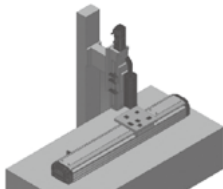


Applications for single axis

ELECTRIC ACTUATOR



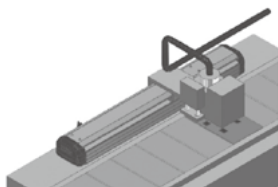
Suitable industry: PCB / CD / DVD / Semi-conductor / Packaging / Testing



Spray-Printing device for PCB substrate boards

Fixes the substrate board onto the electric cylinder. Use the character of equal-speed sliding to execute the spray printing.

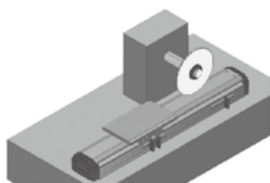
Use specifications
METG/ METS2/ METB/ METFB



Surface cleaning device for circuit boards

Fixes the plasma on to the motor slide and moves back and forth on top of the conveyor to clean surface for circuit boards.

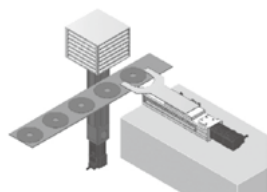
Use specifications
METG/ METS2/ METB/ METFB



Cutting device for PCB circuit boards

Place the PCB board on the electric cylinder and do the cutting by using external cutting devices.

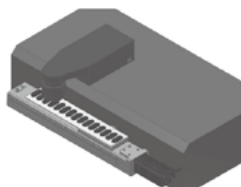
Use specifications
METG/ METS2/ METB/ METFB



Compact disc receiving device

Use the feature "multi-positioning" of electric cylinder to do loading and unloading of the disc box.

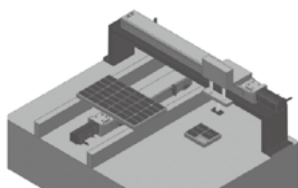
Use specifications
METG/ METS2/ METB/ METFB



IC printer device

Place the IC device on the electric cylinder. Use the character of equal-speed sliding and capable to adapt servo motor and stepping motor to execute the laser printing.

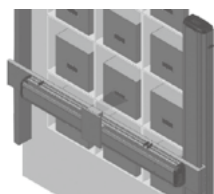
Use specifications
METG/ METS2



Aligning device for pick-and-place of IC boards

Install two single electric cylinder to combine a simple IC pick-and-place system.

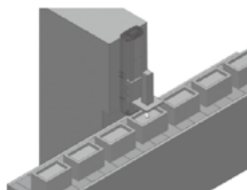
Use specifications
METG/ METS2/ METB/ METFB



Barcode scanning device

Install the X-Y multi-axis system to automated warehouse to execute the scanning of barcode.

Use specifications
METG/ METS2/ METB/ METFB



Fillings device

In order to adapt to filling of different products, we can execute the filling at different height of position by programmable feature.

Use specifications
METG/ METS2/ METB/ METFB

Applications for single axis



mindman

ELECTRIC ACTUATOR

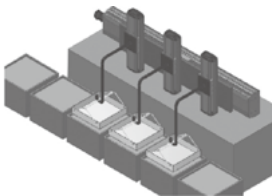
Suitable industry: Automotive / Component processing / Assembling / Surface processing / Mobile phones / Traditional manufacturing / Food / Raw material



Tire surface check machine

Mount the C.C.D on the electric cylinder. Use the character of equal-speed sliding to check the defects on the tire surface and report to the on-site worker immediately.

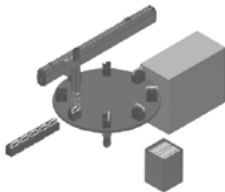
Use specifications
METG/ METS2/ METB/ METFB



Mobile device for surface processing

Mount the working piece on the electric cylinder and dip it into the solvents. Use the character of moving up and down, left and right at high speed to do the surface treatment processing.

