

JTF3 PLUS

JEDEC Tray Feeder

RANDOM ACCESS TO MULTIPLE PART NUMBERS IN JEDEC TRAY

The QUASYS JTF3 PLUS is the flexible feeding solution for JEDEC Trays. Any slot in the magazine is accessible using serial communication mode.

- ✦ Dramatically increase throughput by automatically delivering trays non-stop
- ✦ Well suited to handle multiple components
- ✦ Tray exchange from 3.5 to 15 seconds
- ✦ Low cost of ownership
- ✦ Compact Footprint
- ✦ Microprocessor controlled
- ✦ CE approved



Easily Integrates With:

SMT Assembly Equipment
Singulation Equipment
Device Programmers
Test Handlers
Die Bonders
Inspection Equipment
Custom Automation

KEY FEATURES:

- ✦ Highest feeding stability
- ✦ Closed loop control elevator/conveyor drive using
- ✦ Encoded Maxon motor
- ✦ Added interfaces RS485, Ethernet UDP and TCP/IP, USB Virtual COM
- ✦ Upgrade kits available for existing Feeders
- ✦ Applicable to all Quasys Feeders
- ✦ No potentiometers
- ✦ Reverse compatible
- ✦ Footprint remains
- ✦ Swiss Made

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TECHNICAL SPECIFICATION

Capacity

18 thin or 14 thick JEDEC trays, in Magazines
Custom Magazines possible
(standards 95-1 & IEC 60286-5)

Load

Max stack weight of 14kg (30lbs)
Max tray weight of 600g (1.3lbs)

Tray Cycle Time

Ca. 3.5 to 15 sec, depending on applications

Position Accuracy

Edge of tray repeatable to 0.05 mm

Flexibility

Microprocessor controlled, adjustable conveyor
speed, standard and custom conveyor lengths

Electrical

24 VDC \pm 10 %, 2 amps (peak), 1.0 [A] continuous

Communication Signals

RS232, RS485, Ethernet UDP and TCP/IP, Vcom

Compressed Air

5–6 Bar (72-87 psi)

Feeder Weight

25 kg (55 lbs)

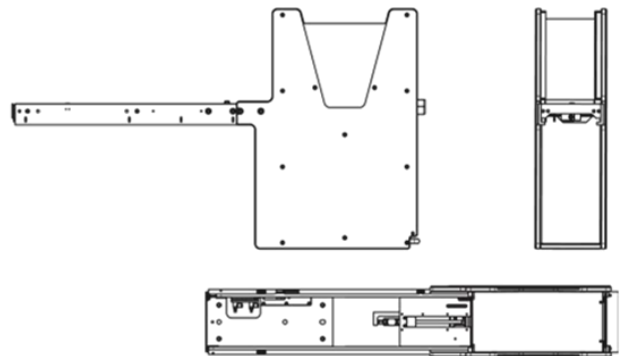
Environment

10–35°C / 10–90 % R.H.

Standards Compliance

SEMI S2 & S8, NFPA 70 & 79, CE

Feeder Width: 176 mm
Feeder Height: 588 mm
Feeder Length: 1015 mm



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