

# 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

Increases production line throughput by balancing material flow	Flexibility between automatic and manual work phases
Selectable FIFO and LIFO operation	Cycle time less than 10 seconds
Small footprint	Configurable cooling time

## MACHINE IDENTIFICATION

Machine name and code:  
FIFO Buffer 20/40 BUF-352

## 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 psi, max 0.7 cfm)

## CONTACT US

Please, find all the contact details from our website [www.jotaautomation.com](http://www.jotaautomation.com) or send an inquiry to [info@jotaautomation.com](mailto:info@jotaautomation.com)

## 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

## 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)

## 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")

## CAPACITY

Maximum total PCB load: 21 kg (46 lb)

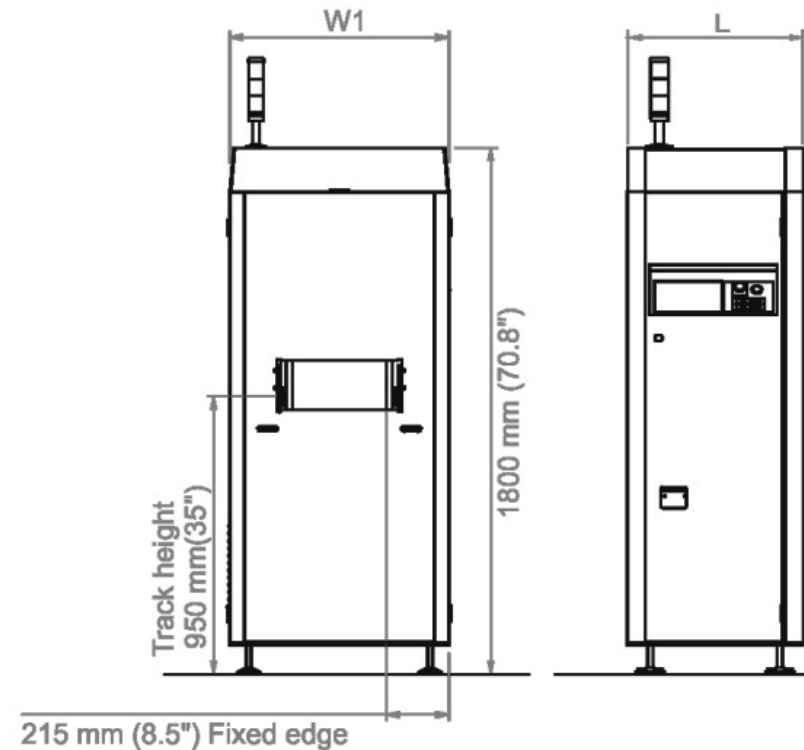
20 boards: 29 mm (1.14") minimum pitch (programmable)

40 boards: 14 mm (0.55") minimum pitch (programmable)

80 boards: 14 mm (0.55") minimum pitch (programmable)

## DIMENSIONS

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



# JOT

automation