



New Manual Unit

Sprint 2

Sprint 2 Expert

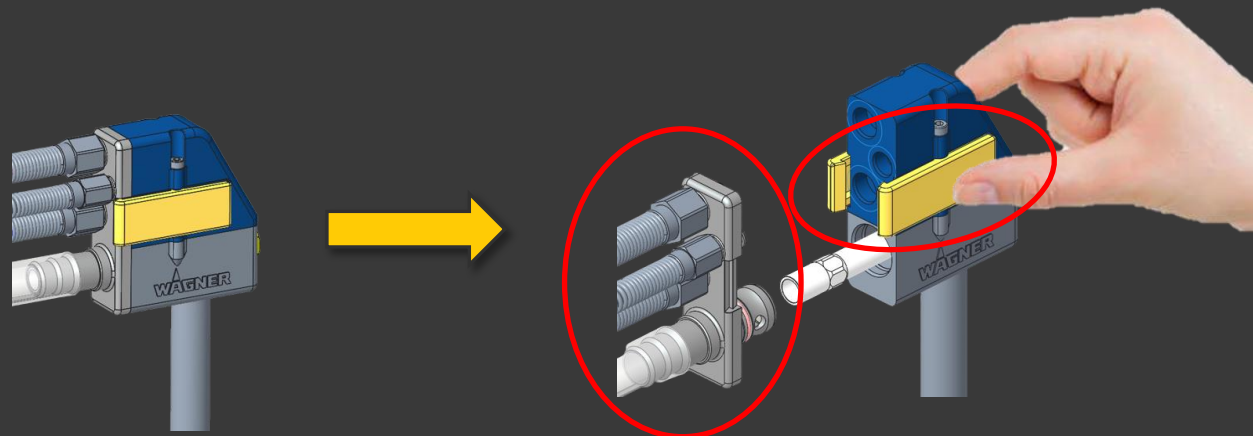
Paint Expo 2024
Thilo Hummel
April 2024



“Quick-Link” Injector – Saves work steps during high quality colour changes

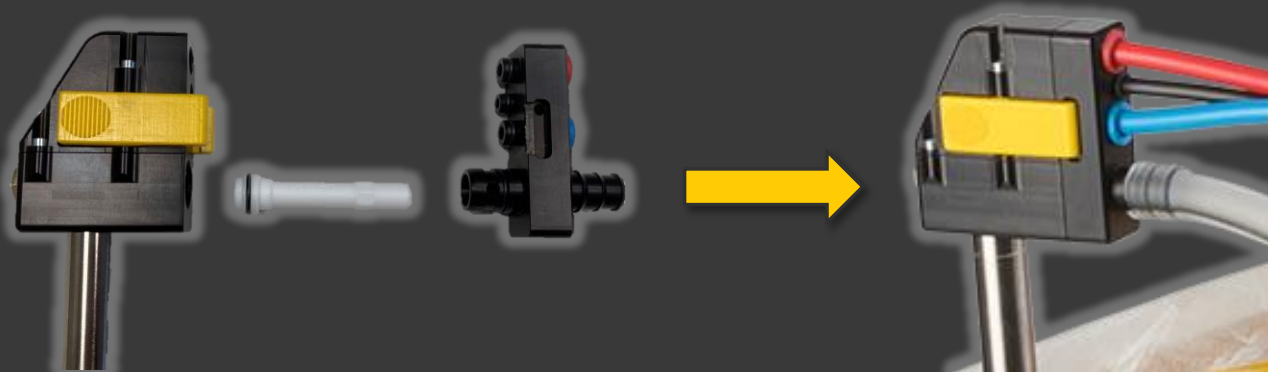


USP – new „Quick-Link“ injector



“Quick-Link”
Detach all hoses
with one hand

PXS
Collector- &
Injector nozzle



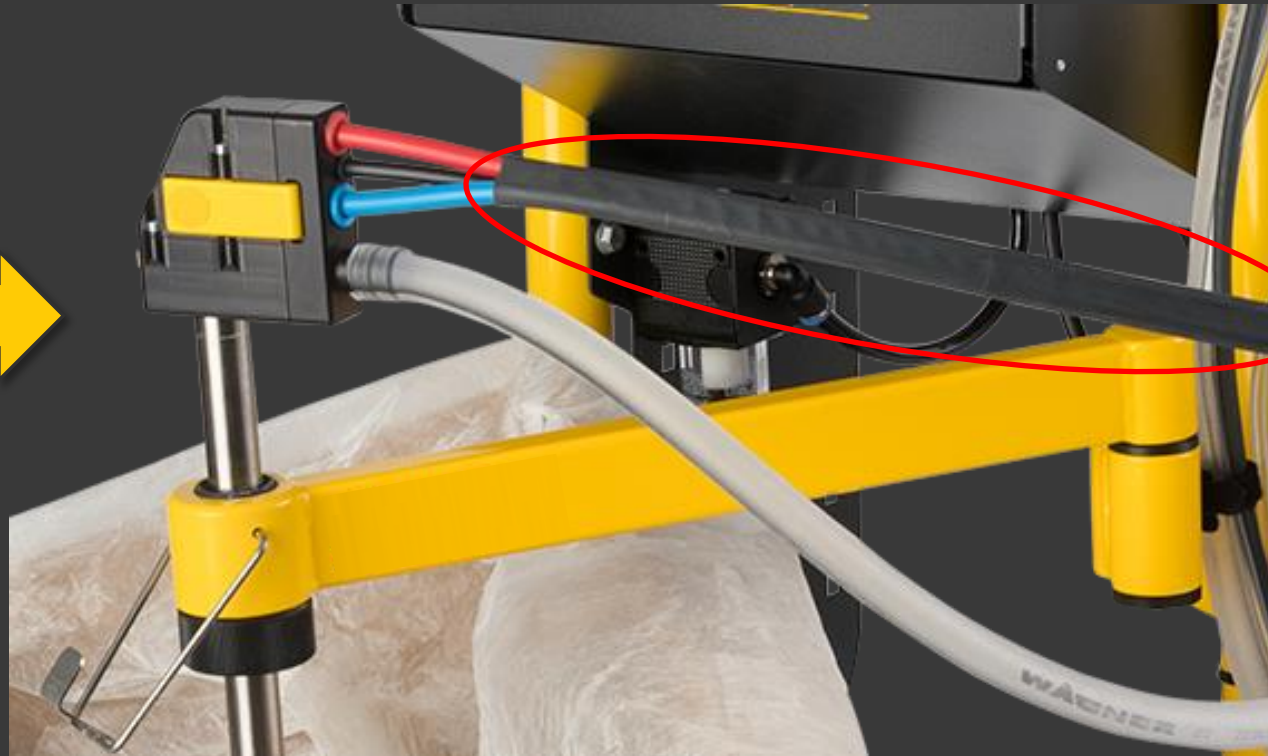
Separate
Coupling with
Carsticks
Interfaces

“Quick-Link” Injector – Saves work steps during high quality colour changes



USP – new „Quick-Link“ injector

permanently
screwed
interface to
suction lance



All air hoses in
1 tidy package

Robust swivel arm with external cleaning of the suction lance via scraper ring

External lance cleaning ring



Very robust
construction



External
lance cleaning
via scraper ring

ON / OFF
button

7-Segment Display

Rotation knob

Intuitive Symbols



Recipes

Functions:
DSO = Digital
Surface Optimizer

Cleaning

User-oriented cascade curve

- Performance or Coating-speed
- Spray distance gun to workpiece

Electrostatic-parameters

Current limitation of
0,5-5 μA possible

Air-parameters

7-Segment Display

Rotation knob

Intuitive Symbols

Functions:
DSO = Digital
Surface Optimizer
Cleaning

User-oriented cascade curve

- Performance or Coating-speed
- Spray distance gun to workpiece

Electrostatic-parameters

Current limitation of
0,5-5 μA possible

Air-parameters

Avoid overcharge effects with the new DSO-Function (Digital Surface Optimizer)



USP – What the Digital Surface Optimizer can do:

- helps every coater to achieve a more homogeneous surface quality
- Reduces overcharge effects (orange peel effect / edge build-up / backspray effects)



For complex
coatings, parts &
powders

For high
penetration and
undercuts with
short distances

WAGNER SPRINT 2 – „Performance and quality meet economy“

Excellent coating performance through the use of high-quality components

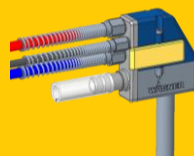
- Benchmark in transfer efficiency, powder output and powder charging
For fast and efficient coating



new

- Intuitive, clear operation –
All parameters at one glance

- Simple and quick color changes with a high cleaning intensity + external lance cleaning



new

Outstanding quality of the coating results

- AFC (Air Flow Control)
high-precision air volume control



- Optimal powder preparation

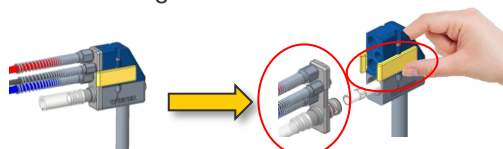


Benchmark in price-performance ratio

- Low purchase price
- For optimal unit costs



- **Quick-Link Injector**
for loosening with 1 hand



new

- **DSO - Digital Surface Optimizer**
Function for an optimized surface finish without overcharge effects



- **Configuration space**
All products of both lines can be configured



WAGNER SPRINT 2 Expert – „Elevates your expertise, elevates your efficiency“

Simplifies the job of all coaters and turns them into experts

- **Recipe Wizard** – The intelligent tool for a quick & easy way to a new recipe



new

- **Control unit with 7" touch display**
and an intuitive operating concept



new

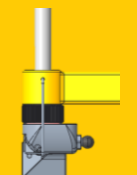
- **Interfaces for documentation**
and data transfer via USB or into the cloud



new

Optional efficiency- and quality enhancing features

- **Cleaning kit** for reliable, automated interior and exterior cleaning and reduced color change times



new

- **Powder consumption measurement**
for the documentation of reproducible data



new

Sprint 2 / Sprint 2 Expert – Product variant landscape



„WACON Sprint 2“

Manual Application „Sprint 2“

Powderset
Sprint 2 MPS



Manual unit
Sprint 2 CG



Manual unit
Sprint 2 T



Manual unit
Sprint 2 H



Manual unit
Sprint 2 B



Automatic Application „Sprint 2“

Powderset 1...n
Sprint 2 APS



„WACON Sprint 2 Expert“

Manual Application „Sprint 2 Expert“

Powderset
Sprint 2 Expert MPS



Manual unit
Sprint 2 Expert CG



Manual unit
Sprint 2 Expert T



Manual unit
Sprint 2 Expert H

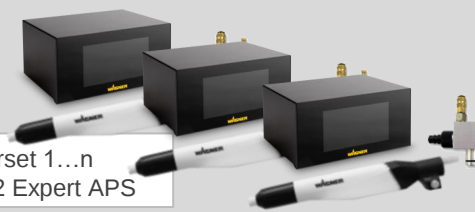


Manual unit
Sprint 2 Expert B

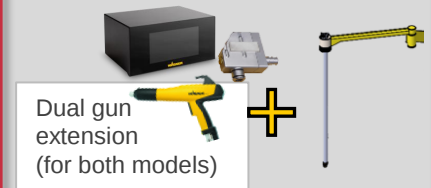
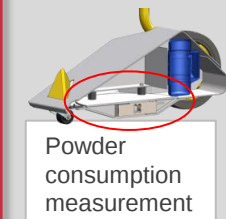


