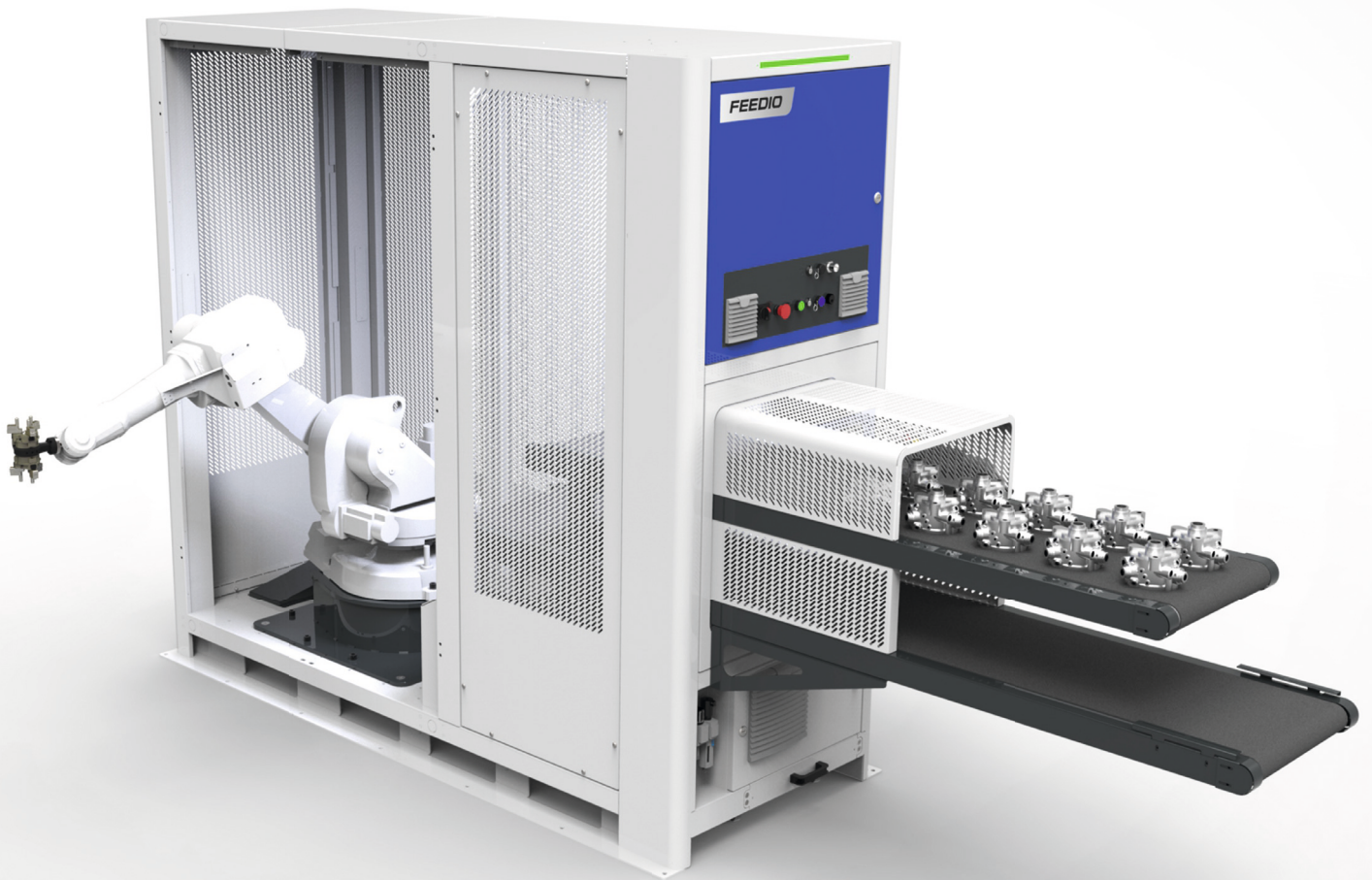


FEEDIO



Smart Automation

For Your *SPEEDIO*

FEEDIO is developed in collaboration with Brother and ABB and is designed to increase effectivity of production and profitability of Brother machining centers. **FEEDIO** is available for all **SPEEDIO** series with compact footprint.

