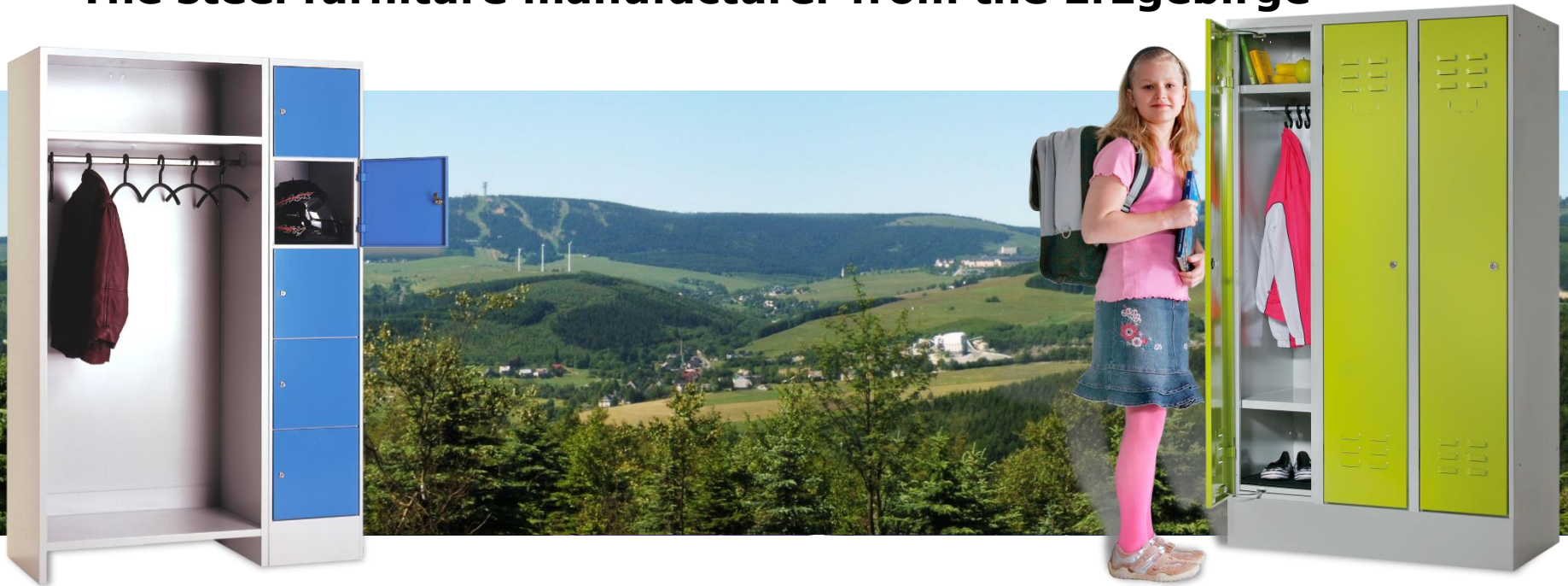


# Application Success Stories

## METAN

The steel furniture manufacturer from the Erzgebirge

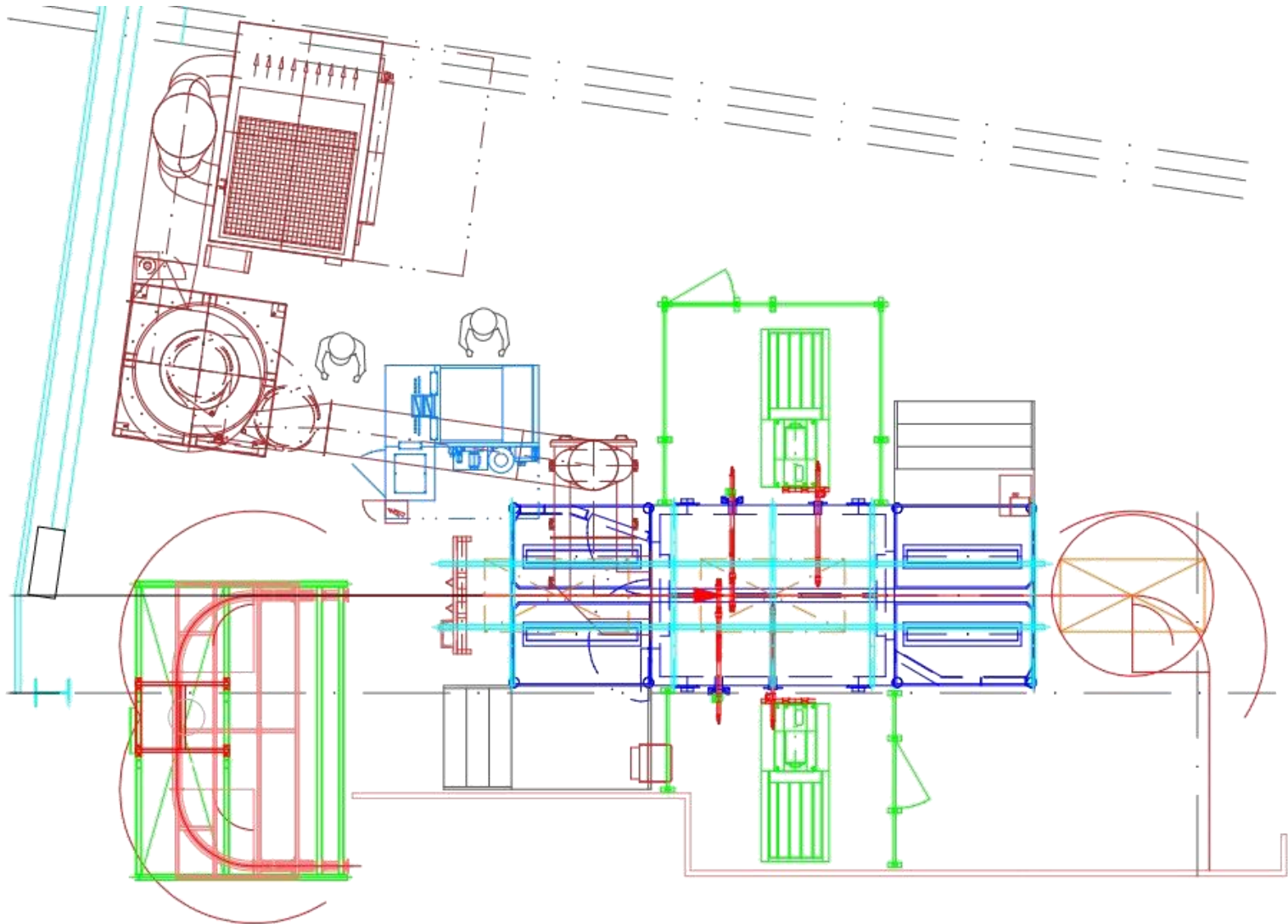


Capacity increase

High  
process safety

Financing through  
powder savings

# Application Success Stories



# Application Success Stories

## Installation Key Data

### Parts:

Steel furniture and metal parts

### Parts Size:

H = 1'950 mm

W = '800 mm

L = 1'600 mm

### Conveyor Speed:

V = 1,2 m/min

### Scope of Delivery

1 x MagicCompact EquiFlow

1 x Optiflex AS02-13P

11 x OptiGun GA02 Automatic Gun

2 x OptiSelect GM03 Manual Gun

1 x MagicControl CM-30

1 x OptiCenter OC02



# Application Success Stories



The family owned company METAN produces metal furniture in its production facilities in Tannenberg for more than 50 years. The production focus lies on lockers for company changing rooms. METAN's high-volume production and special designs are well known for their flexibility and cost-effectiveness. Until 2013, the coating was done with 3 manual booths. The increasing number of pieces and variety of colors were not economical to handle any longer. METAN decided to build a new production hall with a new coating line.

In March 2013 Gema was informed that in the autumn 2013 an automatic coating plant should be put into operation. The requirements were: sustainable capacity increase, quick and easy color change, ergonomic manual coating for parts with critical geometries and a short payback period. After a test in May 2013 at Gema-St. Gallen, it was clear that even the most difficult parts can be coated.

The installation started in November 2013 and after only three months of production, significant powder savings were



already achieved. The extremely short duct work of the EquiFlow system allows also a quick and clean color change even with most difficult powders . Sophisticated, expensive powder can be processed easily. The continuous coating quality, the high process reliability and the excellent powder usage efficiency guarantee a short pay back of the investment for METAN.