

*speed*CELL

Assembly and testing
at high performance



The **speedCELL** is suitable for assembly and testing of primarily rotationally symmetrical parts produced in high volumes.

Core of the **speedCELL** is a tower which is continuously driven by a cam (continuous motion). The tower includes up to 48 product-specific tools which perform the mounting and testing processes during the rotation of the tower.

The single parts which have to be mounted are supplied "in flight" or removed for further processing after the assembly or test process via satellites. So no friction – and therefore no abrasion – occurs.

Area of application

- quantity requirements of up to 1,000 parts/minute
- assembly and testing of devices or product existing of up to 4 single parts
- for a wide range of industries and production environments



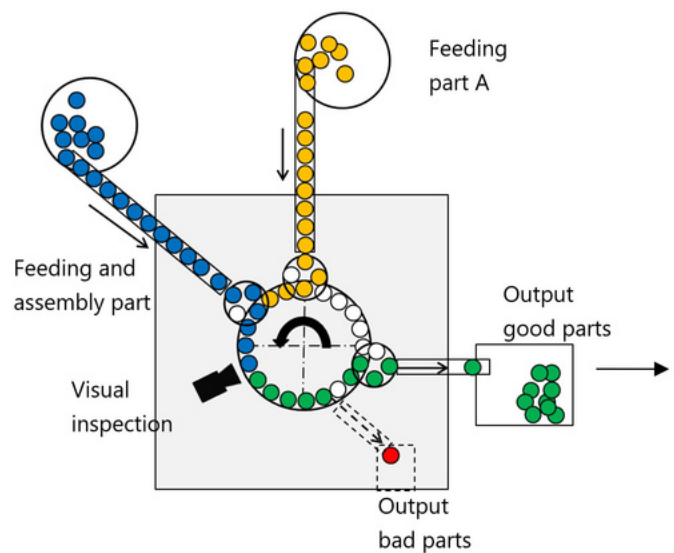
The **speedCELL** can also be delivered in compliance with GMP, GAMP5 or CFR21 part 11.



Application example

The **speedCELL**, equipped with 20 tools and 3 satellites for the assembly of 2 plastic parts and a performance of 400 cycles/minute.

1. Feeding part A with feeding systems
2. Feeding part B with feeding system and assembly with part A
3. Visual inspection
4. Blowing of bad parts into a box
5. Output of good parts by a unloading conveyor belt into a box



Technical data

Performance
Drive
Control
Power supply
Design (optional)

up to 1,000 parts/minute
cam driven
Siemens S7
400 VAC / 50 Hz, 5 bar at least
in compliance with GMP, GAMP5 and 21 CFR part 11



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Film