Automatic Application „Sprint 2 Expert“

Powderset 1...n
Sprint 2 Expert APS



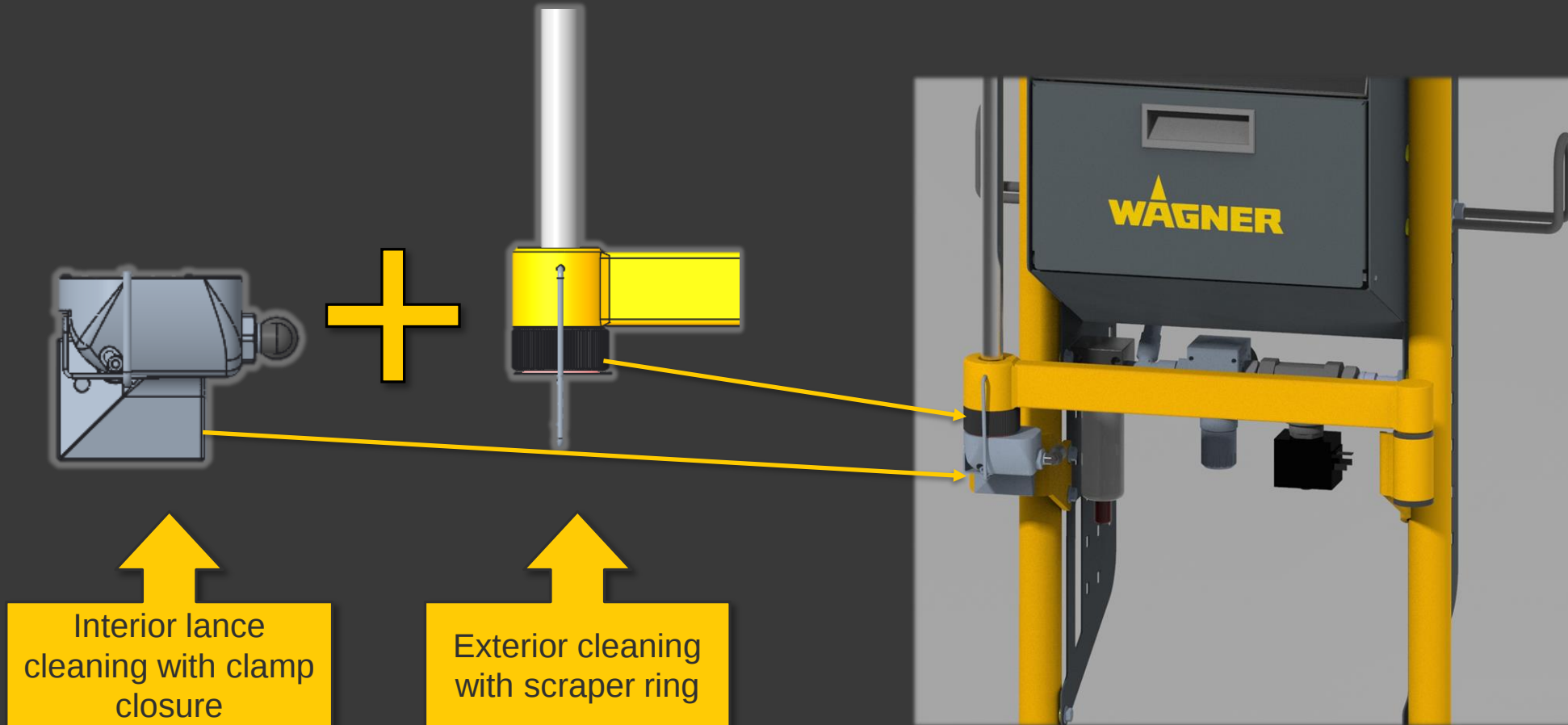
Options for „Sprint 2 Expert“



- Sprint 2
- Sprint 2 Expert
- Manual Application
- Automatic Application
- Options

Automatic exterior and interior lance cleaning station allows very fast colour changes

