



MOTION INDEX DRIVES

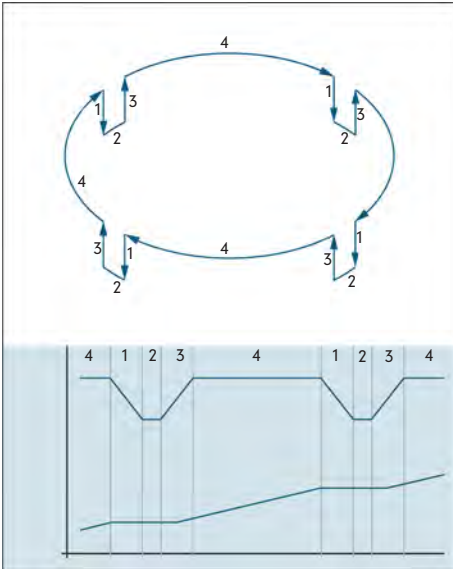
PICK AND PLACE UNIT
Multiple Series



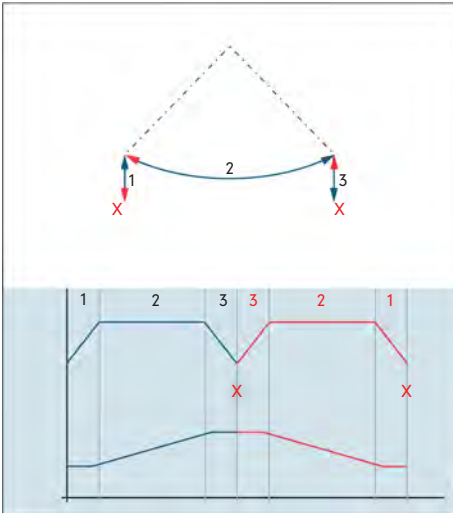
Pick and Place Units

Available Courses of Motion

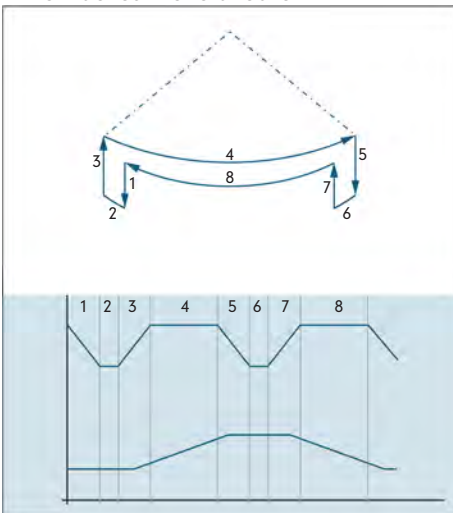
Pick and Place Unit
Drive indexes in one direction



Pick and Place Unit
Drive changes rotating direction at X



Pendulum Pick and Place Unit
Drive indexes in one direction



Series GH

- Single drive for pick and place
- Right angle cam for rotation
- Flat cam for lift
- The relationship between lift and rotation can be customized
- Compact, durable unit
- Optional thru-hole

GH 100
Vertical stroke [mm] 55
Rotation 80°
Pendulum 90°



Series RH

- Single drive for pick and place
- Barrel cam for rotation
- Flat cam for lift
- Compact, durable unit
- Optional thru-hole
- Maintenance-free lubrication

RH 100
Vertical stroke [mm] 30
Rotation 90°
Pendulum 60°



Series PH

- Single drive for pick and place
- Barrel cam for lift
- Large torque with use of flat cam
- Flat cam for rotation
- Compact, durable unit
- Optional thru-hole
- Maintenance-free lubrication

PH 065
Vertical stroke [mm] 40
Rotation 180°
Pendulum 90°



Series RT + VP

- Standard indexer for rotating
- Pneumatic cylinder for lifting
- Pick and placing are independently controlled from each other
- Compact, durable unit
- Optional thru-hole

RT100 + VT30
Vertical stroke [mm] 30
Rotation 180°
Pendulum 90°*



* larger pendulum angle by changing the rotating direction of the drive

Pick and Place Units

All units are customized based on the requirements of each application. With the combination options of cylinder, disk cam, disc groove, globoid, pneumatics and servo technology results in a large variety of pick and place solutions.

RT100 + VP300
 Vertical stroke [mm] 300
 Rotation 180°
 Pendulum 90°*

*Larger pendulum angle by changing the rotating direction of the drive



Series RT + VP

- Standard indexer for rotating
- Pneumatic cylinder for lifting
- Lifting and rotating are independently controlled from each other
- Compact, durable unit
- Optional thru-hole

HDM 30
 Vertical stroke [mm] 55
 Rotation free

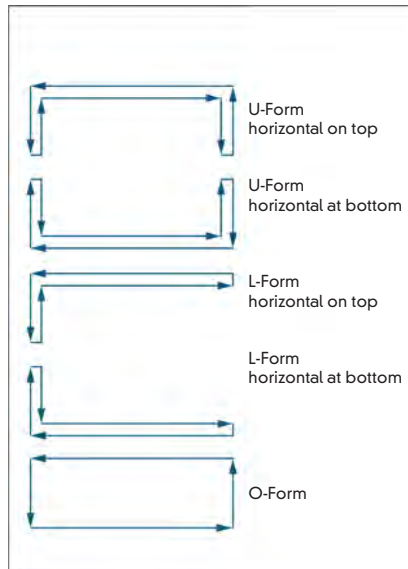


Series HDM

- Two different servo drives for lift and rotate
- Vertical stroke and rotating angle are fully programmable
- Customized servo drives are optional
- Course of motion controlled by servo
- Maintenance-free lubrication
- Optional thru-hole

Linear - Units

Available course of motion



AL 80
 Vertical stroke [mm] 35
 Horizontal stroke [mm] 80

Series AL

- Common drive for lift and rotation
- Flat cam for rotation
- Flat cam for lift
- Vertical stroke protected by a spring
- Compact, durable unit
- Many available courses of motion
- Multiple units can be connected using a common shaft

