FIFO Buffer 20/40/80

First in, first out

JOT Automation FIFO Buffer is designed for balancing material flow in production line.

Flexibility between automatic and manual work phases.

Production line efficiency - Increased production throughput.

Fast operation - Short cycle time.

**KEY FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increases production line throughput by balancing material flow</td>
<td>Flexibility between automatic and manual work phases</td>
</tr>
<tr>
<td>Selectable FIFO and LIFO operation</td>
<td>Cycle time less than 10 seconds</td>
</tr>
<tr>
<td>Small footprint</td>
<td>Configurable cooling time</td>
</tr>
</tbody>
</table>
**TECHNICAL CHARACTERISTICS**

- **Fixed edge**: 215 mm (8.5") from front
- **Conveyor belts**: Flat, 3 mm (0.12") carrying edge
- **Heat resistance of conveyor belts**: 80°C
- **Track height**: 950 mm (37.4")
- **Track width W, adjustable**
- **Track speed**: 12 m/min (40 fpm)
- **Cycle time**: < 10 s
- **Shelves**:
  - 20 pcs (1 PCB/shelf), standard
  - 40 pcs (1 PCB/shelf)
  - 40 pcs (2 PCB/shelf)
- **Weight**: 280 kg (750 lb)

**OPTIONS**

- **Track width adjustment method**: Line width adjustment, line master/slave
- **Track speed**: 18 m/min (60 fpm)
- **Almost full alarm with signal to previous conveyor**
- **Cooling fans for PCB cooling**
- **Cooling time selection holding PCBs on buffer preset time**

**DIMENSIONS**

- **W max**: 470
- **W1**: 900 (35.4")
- **L**: 500 mm (19.7")

**CAPACITY**

- Maximum total PCB load: 21 kg (46 lb)
- 20 boards: 29 mm (1.14") minimum pitch (programmable)
- 40 boards: 14 mm (0.55") minimum pitch (programmable)
- 80 boards: 14 mm (0.55") minimum pitch (programmable)

**STANDARD FEATURES**

- 20/40 conveyorized shelves:
  - 1 PCB/shelf
  - 2 PCB/shelf in FIFO 80
- True first-in-first-out operating sequence
- Touch screen operator panel
- Track width adjustment method: Motorized
- Transport direction: From left to right
- SMEMA electrical interface
- ESD-safe design
- CE-safety compliant

**INSTALLATION REQUIREMENTS**

- **Power supply**:
  - 230 VAC / 50 Hz / 3 A or
  - 115 VAC / 60 Hz / 6 A
- **Pressurized air connection**: 0.6 MPa, max 1 l/min (87 psig, max 0.7 cfm)

**CONTACT US**

Please, find all the contact details from our website www.jotautomation.com or send an inquiry to info@jotautomation.com

**PRODUCT SPECIFICATIONS**

- **JOT Board Specification 470 with the following exceptions**
  - max PCB length for FIFO 80: 200 mm
  - component height is dependent on selected pitch
- **Restrictions**: free height above highest board 25 mm (1.0")