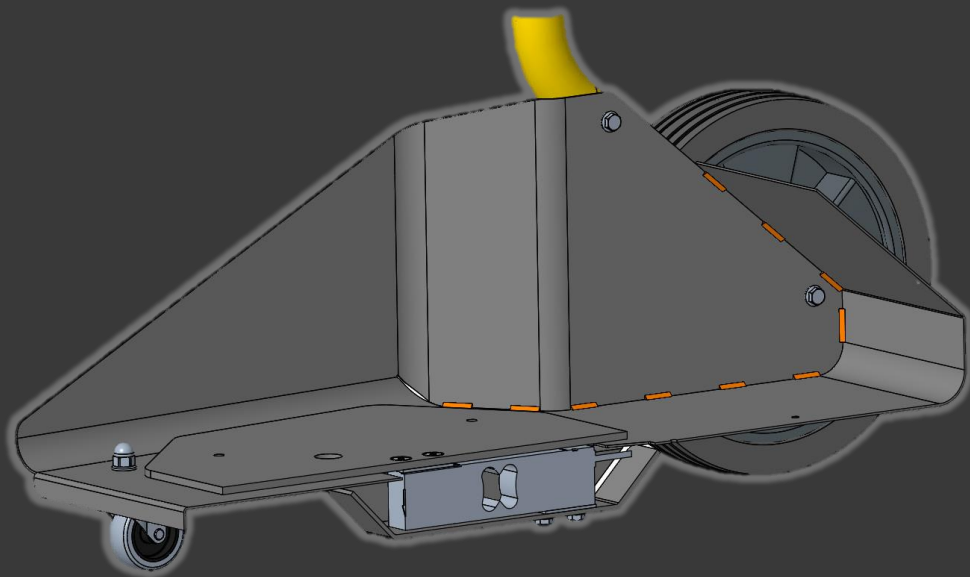
Usability – new automatic lance cleaning station



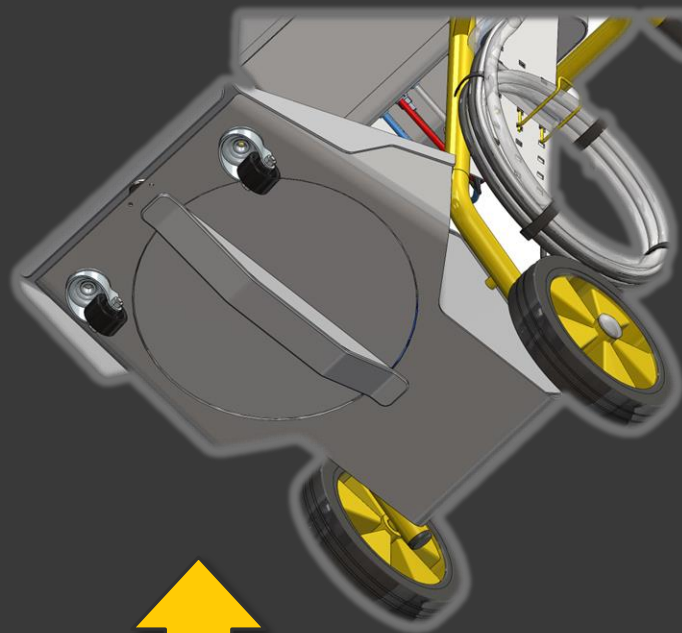
Job documentation feature: combine powder consumption data via load cell with user data, recipe data and its time stamps



