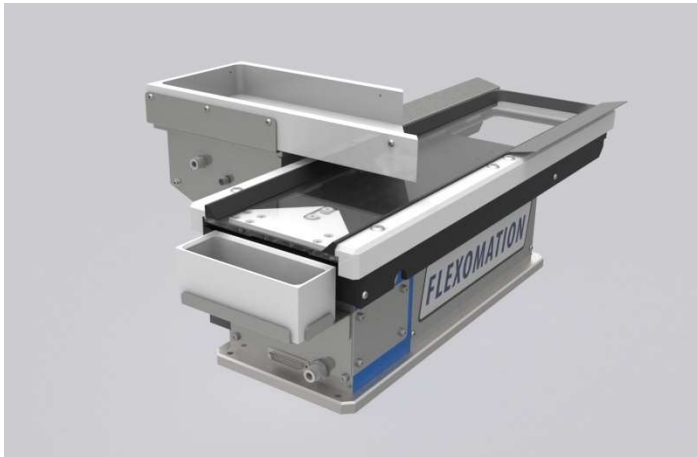


FLEXOMATION

FLEXIBILITY IS OUR BUSINESS

MicroG SERIES

FLEXIBLE PARTS FEEDING



MicroG[120]
with optional PreFeeder

The MicroG series is part of flexible feeding family designed specifically to handle SMALL parts. Utilizing a tempered glass feed surface, this feeder provides the unique ability to have an upward mounted camera that is placed under the feed surface. In this configuration, vision servoing can be utilized for part picking. For less demanding applications, the placement of the camera in this

Features

- ✓ Universal control interface using digital I/O
- ✓ Pneumatically Driven
- ✓ Stores up to 64 part profiles
- ✓ Integrated backlight option
- ✓ Multiple feed surface options
- ✓ Utilities: 24 VDC (2.0A), 85 psi clean, dry air

manor allows for faster cycle rates as the camera FOV is never blocked by the robot arm.

The MicroG's embedded controls system provides ease-of-use in deploying the feeder with any robot control system. A universal digital I/O interface makes this feeder versatile and yet simple to implement.

MicroG series feeders are available in three standard sizes:

- MicroG[80] [FOV size 80 mm x 107 mm]
- MicroG[100] [FOV size 100 mm x 133 mm]
- MicroG[120] [FOV size 120 mm x 160 mm]

(Backlight FOV sized for aspect ratio of 640 x 480 camera)

Benefits

- ✓ Compatible with all industrial robot systems
- ✓ No need for external control peripherals
- ✓ Works well with rolling (cylindrical) parts
- ✓ Fast product change over
- ✓ Multiple feeders can present multiple parts for complex assembly applications.
- ✓ Feeds a wide variety of parts with no fixturing