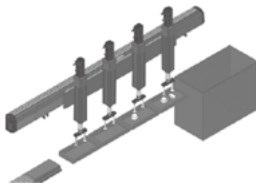
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2



Assembling device on disc machine

Install two single electric cylinders to combine an X-Y system. Then mount it onto the disc machine to do the components assembly.

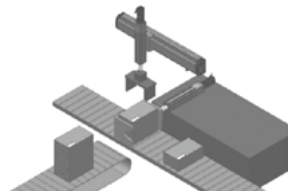
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ



Assembling device for small components

Use the feature multi-positioning of the electric cylinder to drive the sucker and cylinder to do the assembly of small components.

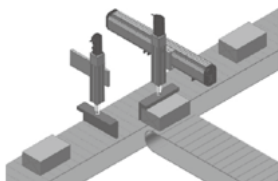
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2/ MEHC2 / MEHC3



Conveyance device for assembly lines

Utilizes uniaxial motor slides to assemble into a XY mechanism and performs conveyance of items on top of the conveyor.

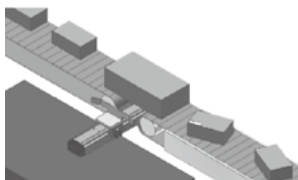
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2/ MEHC2 / MEHC3



Separator device for assembly lines

Utilizes motor slides to categorize products on the assembly line with conveyors.

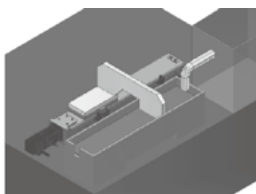
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ



Aligning device for packaging

Utilizes slides with servo motors to align products of different sizes on the moving conveyors, which substantially saves the working time.

Use specifications
MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2



Leveling mechanism for solvent surfaces

Utilizes the characteristics of motor slides moving at equal speeds to level the surface of glutinous solvents.

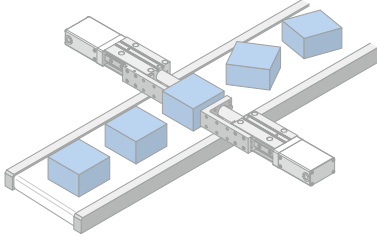
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2

Applications for single / multi axis

ELECTRIC ACTUATOR



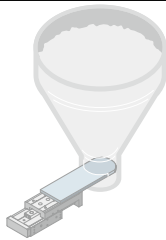
Suitable industry: Traditional manufacturing/ Food/ Raw material/ Surface processing



Conveyor belt product positioning

Install 2 sets of electric actuators on the left and right sides of the conveyor belt to perform product positioning.

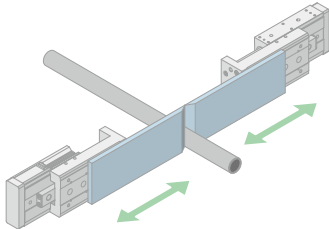
Use specifications
MEQI/ MEGS/ MESH2/ MESF2/ MESS2/ METI



Feed control

Install an electric actuator at the feed outlet to control the feed rate and volume.

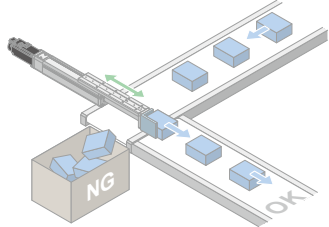
Use specifications
MEQI/ MEGS/ MESH2/ MESF2/ MESS2/ METI



Material cutting

Install 2 sets of electric actuators on the left and right sides of the conveyor belt to perform material cutting operations.

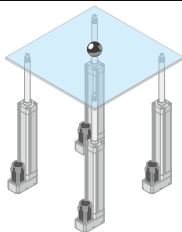
Use specifications
MEQI/ MEGS/ MESH2/ MESF2/ MESS2/ METI



Product pushing

Install a rod-type electric actuator on the side of the conveyor belt to push the workpiece onto another conveyor belt.