USP – powder consumption measurement



Accurate
load cell under
the floor plate



Retrofittable for
airfluid and for
fluid bin

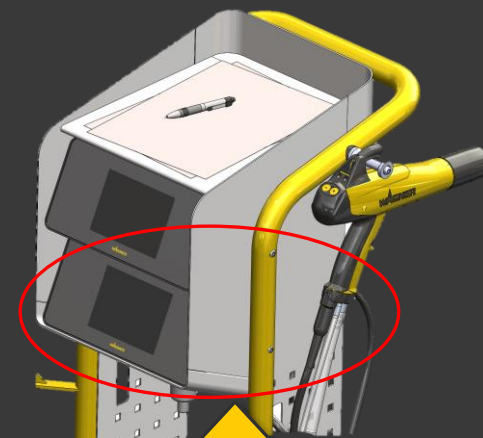
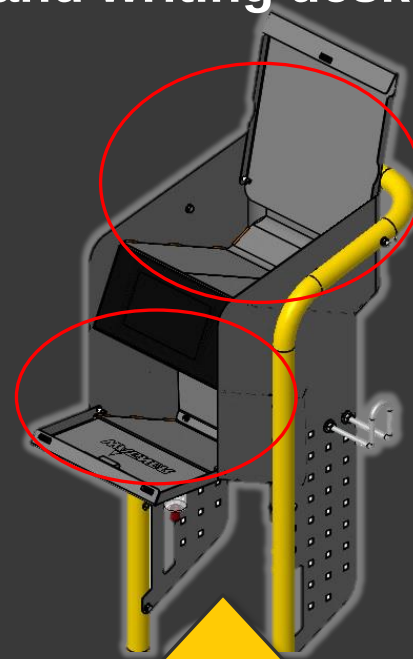
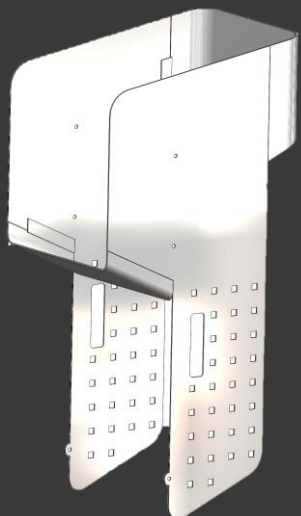


Data Upload to
Cloud
or Export via USB

The multifunctional head module supports operators in its daily work and allows a dust proof storage compartment



USP – new head module with perforated plate and writing desk



Tool holder plate,
compatible to every 10 x
38mm Euro Perforation.

Openable Table +
storage
compartment

Space for a 2nd
controler as a
„Dual Gun System“

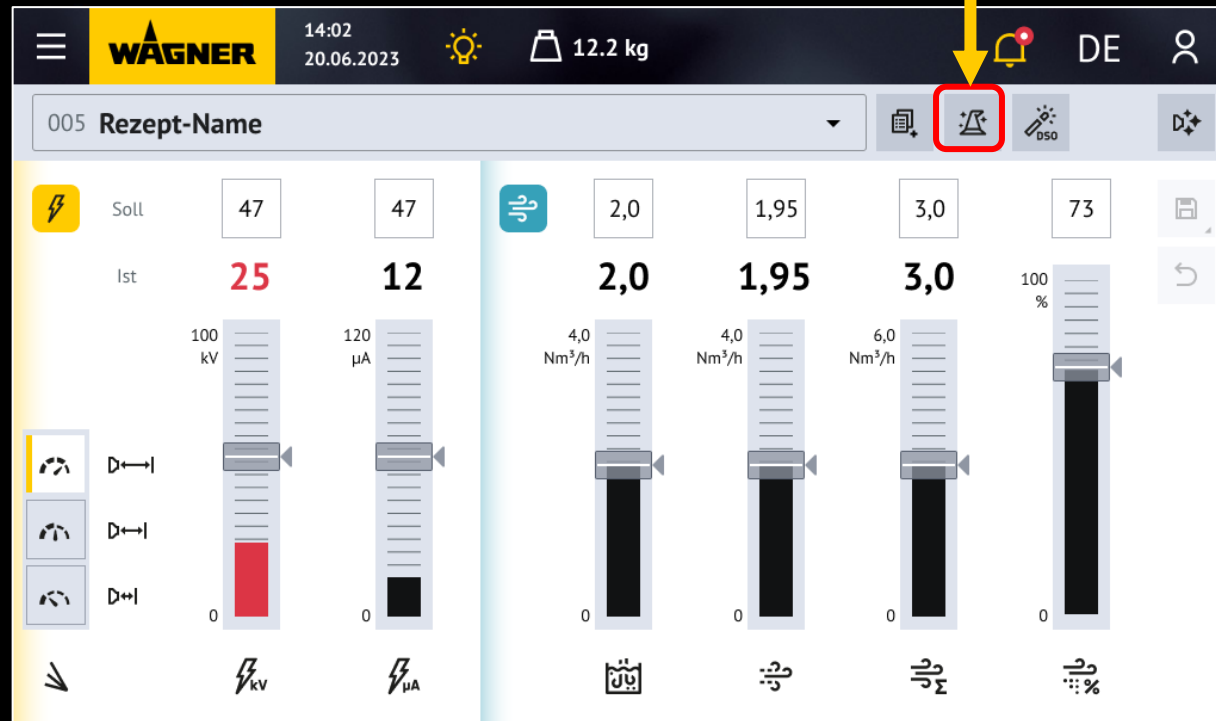
The multifunctional head module with perforated plate (Euro Perforation) Every accessory can get its own fix place



compatible systems:



Recipe Wizard – Enables even unskilled coater to find the right recipe with just a few simple questions



Logic of the Recipe Wizard – Choose your workpiece circumstances, starting with the part geometry



Schritt 1: Werkstück-Geometrie

 Flachteil	 Profil	 Kleinteile
 Rahmen/Gitter	 Felge	 Tiefenbeschichtung

Abbrechen Weiter

WAGNER

Logic of the Recipe Wizard – Further information about the workpiece will affect how the user works and leads to a parameter adjustment



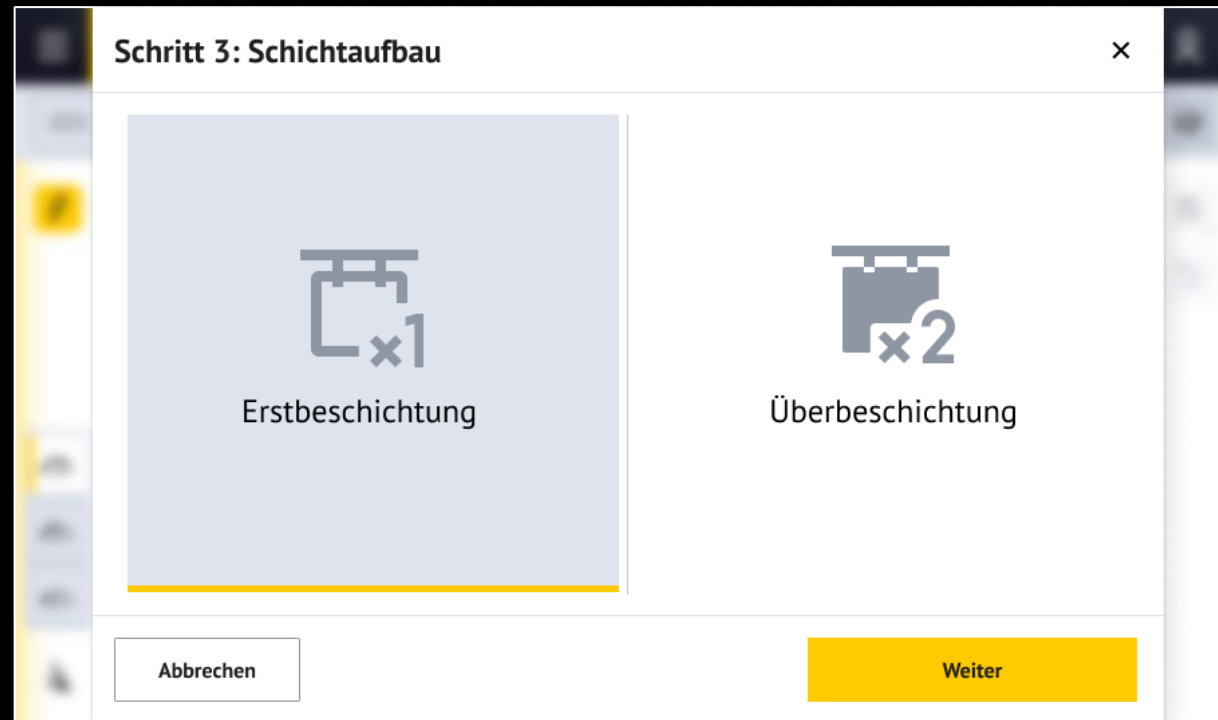
Schritt 2: Werkstück-Größe ×

Klein < 0,1 m ²	Mittel 0,1 - 1 m ²	Groß > 1 m ²

Abbrechen Weiter

WAGNER

Logic of the Recipe Wizard – Information about the coating job adjust the algorithm and therefore the parameters



Logic of the Recipe Wizard – The required layer thickness can be found in most production order documents



Schritt 4: Schichtdicke ×

 < 60 μm	 60-90 μm	 90-130 μm
--	--	---

Abbrechen Weiter

WAGNER

Logic of the Recipe Wizard – Since metallic applications have a major influence on the coating parameters, it is necessary to ask about the powder type.



