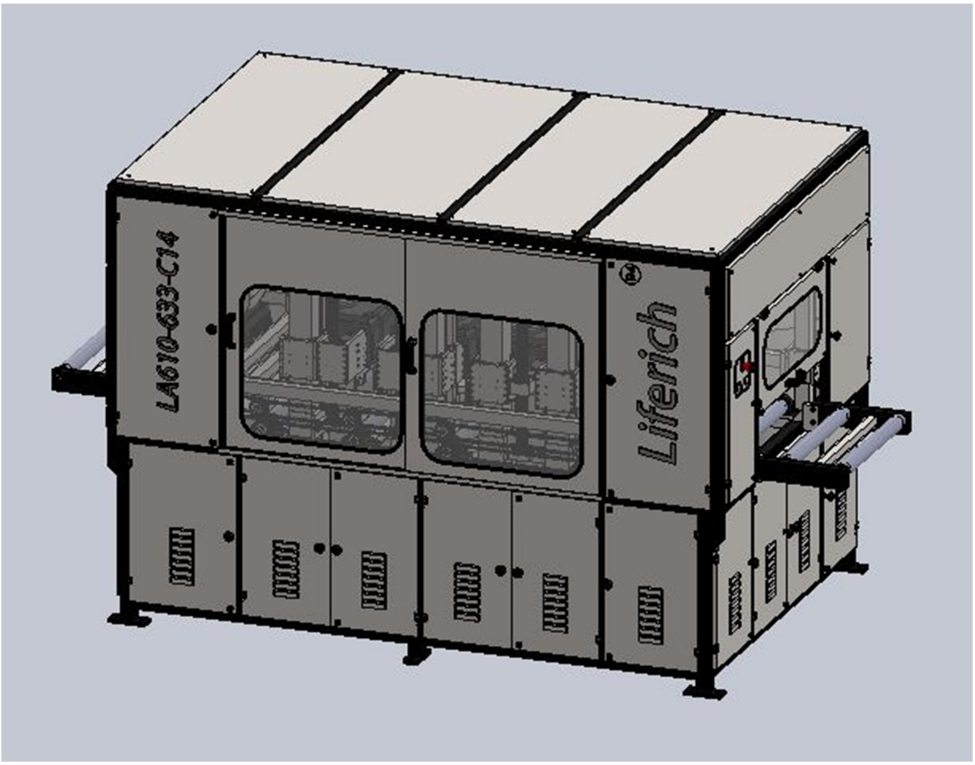
LA610-633-C14

Panel Formwork (Shuttering) Cleaning Machines

LA610-633-C14 is automatic steel faced Panel Formwok (Shuttering) cleaning machine with a integrated Dust Collector. This machine removes concrete sticking on panel face. Dust produced during cleaning is extracted by Dust Collector.

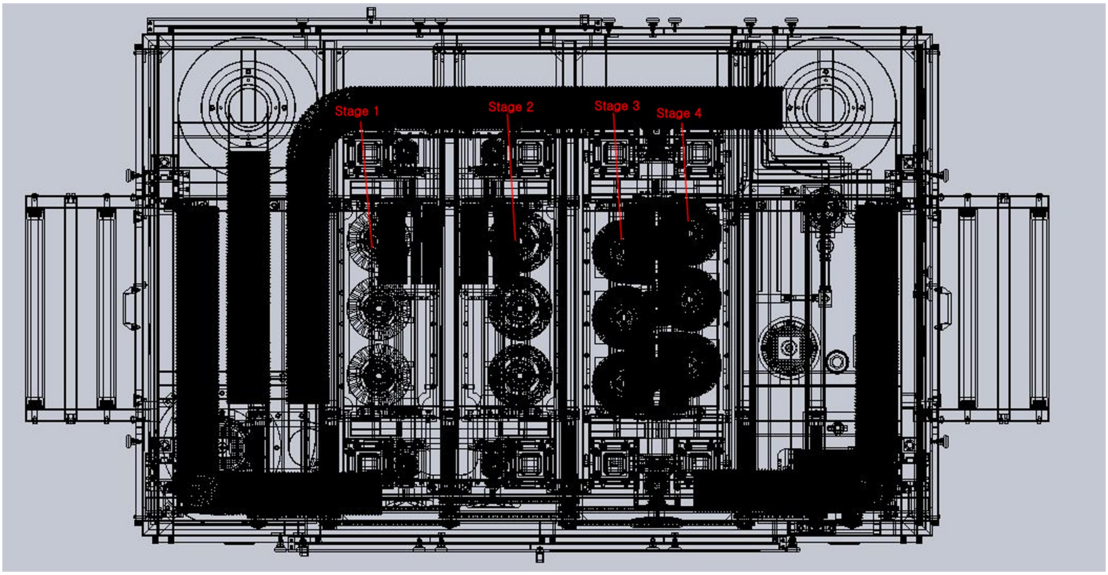
Formwork (Shuttering) Panel size:

Panel width range : 200 to 610 mm
Panel Height range : 40 to 120 mm

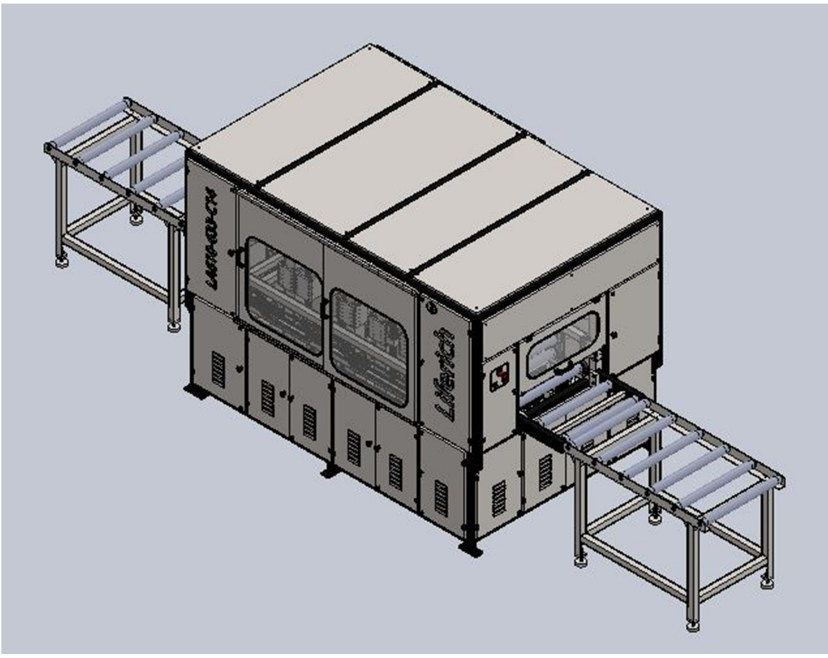


Machine Features

- Four stage panel face cleaning
- One stage of three scraper, one stage of three scarifier and two stages of six twist knot steel wire cup type brushes, three in each stage
- Each scraper, scarifier and brush diameter 8”
- Each scraper, scarifier and brush mounted on independent, geared suspension for optimum panel interface and power packed action
- Scraper, scarifier and brush pressure on panel is adjustable
- Individual as well as in group height adjustment for scrapers, scarifiers and brushes
- Roller conveyor adjustment for varying panel height and width



- **Lengthwise** panel feeding
- Automatic lubrication and conditioning
- Integrated Dust Collector **C14**
- Extended roller conveyor at machine ends for smooth panel feeding and removal after cleaning
- Optional Roller table **RT610**



- Output : 90 square meter / hour
- Electrical connection : 13.4 Kw.
- Machine weight : 2923 Kg
- Machine size (L x W x H) in mm : 3230 X 1699 X 1805

Panel Cleaning

- Panel cleaning starts with machine setting
- First vertically mounted scrapers, scarifiers and brushes height is set as per panel height
- Next Roller conveyor is set as per panel width and panel height
- Scrapers, scarifiers, brushes and conveyor setting done, machine is ready for cleaning operation
- Panel is fed into Roller conveyor which carries it in automatic mode under the vertically mounted scrapers, scarifiers and brushes
- When panel face comes in contact with rotating scrapers, scarifiers and brushes all cement deposit is removed and taken out by the Dust Collector. Dust is collected in removable container and clean air is released back into workshop.
- 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, just routine oil filter and oil change
- Machine is designed to achieve low noise level