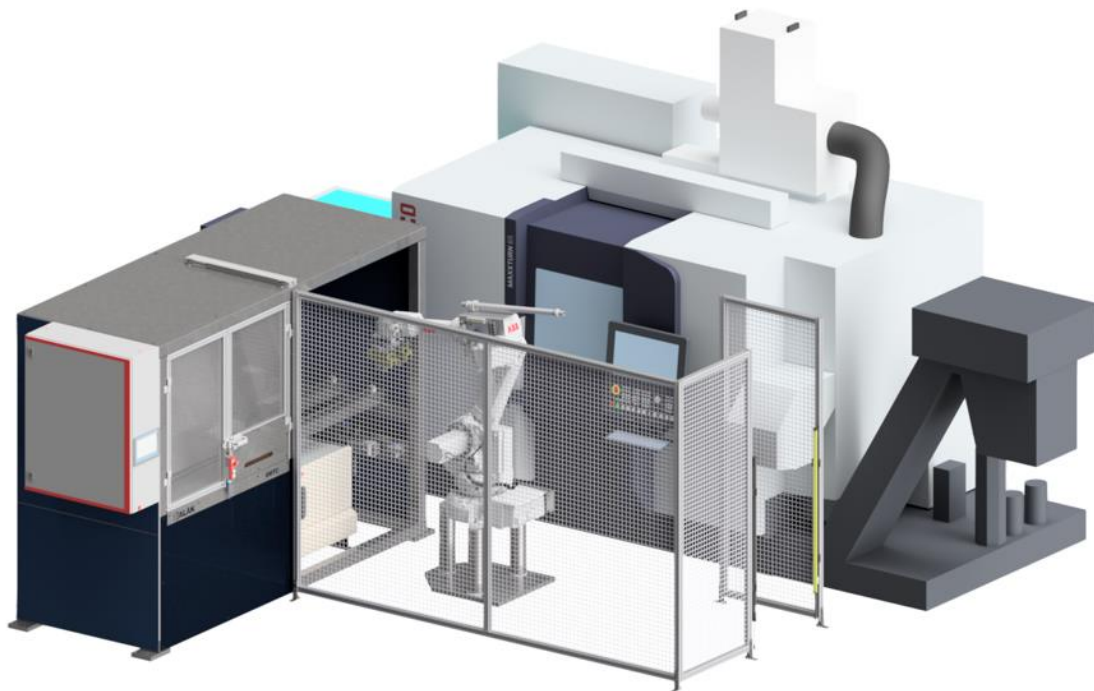




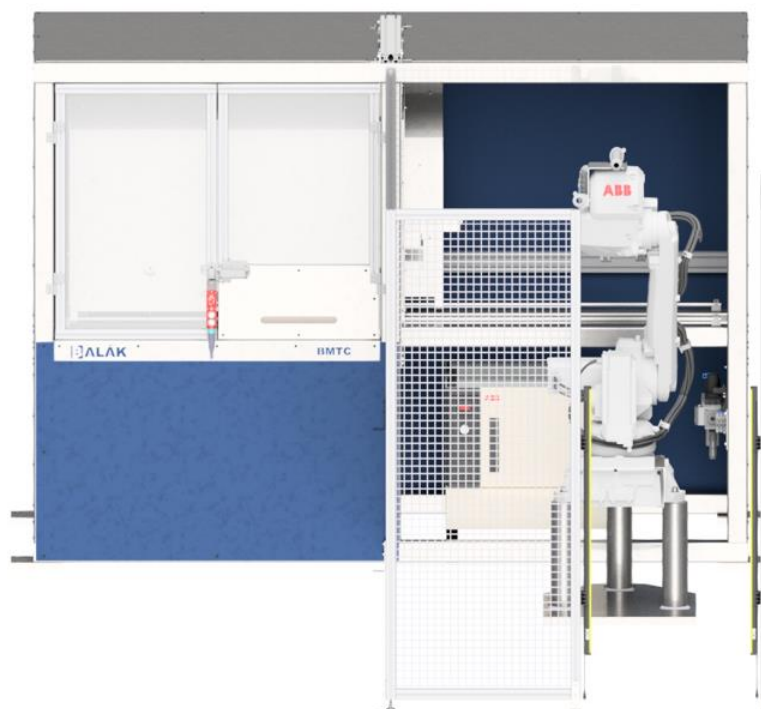
BMTC-X-n-n Balak Robotic Cell Manufacturer | Payload | Reach



Compact cell with an industrial robot, a magazine with 2 movable tables with parts and a connection to a machine or another workplace. The pieces are placed on easily replaceable grids. The surroundings of the handling area of the robot are fenced with the entrance to the machine using a safety door with a handle or an area sensed by a light curtain. Machine tending can be controlled from the robot or from master control system.