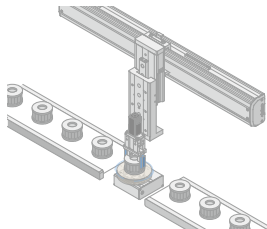
Use specifications
MEQG/ MEQI/ METI



Platform lifting / tilting

Install 4 rod-type electric actuators at the four corners of the platform to control the movement or stopping position of the central spherical object.

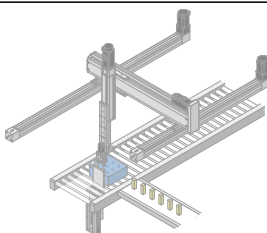
Use specifications
MEQG/ MEQI/ METI



Pulley grinding and transfer device

Combine a single-axis electric cylinder with a slide table and gripper to form an X-Z dual-axis mechanism. Attach sandpaper to a rotary electric actuator to perform surface grinding on the workpiece, then transfer the workpiece to another conveyor belt.

Use specifications
METG/ METS2/ METB/ METFB/ MEGS/ MESS2/ MEHC2/ MEHC3/ MERE



Placement of box contents and blocking device

Combine 3 single-axis electric slide tables to form an X-Y-Z mechanism. Use a gripper for handling operations. The slide electric actuator blocking the box below can also be replaced with an MESBE electric stopper actuator.

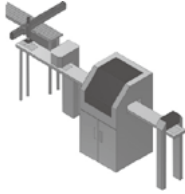
Use specifications
METG/ METS2/ METB/ METFB/ MEGS/ MESS2/ MEHC2/ MEHC3/ MESBE

Applications for multi axis

ELECTRIC ACTUATOR



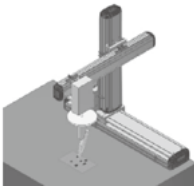
Suitable industry: PCB circuit boards / CD / DVD / Mobile phones



Conveyance device for circuit boards

Assembles two uniaxial motor slides into a X-Z biaxial mechanism and conveys the circuit board across left and right as well as up and down.

Use specifications
METG/ METS2/ METB/ METFB



Auto-soldering device

Fixes soldering device onto the X-Y-Z axes assembled from uniaxial motor slides, which can solder for circuit board components.

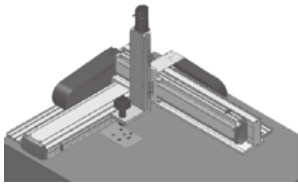
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2



Piling device for circuit boards

Utilizes uniaxial motor slides to assemble into X-Y-Z axes, which can be used on receiver mechanism for circuit board assembly lines.

Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2



Visual checking device for CCD imaging

Fixes the visual system onto the X-Y-Z axes and performs AOI checks on the appearance of PCB boards.

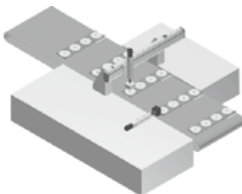
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2



Piling device for compact discs

Utilizes uniaxial motor slides to assemble into a X-Y-Z axes, which can be used on receiver mechanism for compact disc assembly lines.

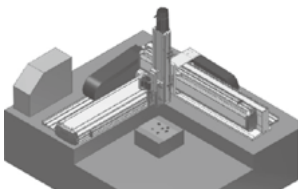
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2



Ultra-violet exposure device for compact discs

Utilizes uniaxial motor slides to assemble into a X-Z bi-axial mechanism, which can be used on ultra-violet exposure devices for compact discs.

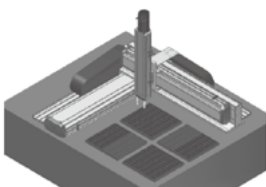
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2



Screw-tightening device

Utilizes the X-Y-axis mechanism for pick-and-place of screws.

Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2



Pick-and-place device for small components

Utilizes uniaxial motor slides to assemble into X-Y-Z axes, which can be used on pick-and-place devices for small components.

