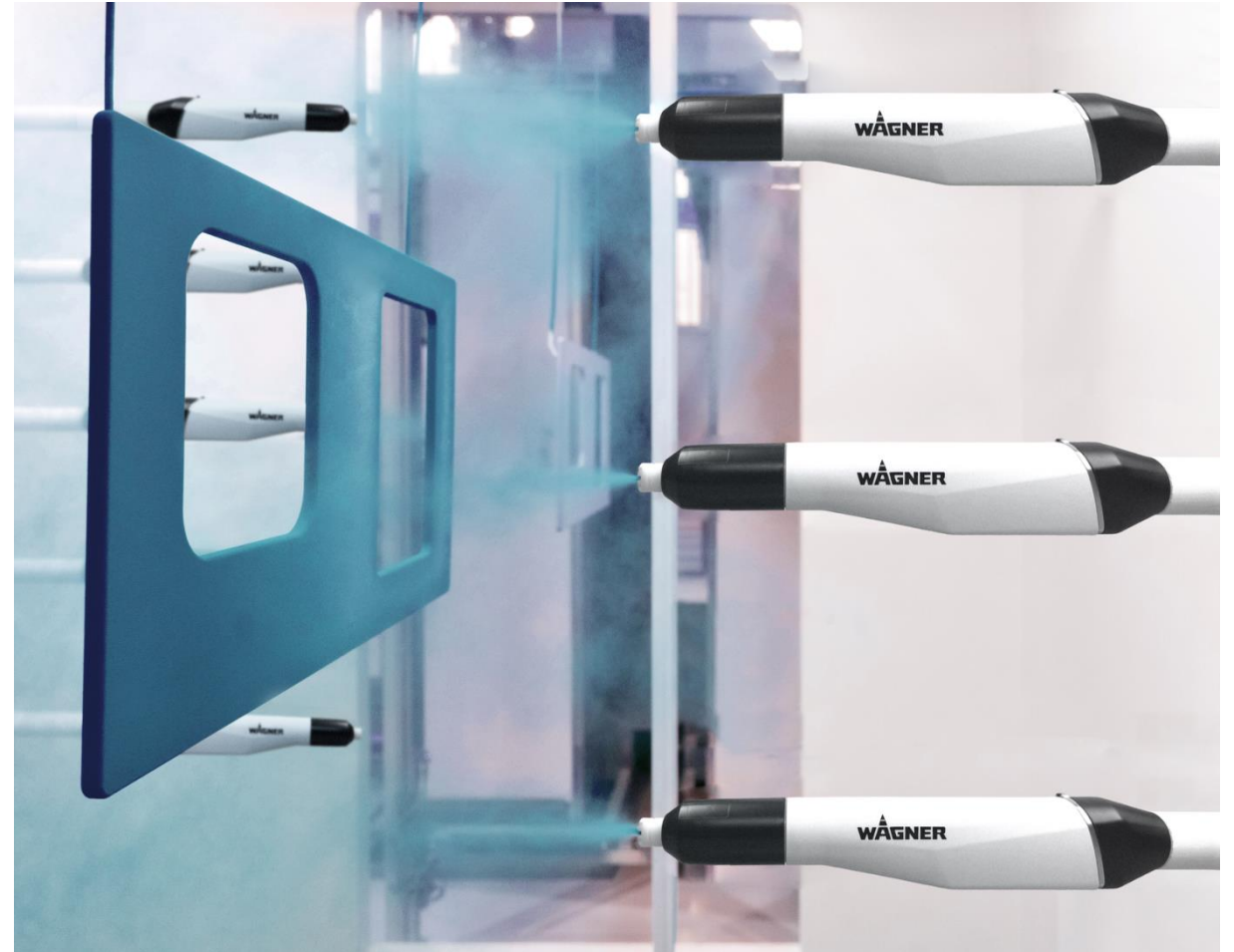


Automatic gun PEA-X1

- Retrofit notes

Industrial Solutions – Product management, March 2023



Installed systems can be upgraded

Feature

4

Easy retrofit ability

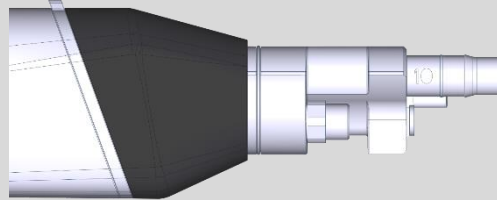
Benefit

Installed systems can be upgraded with new guns:

- PEA-X1 and PER-X1 are compatible with existing control units (EPG S2, Sprint X / XE, Sprint, SL5, DP5 and HVM-DP)
- Total lengths of XL guns remain same
- Guns will still be fitting to current supports on axes and VU/HU.
Counterweights of the VUs do not need to be modified, since the guns are almost the same weight.

Retrofit notes:

- New electronic cable required due to smaller connection on gun body (M12 vs. M16). New cables can be connected to old versions.
- In case of XL versions: longer powder hose and atomizing air hose might be required due to direct connection on gun body. The same applies to the grounding cable.



- Ground connection: a ground cable with 2.5mm² is intended at the gun. If a 4mm² grounding cable is required for XL guns, a properly prepared adapter cable can be used, which is then routed in the XL extension tube: SAP# 2450635



Recipe adjustments:

In order to achieve the best powder cloud, the total air as well as the atomizer air should be adjusted.

- Reduction of atomizer air: 0.1 instead of 0.2Nm³/h in case of flat spray nozzles
- Reduction of total air: usually approx. 0.5Nm³/h lower, thus increase of the powder quantity in % necessary
- If necessary, reduction of high voltage
- If necessary, change from 11mm to 10mm powder hoses due to lower total air

➔ **Mixed operation of PEA-C4 and PEA-X1 guns in one system is not recommended.**