

LATTUADA SOLUTIONS FOR AUTOMATING ACTIVITIES AND INCREASING PRODUCTION FLEXIBILITY

#1 A-WR System

The exclusive A-WR System introduces a completely automatic wheels setting management, which includes:

1. Automatic pre-setting "ZERO" procedure of diamond and resin wheels, without glass in less than one minute
2. Automatic recover of the polishing wheels' wear
3. Automatic positioning for the wheel's replacement
4. Jog increase/decrease of the spindle position (accuracy 0.01 mm)
5. Automatic positioning on setpoint
6. Automatic backlash recovery
7. Automatic spindle cleaning procedure
8. Wheels wear warning
9. Spindle's problems warning
10. Manual unlocking for any situation
11. Motorized adjustable inlet conveyor
12. Digital ammeters and automatic alert system for the polishing wheels wear
13. Automatic detecting and compensating procedure of the inlet conveyor belt wear

Advantages of the Lattuada A-WR system:

- Wheels setting in less than 1 minute, instead of an average 20/30 minutes manual setting.
- Homogeneous wheels setting regardless of the work shift and the operator on the machine.
- Extremely simple to use, no sample glass needed.
- Homogeneous wheels wear and consistent processing quality.
- Increased spindles cleaning thanks to the automatic cleaning function.
- Reduced exit conveyor belt wear or damaging due to an incorrect wheels "zero" setting.
- Early warning on potential maintenance issues.
- More quality, more productivity, less maintenance, less errors... more marginality.

#2 i-AL

Full automation of glass processing

i-AL is a comprehensive pack of mechanical, electronic and software systems especially designed to deliver the maximum possible automation in glass processing and a full integration with your entire production system.

i-AL pack includes:

1. Digital ammeters displayed on the touch-screen panel
2. Motorized glass removal setting with portable push-button panel
3. Automatic management of wheels pressure, glass removal and speed according to the thickness
4. Proportional valves for pressure regulation of the polishing spindles
5. Glass length measurement
6. Remote assistance

The main advantages of i-AL are:

- Reduced machine set-up time
- Constant quality and productivity throughout the shift or day, regardless of different operator's skills.
- Early warning on potential maintenance stops.
- Remote management
- More quality, more productivity, less maintenance, less errors... more marginality.