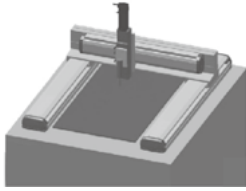
Use specifications
METG/ METS2/ METB/ METFB/ MEQI/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2

Applications for multi axis

ELECTRIC ACTUATOR



Suitable industry: LCD / Automotive / Machine processing / Solar / Food

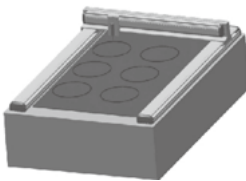


Rubberizing device for large-size LCD glass substrate boards

Utilizes two synchronous X-axis motor slides and one Y-axis slide along with Z-axis to assemble into one package of high-speed rubberizing devices for LCD glass substrate boards.

Use specifications

METG/ METS2/ METB/ METFB/ MEQ/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2

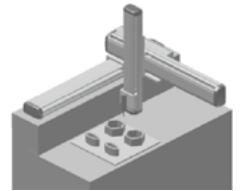


Cutting for glass substrate boards

Utilizes two synchronous X-axis motor slides with one Y-axis slide to assemble into one package of simple cutting mechanism for glass boards.

Use specifications

METG/ METS2/ METB/ METFB/ MEQ/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2

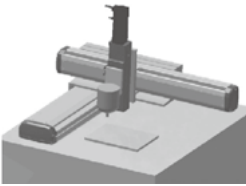


Coating device for various small components

Assembles three uniaxial motor slides into a X-Y-Z mechanism that can perform dispensing and rubberizing operations with costs way cheaper than one rubberizing machine and utilize the rubberizing operation on the assembly line.

Use specifications

METG/ METS2/ METB/ METFB/ MEQ/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2

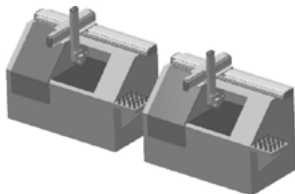


Mobile device for spray coating

Utilizes X-Y-Z axes to clean or spray coating.

Use specifications

METG/ METS2/ METB/ METFB/ MEQ/ MEQG/ MEGS/ MEJQ/ MESS2/ MESF2/ MESH2

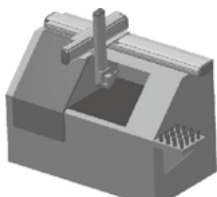


Pick-and-place device for processed parts from machine tools

Utilizes uniaxial motor slides to assemble into X-Y-Z axes that can be installed onto two or three CNC machine tools as the pick-and-place mechanism for loading and unloading of processed parts from multiple processing.

Use specifications

METG/ METS2/ METB/ METFB/ MEQ/ MEQG/ MEGS/ MEJQ

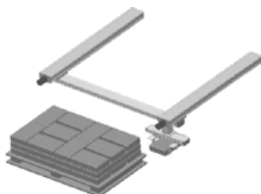


Pick-and-place device for processed parts from machine tools

Utilizes uniaxial motor slides to assemble into a X-Y-Z axes that can be installed onto CNC machine tools as the pick-and-place mechanism for loading and unloading of processed parts, with a cost saving more than 6-axis mechanical arms.

Use specifications

METG/ METS2/ METB/ METFB/ MEQ/ MEQG/ MEGS/ MEJQ

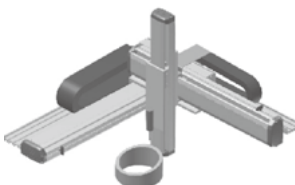


Conveyance device for large items

Utilizes two synchronous X-axis motor slides with one Y-axis motor slide to assemble into one package of conveyance device for large-size items, with a cost saving more than 6-axis mechanical arms.

Use specifications

METG/ METS2/ METB/ METFB/ MEQ/ MEQG/ MEGS/ MEJQ



3-Dimensional rubberizing device

Utilizes X-Y-Z axes to assemble into a cantilever rubberizing mechanism that can perform 3-dimensional rubberizing.

Use specifications

METG/ METS2/ METB/ METFB/ MEQ/ MEQG/ MEGS/ MEJQ