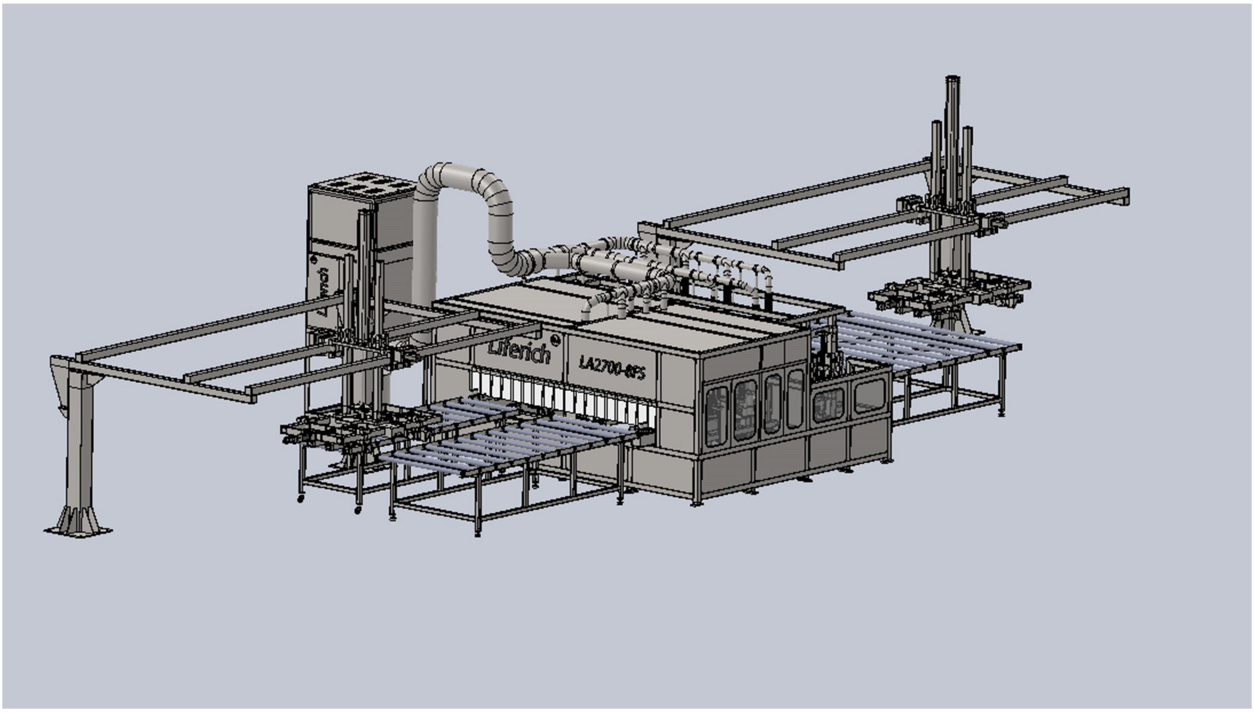
LA2700-8FS-B25-RT-P&P1350

Panel Formwork (Shuttering) Cleaning Machines

LA3300-8FS-B25-RT-P&P1350 is automatic Panel formwork cleaning machine. This machine removes concrete sticking on panel face, front and side faces. Machine is paired with a dust collector to extract dust produced during panel cleaning. Roller tables placed at machine ends aid in smooth panel feeding and panel removal by automatic panel Loader / Unloader.

