

Application Success Stories

TRILUX
Lichtelemente



TRILUX
SIMPLIFY YOUR LIGHT.

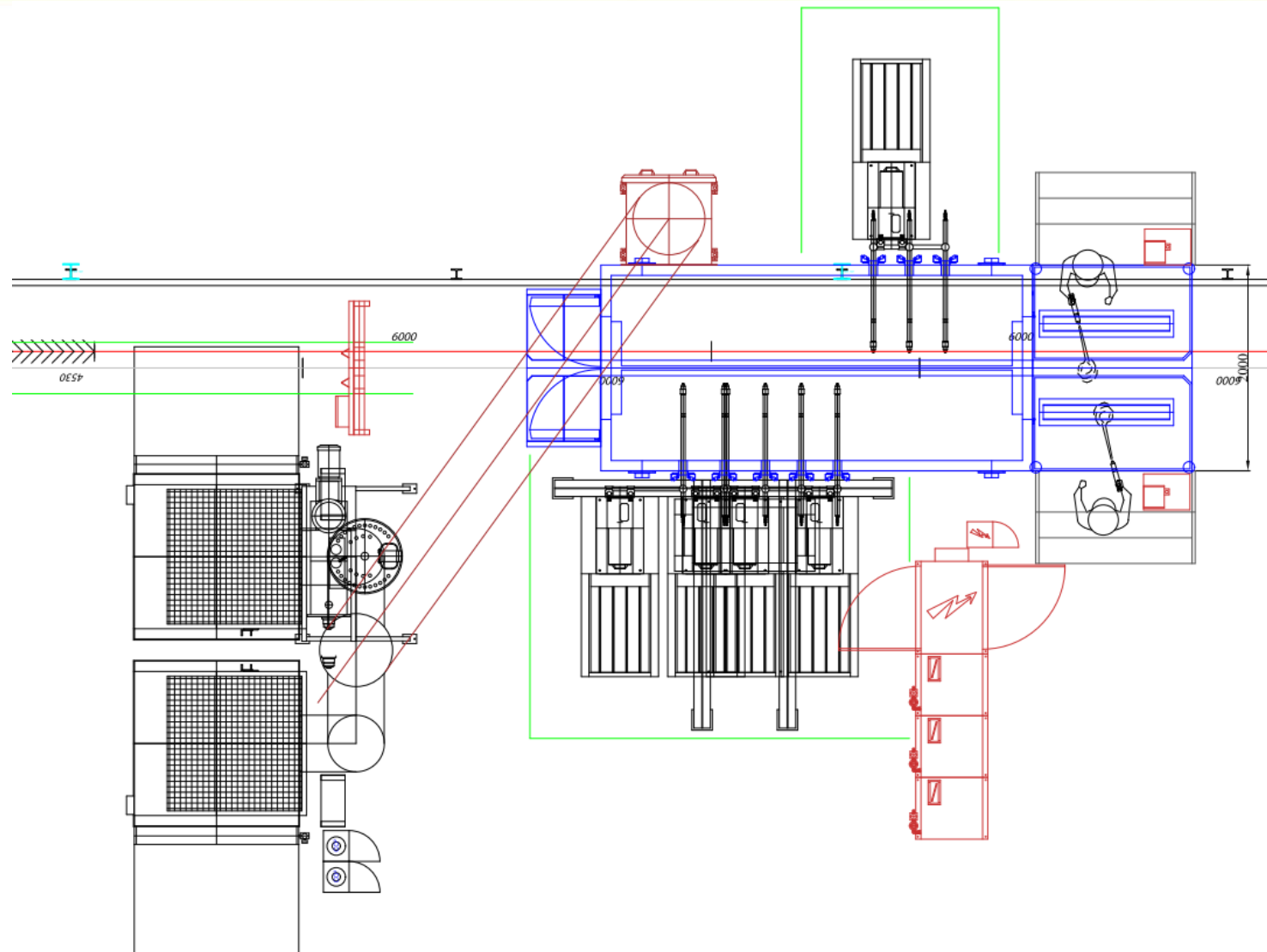


Cost saving

Optimization of
production

Reproducibility

Application Success Stories



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Installation Key Data

Parts:

lighting and attaching parts

Parts Size:

H 1'800 mm

W '500 mm

L 3'000 mm

Conveyor speed:

v 3,7 m/min

Scope of Delivery:

1 x MagicCompact EquiFlow single color system

1 x Optiflex A2-32P

30 x OptiGun GA02AX Automatic Gun

2 x OptiSelect GM02 Manual Gun

3 x ZA05-13 / 2 x ZA05-18 / 5x XT10-10

1 x MagicControl CM-30

1 x PTS – AZO 650

2 x FPS16-2 BIG-BAG



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The TRILUX corporate family developed efficient and optimal lighting solutions under the motto "Simplify Your Light" for every field of application. At the headquarters in Arnsberg, Germany, 1 million m² of metal surface are coated per year, approximately 65% in white color and 35% in 120 other shades.

To optimize the production, two separate coating systems were merged at the end of 2013. An existing MagicCylinder system, which is designed for single-color and multi-color operation, was relocated and used for the coating of colored parts. The one-color system



from 1993 has been replaced by a MagicCompact EquiFlow system with 32 guns. This system has 5 adjustable lifting axis, which allow the optimal placement of the gun for any part geometry.

Up to 12000 coating applications and part specifications are delivered via an interface directly to the cabin control. All calibration data for exact reproducibility of the coating results are therefore available and guarantee the required quality at TRILUX.

The entire production process is now focused to one overall system. Thus,



TRILUX has significantly reduced downtime for cleaning and conversion of parts and programs. The powder coating produces without major disruption and allows a shorter system running time at equal productivity. Thanks to these optimization measures, TRILUX has reduced the costs measurably and sustainably.

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