PUTON®

Automated Taping Machine
BR-400

Introduction

Combined with Allfeeder, the bulk feeding system, AOI and taping machine, the BR-400 provides a one-stop taping machine for bulk-in and tape-out.

Features

• High elasticity pick system is suitable for all kinds of parts
• The soft nozzle does not hurt the material
• SCARA arm provide stable at high speed throughput.
• Compact machine frame design.
• With casters and foot pad design, it can be moved and fixed easily.
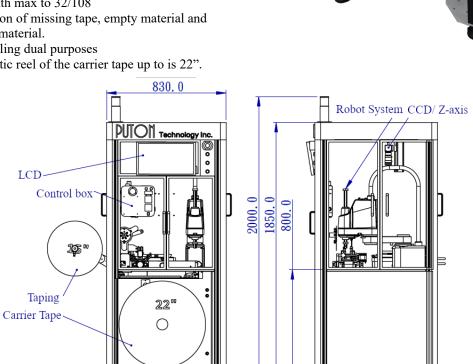• The PC-base easy-to-use UI is clear and obvious for the users.

Universal high-speed AOI
• Easy to set up and change production line.
• Versatile to respond to a wide range of products

FPF-22S AllFeeder
• Suitable for all kinds of materials
• Software adjusted frequency and amplitude
• Quick and easy line change
• With backlight function

ATR-32/108 Automatic taping machine
• Supports tape width max to 32/108
• Automatic detection of missing tape, empty material and abnormal floating material.
• PSA and heat sealing dual purposes
• Supports the plastic reel of the carrier tape up to is 22".

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Specifications

Model		BR-400
Main unit	Robot	4-axis SCARA
	Speed	2~3s / 1 time
	Repeatability	±0.02mm
	Pick & place	Vacuum generator, metal nozzle, soft cup
	Weight	15g (MAX)
	Security	Anti-static transparent acrylic safety door, three-color warning light, emergency stop switch
	Dimension	850W × 850D × 2,000H mm (Not included the taping machine)
	Power	AC 200~245 Single-phase three-wire
	Frequency	50/60Hz
	Air Input	0.6Pa (6.0Kg/cm^2)
Control system	OS	Windows 10
	Display	17"TFT LCD
	Input	Keyboard/mouse
AOI	Resolution	□ 2 million pixels for 10-30mm components □ 5 million pixels for 5~30mm components
	Lens	□ Large FOV, 200*250 mm □ Small FOV, 70*80 mm
Input	AllFeeder	FPF-22S
	Hopper	OTF-190
	light source	Backlight
Output	Taping Machine	□ ATR-32, PSA & heat seal, tapes under 32m widths □ ATR-108,PSA & heat seal, tapes under 108m widths
	Feeding Machine	Up to 22 inches
Option	Input / output	□ Tube in □ JEDEC Tray in/out □ Tube out □ Conveyor
	Others	□ Ink marker □ Character or image AOI □ Barcode reader