



GiboSmartSolutions

GiboCobot



ADVANTAGES

- Known technology that can be put together for your production
- Simple user operation increases conversion speed
- Mobile for high production flexibility
- Higher throughput for increased productivity
- Releases employees for other tasks
- Reducing one-sided repetitive work
- Increased competitiveness and greater employee satisfaction

Gibotech's cobot solutions are based on recognized brands, known technology and experience from previous projects. The solution is offered as a finished turnkey solution within the frames described on the back and can be easily adapted to customer-specific requirements.



Robot
Omron TM



Gripper
OnRobot vacuum or gripper



Tasks
All types of handling task where an extra hand is needed



Solution
Can be delivered as a collaborativ robot or with a safety scanner/fence



Delivery
The robot is delivered, installed and commissioned with the customer



INCLUDED

- 1x Omron TM5-700 robot incl. controller
- 1x OnRobot gripper RG2
- 1x Socket for the robot

Options:

- Omron
 - Omron TM5 -900
 - Omron TM12
 - Omron TM14
- Safety scanner
- Workstation table with wheels
- Omron PLC when needed for prescription control
- OnRobot
 - Broad product range of standard grippers for different needs
 - Dual quick changer for 2 grippers on the same arm
 - Force Torque sensor

FUNCTIONALITY

GiboCobots is a series of collaborative robotic arms with OnRobot standard grippers designed to cover a wide range of needs in handling different items using standardized equipment. Only the imagination limits the possibilities and a solution can always be designed covering the areas where the standard equipment does not apply.

The robot is offered with the latest software and Omron's easy-to-use TM Flow platform that provides the user with an intuitive flow based programming tool with drag and drop boxes. In addition to flow programming, the robot also allows for "teach by hand" where the operator moves the robot between positions and using the push of a button on the robot, the position is recorded in the program.

The robot's built-in vision camera allows you to recognize patterns, object positions and read barcodes etc.

The innovative OnRobot grippers with all clutches integrated allow the user to loosen and re-attach the gripper with one press. The operator does not have to switch connectors and move cables and can move quickly to the next task.