bruck near Regensburg, two powder coating plants with most modern technical equipment are installed.

Automotive Supplier Industry

Booth Type	Powder Coating	Application	automatic
Workpieces	Motor Bike Frames	Paint System	Powder Paints
Parts Size	600 x 600 x 1250 mm (LxWxH)		
Parts Weight	25 kg		
Conveyor	Power & Free		
Cycle Time	1-2 min		

Plant-Scheme



Plant Portrait: Powder Coating Steel



Well mixed

Since 1974, company Collomix has successfully been dealing with the theme „stirring and mixing“ of paints, glues, mortar and other materials.

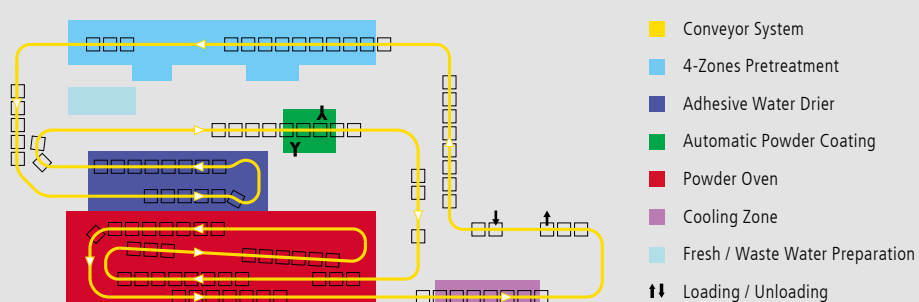
Permanently developing innovative new products has made Collomix to a worldwide leading manufacturer in stirring and mixing technology.

The parts get their high surface quality in a powder coating plant by WOLF.

Mixing systems for building applications / Industrial Mixing Technology

Booth Type	Powder Coating	Conveyor Speed	2 m/min
Workpieces	Stirrers, Mixers and Accessories	Application	Automatic Coating
Parts Size	300 x 400 x 650 mm (LxWxH)	Paint System	Powder Paints
Conveyor	Circulating Chain Conveyor		

Plant Scheme





Sturdy Machines

Being a young, innovative company, Kerner is developing and producing agricultural devices for ground cultivating at high technical level.

The modern and efficient WOLF powder coating plant secures the especially high quality standard.

Agricultural Technology

Booth Type Powder Coating

Workpieces Agricultural Parts

Parts Size 6000 x 1000 x 2200 mm (LxWxH)

Parts Weight 1000 kg

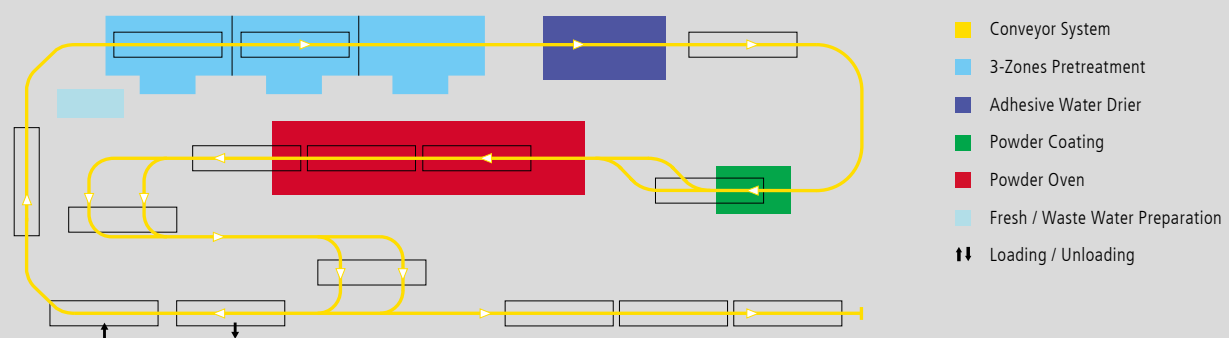
Conveyor Power & Free

Cycle Time 15 min

Application Manual Coating

Paint System Powder Paints

Plant-Scheme



Plant Portrait: Powder Coating Steel



Adhesive Water Dryer



Powder Spray Booth



Powder Coating of attachment parts for passenger cars and utility vehicles

Flexible Powder Coating

Company Hofmann, Murnau, is a middle-class company which originally started with a paintshop for accident repair.

