



## MC Multipurpose Cell

Modular flexibility: for dispensing, joining, assembling, and testing

### Automation in the smallest of spaces

The universal RAMPF MC Multipurpose Cell is precisely tailored to customer needs and facilitates series production using a modular system with a minimal footprint. Building on the various cell sizes available, its modular design means we can expand the MC to include dispensing technology, small robots, linear axes, conveyor belts, and rotary index or sliding tables. Customized technology for joining, assembling, and testing creates a space-saving automation concept available as a stand-alone solution or production line. Choose between systems from Siemens and Beckhoff for the controls.



#### Added value

- Flexible and compact automation solutions for sealing, casting, and bonding
- Variable cell sizes for a wide range of applications
- Available as a stand-alone concept or integrated into a production line
- Intuitive operation via RAMPF HMI
- Controls from Beckhoff or Siemens
- Time-saving installation and commissioning



#### Dispensing technology

- Integration of 1- or 2-component dispensing systems incl. material preparation
- Dispensing of all mixable materials, from liquid to paste-like
- Material supply from cartridges, canisters, or 200-liter-drums



#### Equipment

- Dispensing technology combined with assembly and testing technology, surface activation (plasma)
- Small robots, linear axes, conveyor belts, lifting doors, light grids
- Rotary index, sliding, and work tables
- Large-size touchscreen or mobile panel
- CNC gantry carriage with various travel ranges

# MC Multipurpose Cell: RAMPF automation competence in the smallest of spaces

## Available cell sizes (W x D in mm; H 2300)

1250 x 1800

1550 x 1800

1750 x 2300



## Features and extensions (available for all cell sizes)



### Features

- Work table
- Double sliding table
- Manual or electric rotary index table
- Conveyor belt feed-through

In the loading area, alternatively equipped with:  
swing door, lift door, light curtain

Travel ranges depending on cell size (in mm):

MC-CNC 500: x=500, y=500, z=300

MC-CNC 800: x=800, y=500, z=300

MC-CNC 1000: x=1000, y=1000, z=300



### MC-CNC 800

Robot with MS-C mixing system,  
conveyor belt feed-through



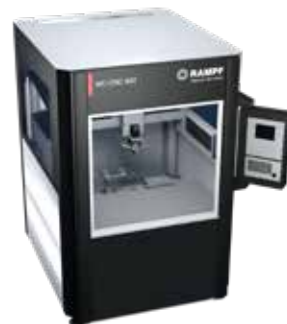
### MC-CNC 1000

Gantry with MS-C mixing system,  
rotary table



### MC-CNC 1000

Robot with MS-C mixing system,  
double sliding table



### MC-CNC 800

Gantry with MK mixing system,  
lift door

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