



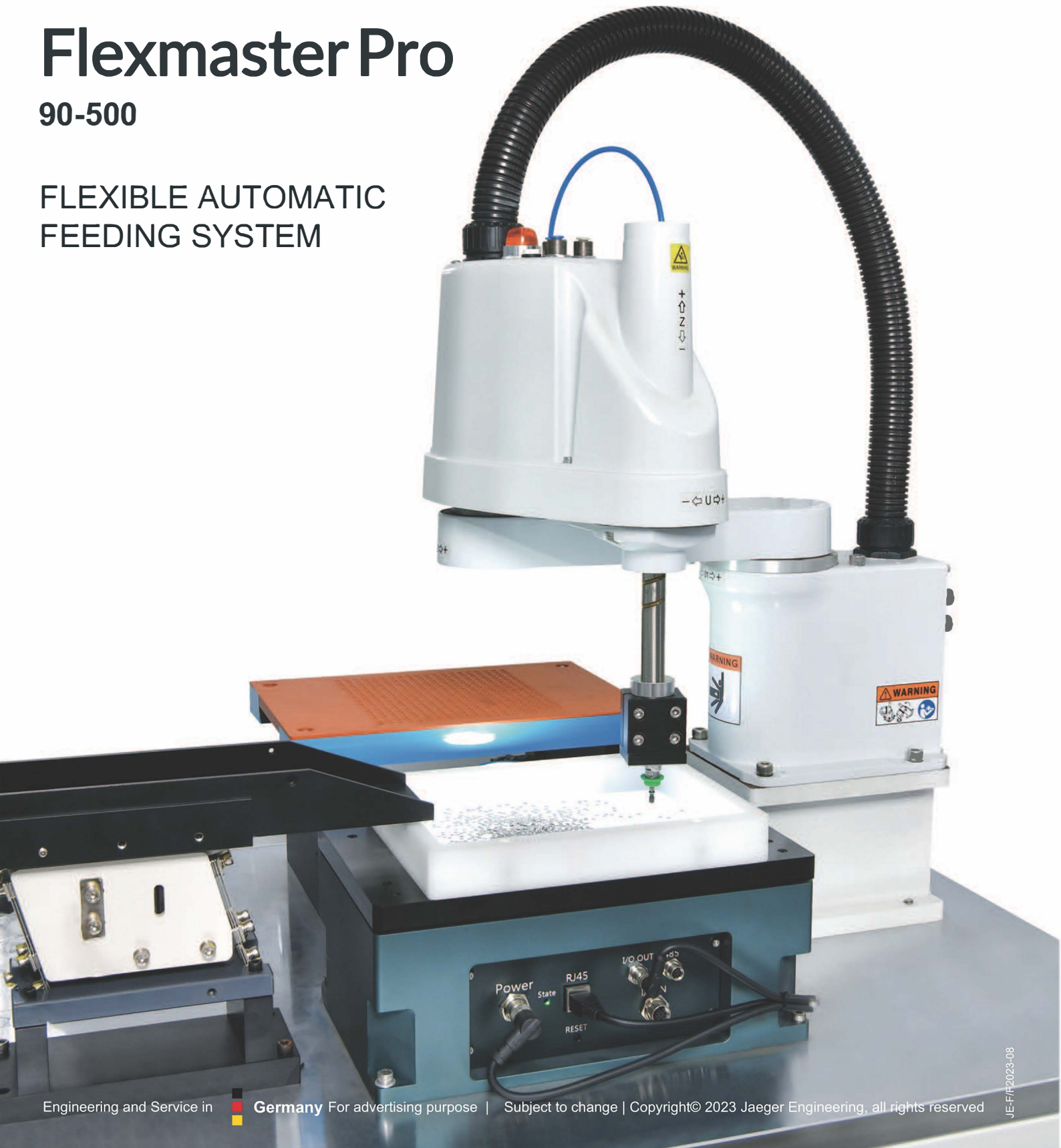
JAEGER ENGINEERING
INNOVATIVE MASCHINENKONZEP



Flexmaster Pro

90-500

FLEXIBLE AUTOMATIC
FEEDING SYSTEM





Flexible feeding with special precision parts



Automatic feeding specially shaped parts



Automatic feeding with special springs



Flexible feeding of phone parts

Company Profile

The wheels in automation must mesh with each other in a highly sensitive manner in order to produce the best production results. With a great deal of attention to effectiveness, cost-benefit and durability, Jaeger Engineering develops customised automation solutions for industrial production.

