

Application Success Stories

Enamel Coating of Cooker Parts



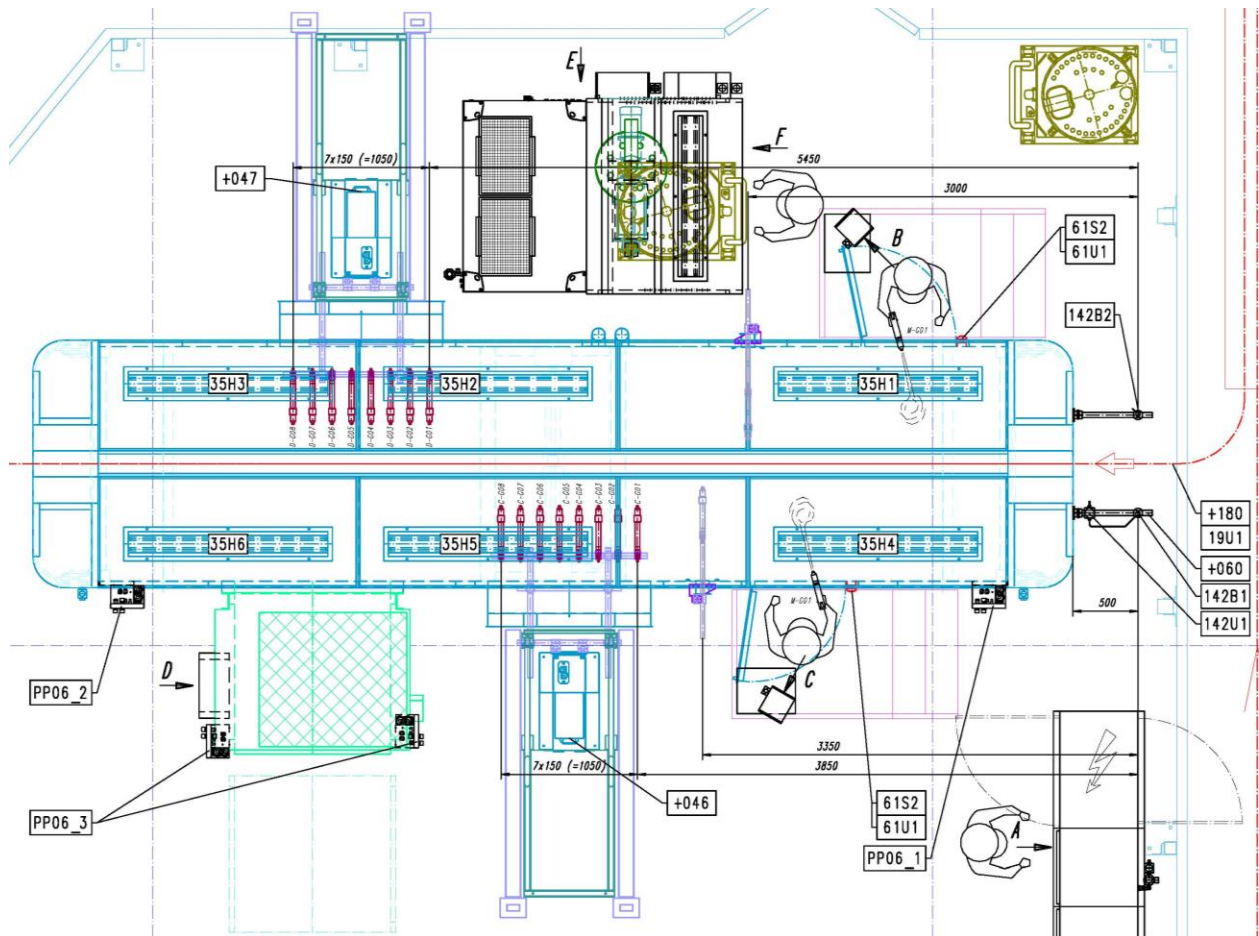
Improved Surface
Quality

Increased
Production

Automation

Application Success Stories

Layout



Application Success Stories

Installation Key Data

Parts:

Flat panels for cookers

Parts Sizes:

H=600 mm L= 600 W=20 mm

Scope of delivery:

1x OptiFlex AS04-22

20x OptiGun GA03-E1

2x OptiSelect PG3E

1x MagicControl CM30

2x Powder Hopper PH200

2x ZA07-13 + XT03-10

1x MRS Powder Coating Booth

1x AZO360 Sieving Machine

5x PP06-E Powder Pump



Application Success Stories



Company Profile:

GEFEST, a trademark of Brest gas equipment plant, is producing cookers. Started with just 49 employees, today's leading electric and gas stoves supplier has become a powerful holding company. JV JSC BRESTGAZOAPPARAT is one of the largest kitchen equipment manufacturers among former Soviet Union countries.

Company expectations:

Conveyor speed increase from 4.5 to 6.0
Elimination of touch up by fully automatic application
Color change possibility for 2 main colors
Reduced rework
Constant coating results in 3-shift operation by using preset programs

Key to Gema Success:

Based on the result of laboratory test, the optimal gun configuration was determined and the results confirmed on the new production line with 6.0m/min. Thanks to the CM30 PLC application programs can be stored and repeatable results are guaranteed. The use of 2 powder hoppers and 2 filter units allows a color change within 30 min.