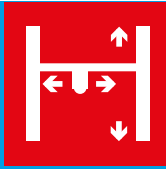


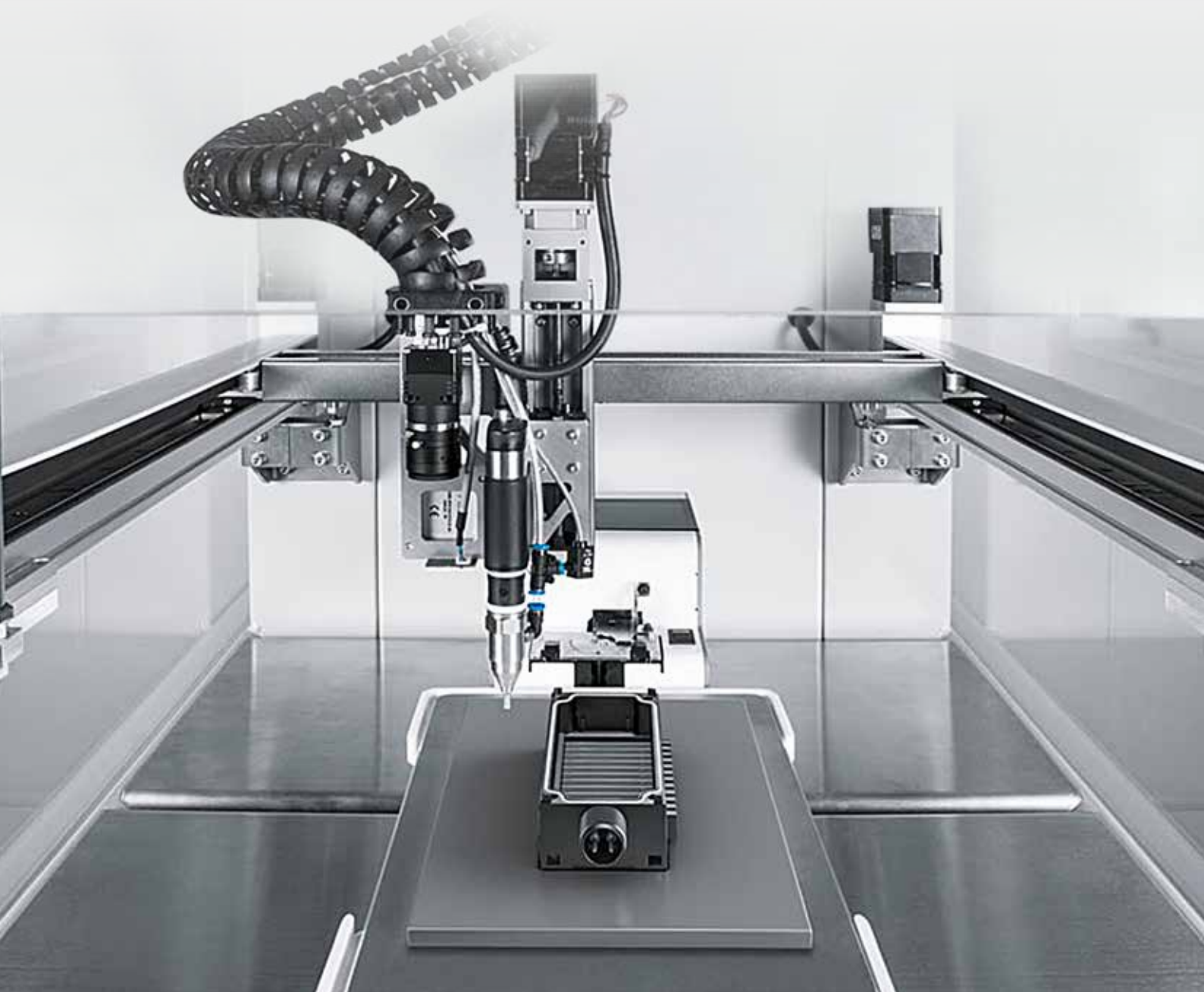


INTELLIGENT
FEEDING COMPONENTS



On target in
every direction

IFC H-Portal



Small construction handling system for desktop applications

A further IFC function module for handling of small parts

Palletising, inserting, transforming, screwing, dispensing, testing, inspecting, soldering, gripping, opening, closing of vessels and much more: The small construction IFC handling system is the basis for the most varied of desktop applications.

This system-building kit from standardised mechanics, control system and software etc. can easily be attuned and adapted to the most varied of needs and customer requirements.

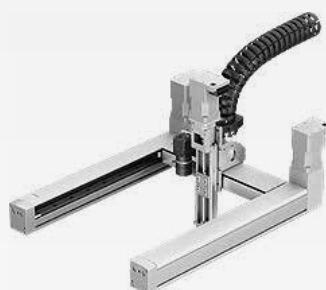
Particular properties and features are:



Simple to use due to a standardised user interface.

No programming is required. The flows are defined by configuration, teaching positions and simple sequences of steps.

This allows the end user even to make system optimisations and/or set up new types quickly and easily.



Camera interface and integrated machine vision included!

The control system provides an interface to connect various cameras or even vision sensors. So additional testing and surveying tasks are possible and can be integrated.

Depending on the camera result, corresponding run commands can be activated and/or positions driven to. So, for example, a good/bad sorting can be done very simply. Further example applications are camera-dependent start-up, positioning and turning of components.



This all combines with components and modules from the IFC feeding modules. And a highly-flexible feed unit is complete, based on standardised and tried-and-tested functional units.

Construction sizes and technical data

Currently, working space as follows can be achieved:

X axis: 700 mm
Y axis: 500 mm
Z axis: 125 mm

Repeatability accuracy:
+/- 0,05mm

Parts rate:
approx. 30 parts/min

Additional peripherals:
Suction gripper, finger gripper
Swivel drive
Rotary drive



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