Jaeger Engineering is a German high-tech company founded in 2009. Looking for new solutions and innovation Jaeger Engineering is a leader in the field of machine tools, automation and robotic. With the innovative Flexmaster Series, Jaeger offers new solutions for a changing working place.

Product Advantages

Modular design

Aluminium housing, two integrated motors, backlight, direct vibration control

Standard product

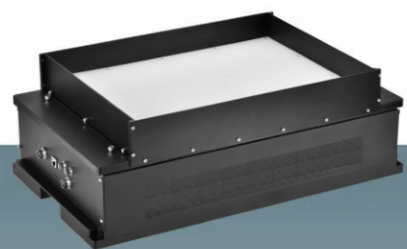
Standardised vibration plates and motor sizes - modular system for production

User-friendly

Installation & setting within 15min

High reliability & Safety standard

DC24VAN. BUR, EMV, LJ65502



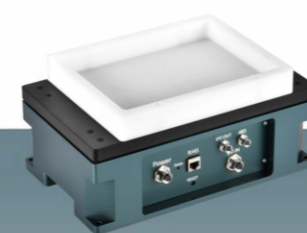
JE-500



JE-400



JE-300



JE-J200



JE-150



JE-120



JE-90

JE-90



Flexible Feeder



Specifications

JE-90

Dimension (L*W*H)	321 *98*206(mm)
Plate inner size	71*111(mm)
Plate sidewall height	13mm 9mm (adaptable)
Weight	16kg
Werk voltage	DC24V/8A
Vibration frequency	consistent
Noise level	≤65db
Max. load	0.5kg
Max weight of flipable workpiece	≤10g
Cycle time of single action	100-250ms
Movement model	Vertical, Collect, Direction
Back light	Adjustable white backlight
Control driver board	Input Output NPN, EMC, built-in driver, circuit isolation,
Communication & interface	TCP/IP IO

Specifications

JE-120

Dimension {L*W*H}	345*111*208 (mm)
Plate inner size	89*120 (mm)
Plate sidewall height	13mm 9mm (adaptable)
Weight	14kg
Werk voltage	DC24V/8A
Vibration frequency	consistent
Noise level	≤65db
Max. load	0.5kg
Max weight of flipable workpiece	≤10g
Cycle time of single action	100-250ms
Movement model	Vertical, Collect, Direction
Back light	Adjustable white backlight
Control driver board	Input Output NPN, EMC, built-in driver, circuit isolation,
Communication & interface	TCP/IP IO

JE-120



Flexible Feeder





JE-150



Flexible Feeder



Specifications

JE-200

Dimension (L*W*H)	298*180*134.5(mm)
Plate inner size	156*208(mm)
Plate sidewall height	13mm 9mm (adaptable)
Weight	11kg
Werk voltage	DC24V/8A
Vibration frequency	consistent
Noise level	≤65db
Max. load	0.5kg
Max weight of flipable workpiece	≤30g
Cycle time of single action	150-300ms
Movement model	Vertical, Collect, Direction
Back light	Adjustable white backlight
Control driver board	Input Output NPN, EMC, built-in driver, circuit isolation,
Communication & interface	TCP/IP IO

Specifications

JE-150

Dimension (L*W*H)	235*132*131(mm)
Plate inner size	118*160(mm)
Plate sidewall height	13mm 9mm (adaptable)
Weight	9kg
Werk voltage	DC24V/8A
Vibration frequency	consistent
Noise level	≤65db
Max. load	0.5kg
Max weight of flipable workpiece	≤30g
Cycle time of single action	150-300ms
Movement model	Vertical, Collect, Direction
Back light	Adjustable white backlight
Control driver board	Input Output NPN, EMC, built-in driver, circuit isolation,
Communication & interface	TCP/IP IO