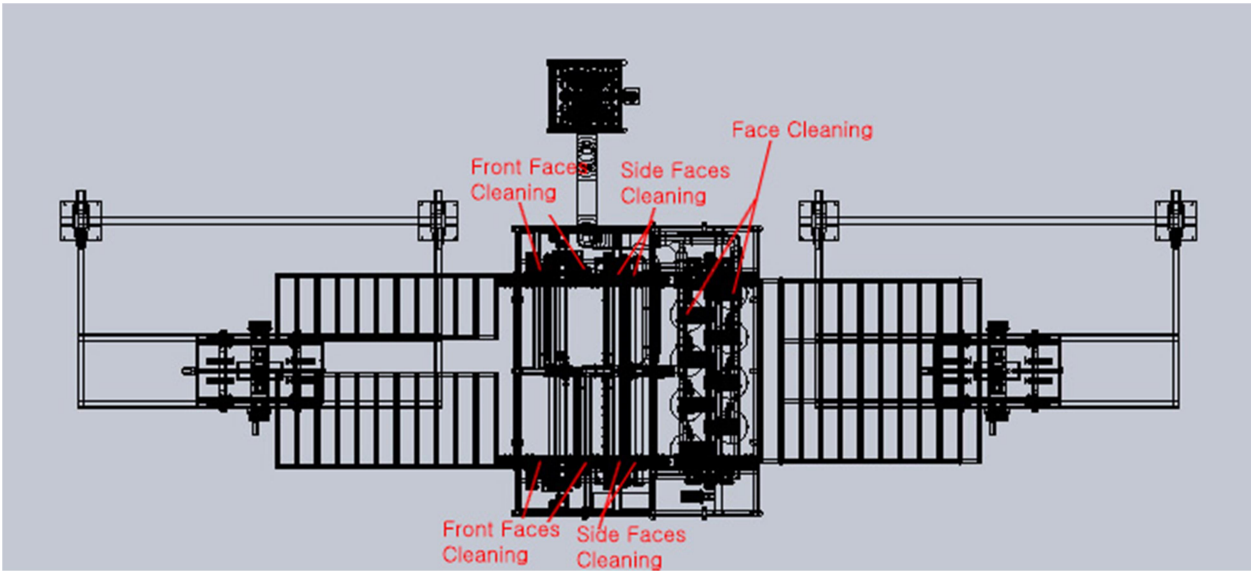
Panel Formwork size:

Panel width range : 300 to 2700 mm
Panel Height range : 60 to 160 mm
Panel Loader / Unloader width range : 300 to 1350 mm



Machine Features

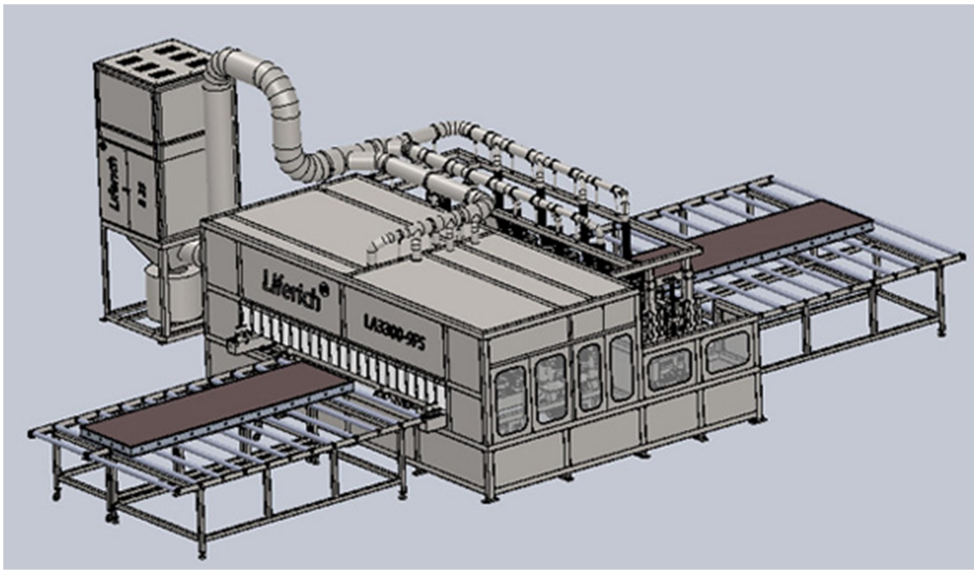
- Panel face cleaning with eight Disc brushes
- Each brush diameter 17”
- Each brush mounted on independent, geared suspension for optimum panel interface and power packed action
- Brush pressure on Panel is adjustable
- Automatic height adjustment for panel face cleaning Disc brushes
- Panel side faces cleaning with roller brushes
- Panel front faces cleaning with two set of movable roller brushes
- Automatic roller conveyor adjustment for varying panel width