Key features:

1 Robot | 1 Input Magazine with 2 movable Tables | 1000+ Applications

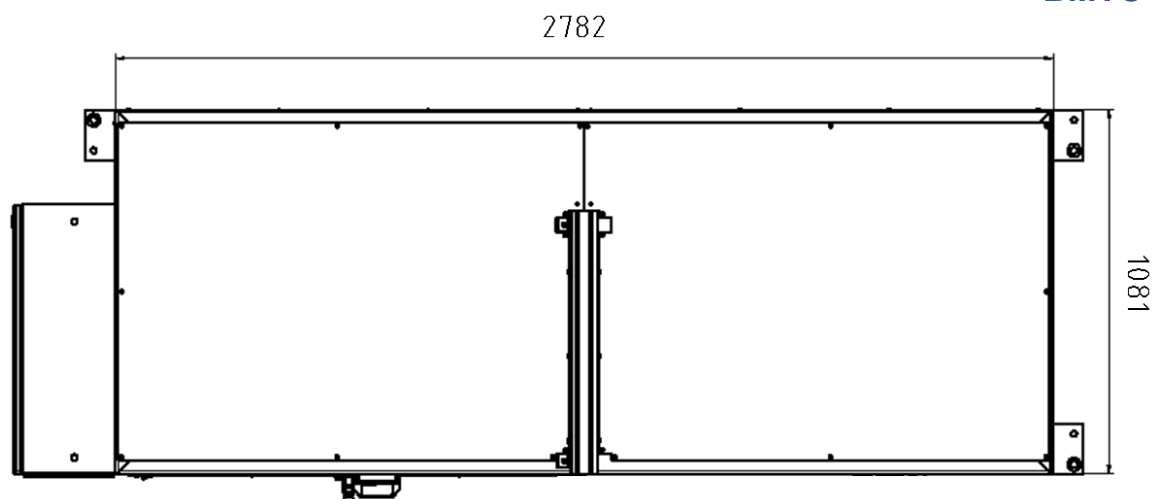




Robot	Reach (mm)	Payload (kg)	Programming Environment
ABB IRB 2600 BMTc-A-20-1650	1,650	20	RobotStudio
Fanuc M-20iD/25 BMTc-F-25-1831	1,831	25	RoboGuide
KUKA KR Cybertech-1 BMTc-K-20-1813	1,813	20	KUKASim
KUKA KR IONTEC BMTc-K-70-2101	2,101	70	KUKASim
Stäubli TX2-160 BUR-S -40-1710	1,710	40	Robotics Suite

Source: new.abb.com; fanuc.eu; kuka.com; staubli.com

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Specs	Metric
Robot Manufacturer	see Table
Reach	see Table
Payload	see Table
Programming Environment	see Table
Control System	Robot Controller
Master Control System	opt (Siemens Simatic ET200sp)
HMI	Robot Teach Pendant
Master Control System HMI	opt (Siemens HMI)
Other Device Communication I/O	✓ (6×)
ProfiNET Communication	opt
Robot Teach Pendant	✓
Magazine with 2 movable Tables	✓
2 Grids for specific Workpiece	opt
Maximum Grid Dimensions	1,100/900
Maximum Workpiece Depth	145
End Effector	opt
Dual-End Effector	opt
End Effector designing	opt
Pneumatic Valves	3
Optional Number of Pneumatic Valves	opt
Safety Fence	✓
Safety Door with Handle	✓
Safety Light Curtain	opt
Machine Status Light	✓
Covers	✓
Ethernet Interface	✓
Remote monitoring – LAN connected	opt
Remote monitoring – SIM connected	opt
Metric Design	✓
Machine Labels – Czech	✓
Machine Labels – English / other languages	opt
Instruction Manual printed and digital – Czech	✓
Instruction Manual printed and digital – English / other	opt



languages	
Spare Parts Drawings	✓
EU declaration of conformity	✓
CE Label	✓
Risk analysis	✓
Operator Training, Programming Training	4 hrs.
Maintenance Training	2 hrs.
Standard Warranty	24 mos.
Extended Warranty	opt
Warranty Repair Start – Czech republic	within 48 hrs. (w/d)
Warranty Repair Start – EU / other countries	opt
Post Warranty Repair Start – CZE / EU / other countries	opt
Customization	opt
delivery together with machine / other equipment	opt

✓ – Standard Equipment, **opt** – Optional Equipment

