



# GiboSmartSolutions

## GiboCobotFlex



### ADVANTAGES

- Fleksibel løsning baseret på standarddele
- Expandable if needed
- Mobile and easily converted for other jobs
- Short delivery time
- Value for money
- Short ROI
- Easy to use

GiboCobotFlex meets all needs and requirements for flexible production with a cobot.

GiboCobotFlex is designed so the robot and cart stays the same but the equipment defines the task. It's easy to get started and you can always expand with more tools to match specific requirements.



#### Robot

Omron TM 12/14



#### Gripper

OnRobot, Schunk



#### Jobs

All jobs where cobots are the obvious choice and flexibility is in focus



#### Accessories

The range is continuously extended



#### Solution

May be combined with Omron AMR or integrated towards a third party AGV



## SOLUTION

- Omron TM12/14 robot incl. controller
- Standard gripper
- Transport cart for robot with side rails and 4 swivel wheels
- Safety area scanner
- Assembly and commissioning
- Complete documentation package including CE marking
- 1 week course in programming

### Accessories

- Omron LD AMR (Autonom Mobil Robot)
- Telescopic socket for robot
- Floor fixture brackets
- Omron PLC when prescription management is needed
- Grippers/Tools from Schunk or OnRobot
- Grinding and polishing tools
- Mobile 4-wheel cart
- Hole plate for items
- Pallet guides including rails
- Create station
- Ribbon lanes
- Box erector incl. gripper for boxes
- Integration towards other machines
- Screwdriver equipment

## FUNCTIONALITY

GiboCobotFlex combines the cobot's easily accessible programming with high flexibility and applications that provide the foundation for maximum utilization and operation creating optimal ROI.

GiboCobotFlex is designed to cover a wide range of tasks from machine operation to assembly to palletizing etc.

The whole core of the solution lies in the mobile socket that can be moved from task to task. The base itself is moved to the task and the suitable equipment for the specific task is attached on the side. This is done easily by placing the equipment as close as possible to the socket. Then the robot detects the precise position via TM Landmark, which is placed on the side equipment.

GiboCobotFlex is designed for use with standard grippers based on the Plug and Play principle. This means that GiboCobotFlex can operate a CNC machine one day and the next day it may palletize boxes on euro pallets or polish items that must appear glossy.

The entire solution is bound together by user-friendly drag and drop programming in the included software platform.

The list of side equipment and grippers is continuously expanded and can be purchased as needed.