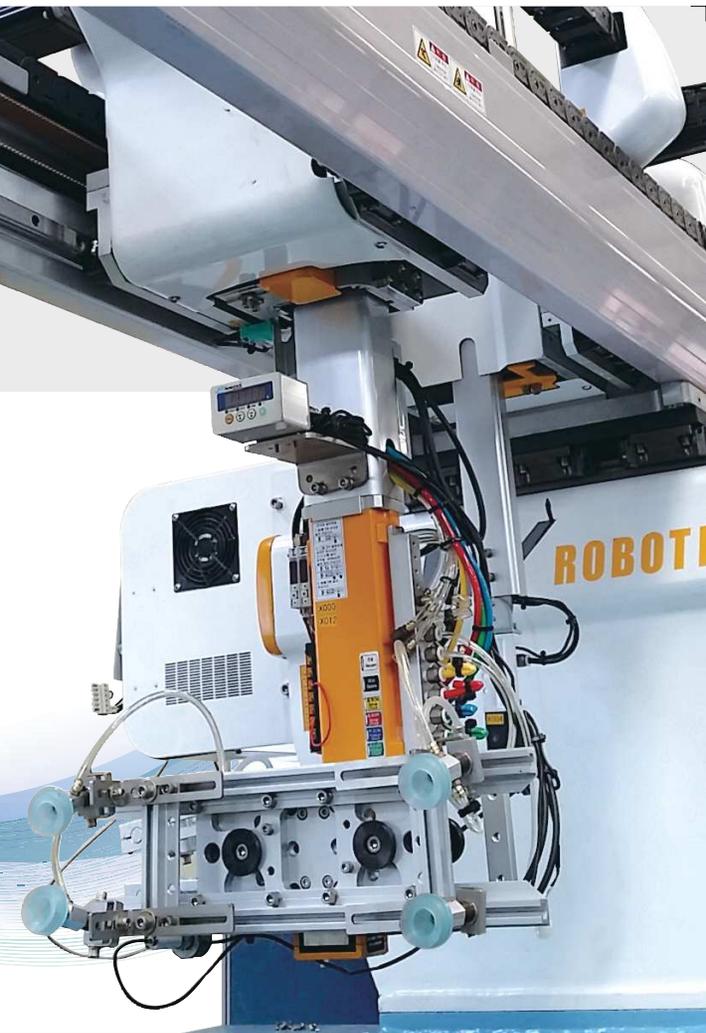


EPIK · UNIK HYK-70 CONTROLLER

Smart take-out robot with high reliability which can be operated by high performance controller



Teaching Pendant

- **high performance CPU:** 1.MX6, 1.2GHz ARM Cortex™-A9 Core
- **7 inches wide screen:** 1024*600 High resolution
- **Ergonomic design**
 - Light weight and Ergonomically designed wide screen pendant
- **IMM control button with LED light**
 - Possible to operate simple and safe way
- **Mode type, teaching type, and PLC Program type (Patent achieved)**
 - Engineer can utilize functions from simple movement to advanced features
- Possible to back up by USB

Convenience

- **Possible to set convenient motion easily**
 - 3 types of motion setting mode (mode, teaching, program) help to proceed various motions
- **Simulation**
 - Possible to check the movement of robot on PC by using 3D simulation function
- **Easy setting by Image**
 - Worker can easily distinguish the mold by the product picture which is saved
 - When setting palletizing task, worker can operate palletizing easily by using graphic image
- **Highly compatible operating pendant**
 - If pendant is broken, worker can activate another pendant or PC for operation

Economic effects

- **Energy saving function_Energy can be saved more than 25%**
 - Servo auto sleep mode can minimize the consumption of electric current
- **Reducing Cycle time by vibration control system**
 - Special algorithm is applied for reducing vibration control.
 - Automatic calculation of shortest path when Switching in Right Angle, smooth operation
- **Reduced Setting time**
 - 3 types of setting mode can reduce the setting time of standard motion
- **Integrated control by multi-control function**
 - Maximum 4 robot and external appliance can be controlled by 1 controller

Safety

- **Protective function not to hit the mold**
 - Possible to set mold protection area which helps the robot not to hit the mold
- **Interworking function with ejector**
 - Robot arm moves backward automatically when ejector intrudes to prevent the pin damaging

Expandability

- **Remote monitoring using IOT technology**
 - Possible to check the factory in real time by connecting network
- **New function of injection molding smart solution can be updated continuously**
 - Options related to weight, temperature, electrostatic, and vision help to improve product quality