# TRA RX-635

## INLINE SMT REFLOW OVEN

6 upper + 6 lower heating zones

**CONTROLLED HEAT. CONTINUOUS PRODUCTION.**




**12 ZONES**
6 upper + 6 lower

**2060 mm**
Heating length

**350 mm**
Maximum PCB width

## Flexible transport. Practical control.

Mesh-belt and rail conveying, touchscreen PID control and adjustable transport speed bring the reflow process together in an inline SMT platform.

# Technical Specifications

**TRA RX-635** | 6 upper + 6 lower heating zones

| PROCESS & CONVEYING | |
|---|---|
| Heating zones | 12 total (6 upper + 6 lower) |
| Heating arrangement | Upper hot air + lower heating |
| Air supply | Variable frequency |
| Cooling sections | 3 |
| Heating length | 2060 mm |
| Transport systems | Mesh belt and rail conveyor |
| Mesh belt width | 450 mm |
| Maximum PCB width | 350 mm |
| Conveyor speed | 160-1350 mm/min |
| Mesh / rail working height | 880 / 900 mm (each ±20 mm) |
| Chain lubrication | Timed automatic oil dripping |

| CONTROL, UTILITIES & DIMENSIONS | |
|---|---|
| Temperature control | Touchscreen; closed-loop PID |
| Electrical supply (manual) | AC 380 V ±10%, 50 Hz, 3-phase |
| Starting / operating power | 22 kW / 4.5 kW |
| Dimensions (L x W x H) | 3380 x 820 x 1360 mm |
| Net weight | 560 kg |

Configuration note: maximum temperature, rail adjustment range, warm-up time and alternative supply voltages vary between published documents. Confirm these items for the quoted machine. Operating power depends on process conditions.

# Designed Around the Reflow Process



### 01 Front overview

Twelve heating zones in a continuous inline soldering platform.



### 02 Angled overview

Full machine layout with the operator console at the right-hand end.



### 03 Operator console

Touchscreen interface for temperature and process settings.



### 04 Oil lubrication

Automatic drip cups support scheduled conveyor-chain lubrication.

# An Integrated Reflow Workstation



### Upper and lower heating

6 upper and 6 lower zones support the required thermal stages.

### Touchscreen PID control

Adjust process parameters and recall settings for recurring assemblies.

### Flexible board handling

Mesh and rail transport accommodate different board-support needs.

**www.grandilco.com**