JE-200



Flexible Feeder





JE-300



Flexible Feeder



Specifications

JE-400

Dimension (L*W*H)	470*269*213.5(mm)
Plate inner size	265*336(mm)
Plate sidewall height	48mm 30mm (adaptable)
Weight	21kg
Werk voltage	DC24V/8A
Vibration frequency	consistent
Noise level	≤65db
Max. load	1,5kg
Max weight of flipable workpiece	≤50g
Cycle time of single action	200-400ms
Movement model	Vertical, Collect, Direction
Back light	Adjustable white backlight
Control driver board	Input Output NPN, EMC, built-in driver, circuit isolation,
Communication & interface	TCP/IP IO

Specifications

JE-300

Dimension (L*W*H)	416*232*196.5(mm)
Plate inner size	210*280(mm)
Plate sidewall height	48mm 30mm (adaptable)
Weight	17kg
Werk voltage	DC24V/10A
Vibration frequency	consistent
Noise level	≤6Sdb
Max. load	1kg
Max weight of flipable workpiece	≤50g
Cycle time of single action	200-400ms
Movement model	Vertical, Collect, Direction
Back light	Adjustable white backlight
Control driver board	Input Output NPN, EMC, built-in driver, circuit isolation,
Communication & interface	TCP/IP IO



JE-400

Flexible Feeder



JE-500



Flexible Feeder



Bunker

Sizes: 1L 2L 3L 5L 10L 15L

Drive control: AC 220V

DC 24V - Vibration plate with built-in motor



Bunker JE-1L



Bunker JE-2L



Bunker JE-3L

Specifications

JE-500

Dimension (L*W*H)	598*345*211(mm)
Plate inner size	341*448(mm)
Plate sidewall height	66mm (adaptable)
Weight	27kg
Werk voltage	DC24V/10A
Vibration frequency	consistent
Noise level	≤65db
Max. load	1.5kg
Max weight of flipable workpiece	≤50g
Cycle time of single action	200-500ms
Movement model	Vertical, Collect, Direction
Back light	Adjustable white backlight
Control driver board	Input Output NPN, EMC, built-in driver, circuit isolation,
Communication & interface	TCP/IP IO



Bunker JE-5L



Bunker JE-10L



Bunker JE-15L



Flexmaster Pro Feeder loading station



Wide application

Suitable for a wide range of parts (complex parts)



Flexible production

Fast change of different parts



Low noise, no wear on workpiece

Low noise emission and no danger of material jamming



High precise positioning

High-precision positioning and detection



Visual management system

Our developed recording system can store different materials, which reduces the changeover time rapidly.

New product development & More application

Application of Flexible Feeder System

Special requirement

Surface coating, oily parts, galvanic parts, etc.

Application industries

Plastics, watches, batteries, food, connectors, medicine, toys, semiconductors, magnetic cores, FCP

Applicable shape

Irregular shapes like tower type and cone type

Typical workpiece

Spring, USB head, button, push button, wiring harness, seal, contact plug, coil, O-ring, line card, plug, angle valve, pin strip, nut, coupling splitter

Applicable material

Branch parts, hardware parts, rubber parts, electronic parts, ceramic parts



Automatic feeding with special springs



Flexible feeding with special precision parts



Automatic feeding specially shaped parts



Feeding of different seals



Automatic feeding of mascara pens



Flexible feeding of phone parts



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



Jäger Engineering GmbH

Gewerbestraße 8
78126 Königsfeld | Germany
Phone: +49 (0) 7725 4949 993
E-Mail: info@jaeger-engineering.de
Web: www.jaeger-engineering.de



Note:

We reserve all rights to this document and the objects and illustrations contained herein. Reproduction, disclosure to third parties or exploitation of its contents - even in part - is prohibited without the prior written consent of Jäger Engineering GmbH.

We reserve the right to make technical changes to the products and changes to the contents of this document at any time without prior notice. For orders, the respective agreed properties are decisive. Jäger Engineering GmbH assumes no responsibility for any errors in this document.