Schritt 5: Pulvertyp ×

 Unicolor / Clear Coat	 Metallic
---	---

Abbrechen Weiter

WAGNER

Result of the Recipe Wizard – Recommend accessories and the right distance between gun and workpiece are shown at a glance



Empfehlungen für Applikation + Zubehör

Empfohlene Düse

Flachstrahldüse



☐ Ja ☒ Nein

Flachstrahldüse montiert?

Empfohlener Abstand zum Werkstück

10 cm 15 cm 20 cm 25 cm



+



Düsenverlängerung

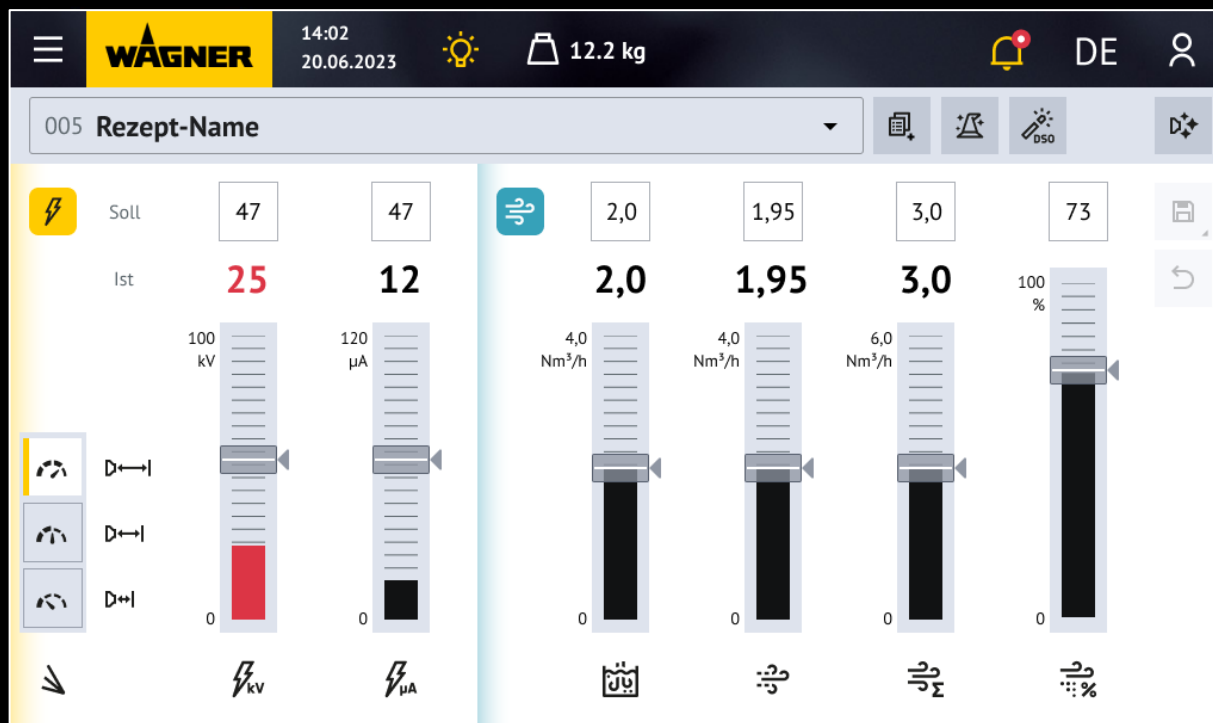
+



CoronaStar

WAGNER

Result of the Recipe Wizard – Even an unskilled coater gets a suitable recipe to achieve a good surface quality and he can save it.





New Manual Unit

Sprint 2

Sprint 2 Expert

Paint Expo 2024
Thilo Hummel
April 2024

