



Flexmaster Pro

90-500

Data-sheet



FLEXIBLE AUTOMATIC FEEDING SYSTEM

Flexmaster Pro offers optimal feeding handling for parts transport and separation.

Flexmaster Pro is a flexible and automated feeding solution for handling bulk materials and small parts. The system serves as an optimal link between robot and camera. Compared to classic solutions, the Flexmaster Pro offers simple and intelligent software control for fast operation. The bulk material is provided in the correct shape and position for further use. Also suitable for frequently changing bulk material.

Specifications (Pro 500)

Dimension (L*W*H)	598*345*211(mm)
Plate inner size	448*341(mm)
Weight	27kg
Work voltage	DC24V/10A
Noise level	< 65dB
Max weight of flipable workpiece	≤ 50g
Max. load	1,5kg
Plate sidewall height	66mm (adaptable)
Vibration frequency	consistent
Cycle time single action	200-500ms
Movement model	Vertical, Collect
Back light	Adjustable white backlight
Communication	Ethernet TCP/IP, Modbus RTU

Advantages

Flexible Produktion	Easy parts change
Precise positioning	Correct form and position
Low noise	Integrated noise protection
Intelligent software	Simple and intuitive
No jamming	Pinch protection by retrofitting

Other sizes

Flexmaster Pro 90	Size plate: 111*71 (Millimeter)
Flexmaster Pro 120	Size plate: 120*89 (Millimeter)
Flexmaster Pro 150	Size plate: 160*118 (Millimeter)
Flexmaster Pro 200	Size plate: 208*156 (Millimeter)
Flexmaster Pro 300	Size plate: 280*210 (Millimeter)
Flexmaster Pro 400	Size plate: 336*265 (Millimeter)



Feeding systems

JE-1L/2L/3L	Filling volume: 1L/2L/3L
JE-5L	Filling volume: 5L
JE-10L/15L	Filling volume: 10L/15L

Optional

Additional interfaces	please contact*
Vibration plate	Flat, grooved, by component
Training	Package 1 & Package 2*

* further information on request

Delivery

Feeder	Flexmaster Pro (90, - 500)
Vibration plate	Plate (90,- 500)
Bunker	JE-Series (1L-15L)
Control box & software	Control Box & Software JE-300/XT
Connection cable	2m cable



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