- **Lengthwise / Widthwise** panel feeding

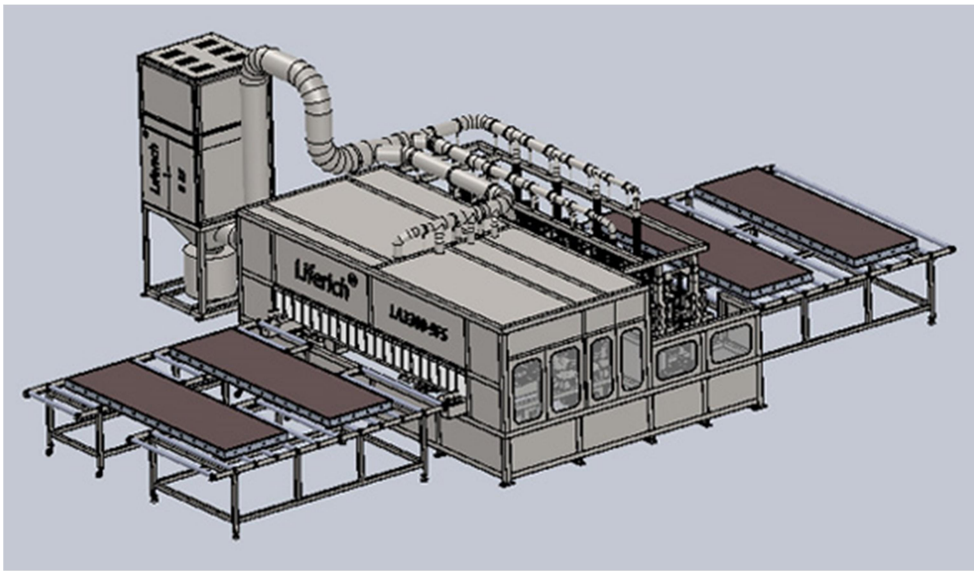
Panel Feeding Options & Productivity

Lengthwise Panel Feeding :



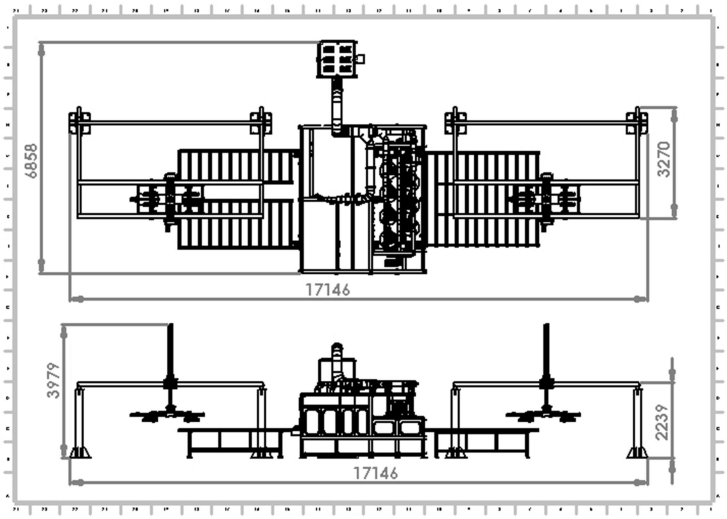
Output: 90 Square meter per hour

Widthwise Panel Feeding :



Output: 180 Square meter per hour

- Paired with dust collector **B25**
- Roller tables for smooth panel feeding and removal **RT2700**, **RT1350**, **RT900**
- Automatic Panel Loader / Unloader **P&P1350**
- Output : 180 square meter / hour for widthwise panel feeding
- Output : 90 square meter / hour for lengthwise panel feeding
- Electrical connection : 51.7 Kw.
- Machine weight : 10093 Kg
- Machine size (L x W x H) in mm : 17146 X 6858 X 3979



Panel Cleaning

- Panel cleaning starts with machine setting
- First vertically mounted brushes height is set as per panel height
- Next Roller conveyor is set as per panel width
- Brushes and conveyor setting done, machine is ready for cleaning operation
- Panel is fed onto roller conveyor which stops at designated place for front faces cleaning
- After front faces cleaning panel moves on for side faces cleaning and finally under the vertically mounted disc brushes for face cleaning
- Dust is extracted out by the Dust collector
- Clean panel travels to machine exit

Machine Advantages

- High quality panel cleaning
- High productivity
- Low operational cost
- Huge labour cost saving
- Dust free clean environment
- Dry cleaning operation means no soil or underground water contamination
- Nonstop machine operation
- Minimum maintenance required
- Machine is designed to achieve low noise level