

Application Success Stories

Husqvarna AB Chainsaws and Power Cutters

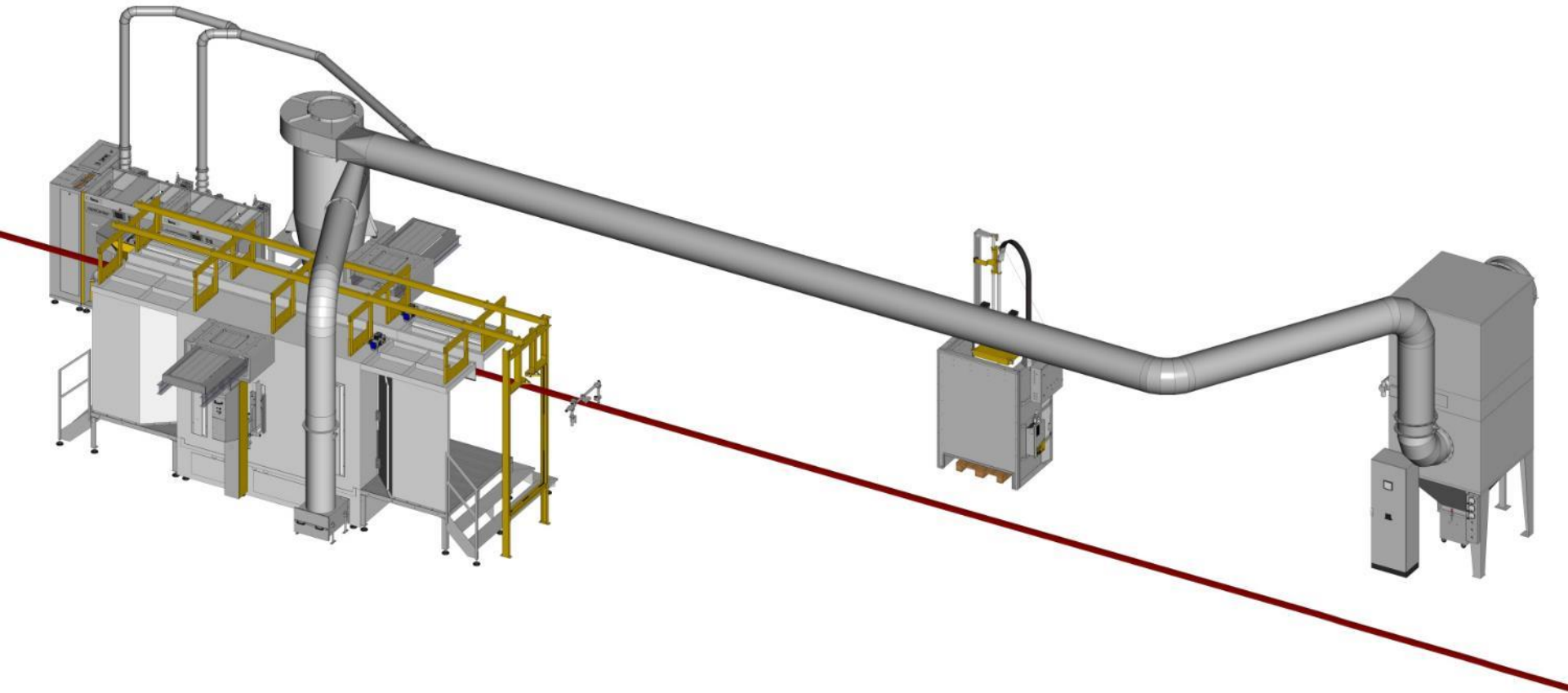


Automatization

Handling

Reliability

Application Success Stories



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Installation Key Data

Parts:

Covers for chainsaws and power cutters

Parts size:

H 500 mm

W 500 mm

L 500 mm

Conveyor speed:

V 2.5 m/min

Scope of delivery:

1 x OptiFlex AS06 / 5G

4 x OptiGun GA03P-1700 automatic gun

1 x OptiSelect®2 GM03 manual gun

2 x ZA07-13 reciprocator, hanging top side down

1 x Control system ICS04/CM-30 MagicControl

2 x OptiCenter OC03 with 5 x application pumps AP01 each

1 x MagicCompact EquiFlow booth system

1 x FPS 16-1 BIG BAG fresh powder system



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The long-established company Husqvarna is amongst other things famous for chainsaws and power cutters which are used all over the world. At the facility in Husqvarna, Sweden, up to 13'000 parts for these products are produced in 3 shifts per day.

Husqvarna started 2016 a project to increase the automatization of the production. Therefore, robots were installed which sort out die casted parts and automatically hang it to the conveyor. The main demands for the new powder coating line were quick color changes, the reduction of manpower and highest production



reliability. Tests at the Gema laboratory in Switzerland convinced the production manager and the experienced coater to go for the EquiFlow quick color change system with a double OptiCenter, equipped with application pumps AP01. As 80% of the production is coated in traditional "Husqvarna orange", this color is fed to the OptiCenter directly from a FPS16 BigBag fresh powder system.

Due to space constraints in the factory and to achieve save passage for employees GEMA came up with the solution to hang the reciprocators upside down for



optimized passage.

Husqvarna is very convinced, that the EquiFlow quick color change system is the optimal solution for their level of automatization. Only one person is working on the powder line today instead of up to three before. The production stability is excellent, which is very important in cooperation with the robot lines and the 3-shift operation. Husqvarna is also very happy with the special solution of the reciprocator placement and the smooth realisation and start-up of the new installation.

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