Thanks to its smart vision system it provides you more flexibility to handle various workpieces with easy programming.



FEEDIO provides you a Plug & Play system using Brother's fieldbus communication (Profibus). Long unmanned processing time, high flexibility, various options that are best designed to fit with the system. Thanks to a customized **SPEEDIO** page on ABB's FlexPendant, it is possible to operate and monitor signals on your Brother machine.

Features

Compact cell with small floor space

Rigid frame structure

Complete camera vision system

ABB industrial robot

Robots IRB 1600, 10kg, 1.45m and IRB 2600, 20kg, 1.65m

Standardized robot double gripper

Air blow preparation for all work grippers

ABB's smart teaching pendant, FlexPendant

Standardized control panel for **SPEEDIO**

Basic example of robot program for tending **SPEEDIO**

Built-in PC, key-board & mouse for camera vision setting

Standardized Profibus interface for Brother **SPEEDIO**

Full accessibility to machining area through front door

CE standard integrated robot safety with interlocked access door

High flexibility to run various kind of parts

Possible to feed two machines

Several options at choice

Available for all **SPEEDIO** series



ABB Robots



IRB 1600

Handling capacity 10kg, reach 1.45m.
High performance 10kg robot allows you to feed workpieces into **SPEEDIO** with most effective cycle time. Suitable for all **SPEEDIO** series.



IRB 2600

Handling capacity 20kg, reach 1.65m.
Higher payload capacity robot allows you to handle even larger workpieces into **SPEEDIO**, with best accuracy and acceleration in its class. Ideal for S1000X1 and R650X1.

Gripper Samples



Standard Gripper 7

Flexible, adjustable gripper with two fingers.



Standard Gripper 11

Flexible and adjustable three-finger gripper.

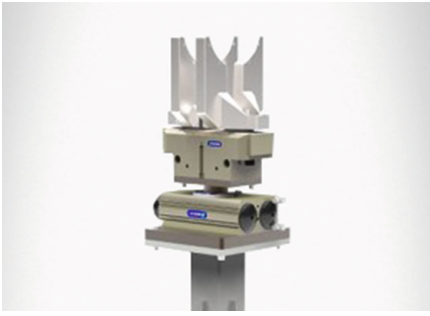


Gripper with Air Blow

Adjustable double gripper with air blow nozzle.



Options



Turning Station



Deburring Station



Part Marking Station



Washing Station

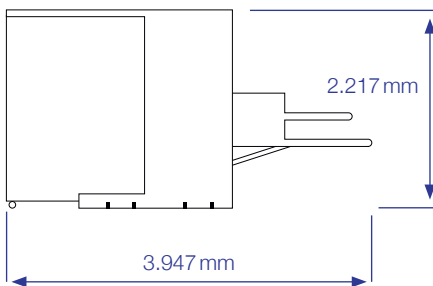


Air Cleaning Station

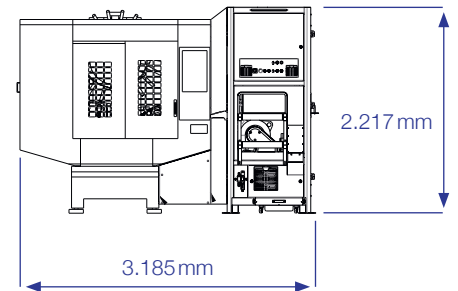
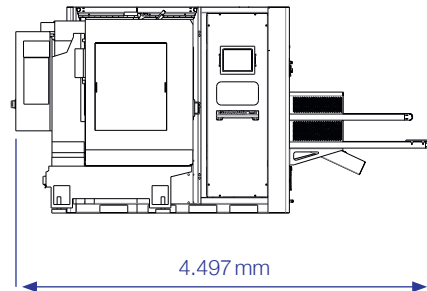


Regripping Station

External Dimensions *FEEDIO*



External Dimensions with S700X1



machine status

history

downtimes

ABB application for your mobile phone. ABB provides an iOS App through Apple store. It can monitor status, history and downtimes of the system even if the operator is away from the production site. Easy monitoring function for your **SPEEDIO**.



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