WPS4 PLUS

4" Waffle Pack Feeder

LOAD OR UNLOAD STACKS FULL OF PRODUCT WITHOUT INTERRUPTING PRODUCTION.

This **QUASYS PRODUCT** is an automation solution for feeding 4" Waffle Packs. Load and unload stacks of up to 35 waffle packs without interrupting the assembly equipment.

- Dramatically increase throughput by automatically delivering trays non-stop
- Tray exchange in less than 5 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

35 x 4" Waffle Packs

Load

Max stack weight of 9kg (20lbs)
Max tray weight of 600g (1.3lbs)

Tray Cycle Time

Ca. 5 to 7 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 ± 10 %
2 amps (peak), 1.0 [A] continuous

Communication Signals

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

Compressed Air

4.1-5.5 Bar (60-80 psi)
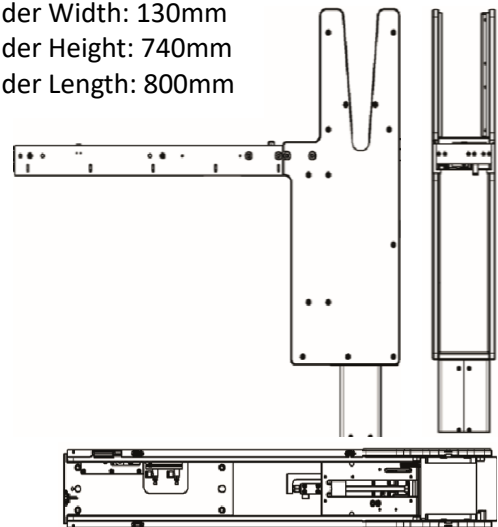
Feeder Weight

17 kg (38 Ibs)

Environment

10–35°C / 10–90 % R.H.

Standards Compliance

SEMI S2 & S8, NFPA 70 & 79, CE

Feeder Width: 130mm
Feeder Height: 740mm
Feeder Length: 800mm