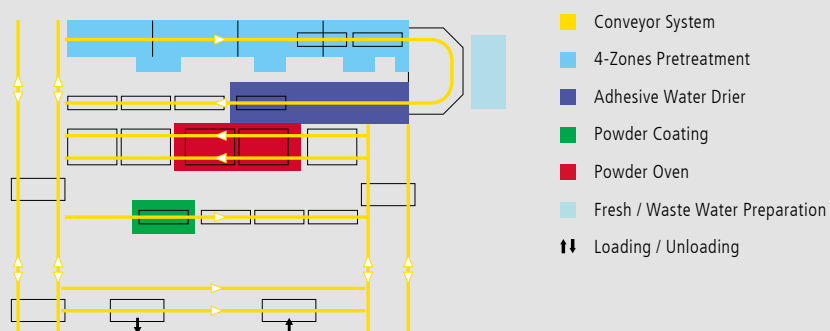
Due to the high demand for serial paintwork and for expanding business relations, a powder coating plant by WOLF has been installed.

The product range comprises steel parts for general industry as well as attachment parts for passenger cars and utility vehicles (MAN).

Industry / Craft

Booth Type	Powder Coating	Conveyor	Circulating Chain Conveyor / Cyclic Conveyor / Manual Sliding System
Workpieces	Steel Parts		
Parts Size	2200 x 600 x 1500 mm (LxWxH) Special length 5000 mm	Cycle Time	variable
		Application	Manual Coating
Parts Weight	150 kg	Paint System	Powder Paints

Plant Scheme





Powder Coating of Agricultural Parts



Manual Coating



Powder Spray Booth

Farm and Forest Workers

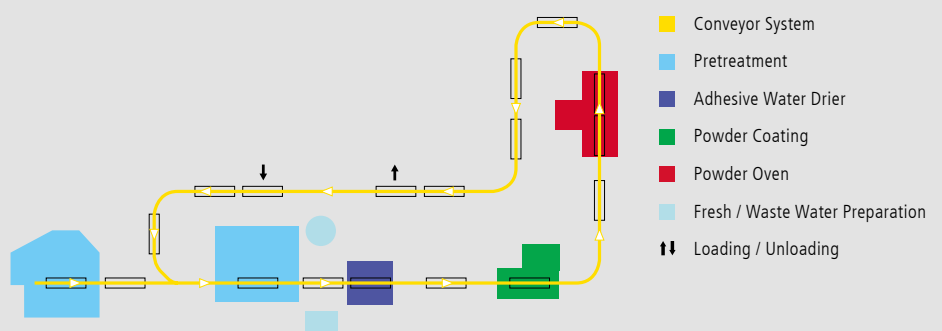
Co. Uniforest is a leading manufacturer of technical devices for forestry. Each day, dozens of forest cable winches, wood splitters and wood tongs in company colour yellow leave the Slovenian factory in Petrovče.

Forest machines are extremely stressed in outdoor use and thus require an especially sturdy coating. Therefore, the manufacturer relies on the high WOLF quality standard for powder coating.

Agricultural Technology

Booth Type	Powder Coating	Application	Manual Coating
Workpieces	Forest Cable Winches, Agricultural Parts	Paint System	Powder Paints
Parts Size	2000 x 800 x 1700 mm (LxBxH)		
Parts Weight	600 kg		
Conveyor	Power & Free		
Cycle Time	15 min		

Plant-Scheme





WOLF at www.facebook.com/wolf.geisenfeld
WOLF at www.youtube.com/wolfanlagentechnik

WOLF Anlagen-Technik GmbH & Co. KG
Surface Engineering Division
Münchener Str. 54
85290 Geisenfeld, GERMANY
Telephone +49 (0) 8452 99-0
Telefax +49 (0) 8452 99-350
E-Mail info.ot@wolf-geisenfeld.de
Internet www.wolf-geisenfeld.de

