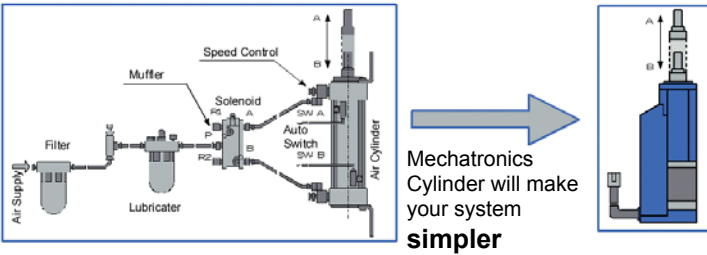


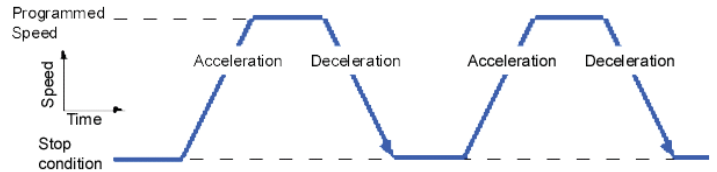
Application Notes

Much simpler than Air Cylinder

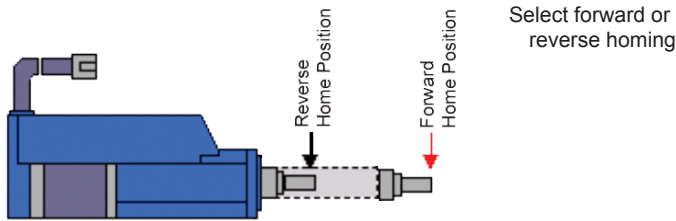


Standard positioning

Positioning can be programmed with speed and acceleration for each position.

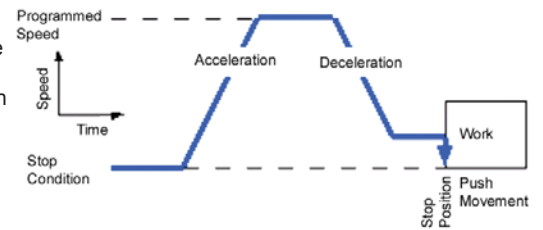


Homing direction change



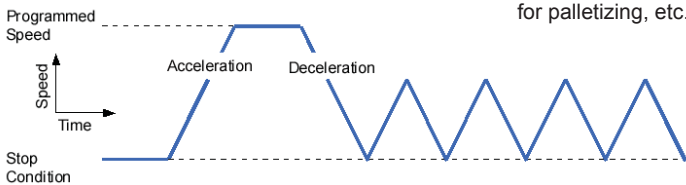
Push force mode

Push force mode can be programmed with force data entry (% of max force)



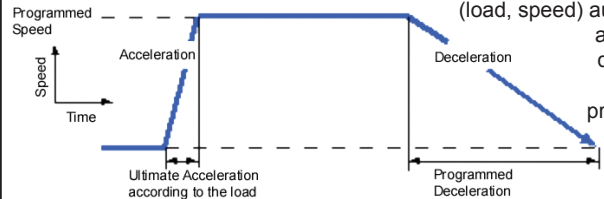
Incremental movement

Incremental motion can be programmed with pitch data entry for palletizing, etc.



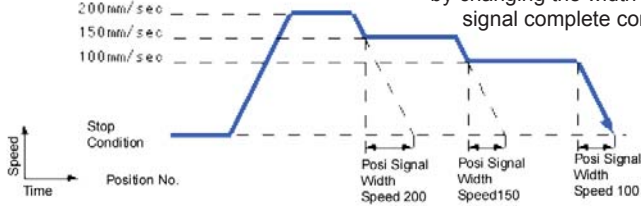
Auto max. acceleration

Ultimate acceleration can be set for the condition (load, speed) automatically and then the deceleration can be programmed.



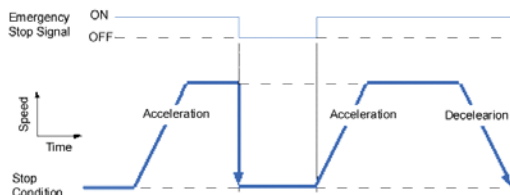
Speed profile

Flexible speed profiles can be programmed by changing the width of the signal complete condition



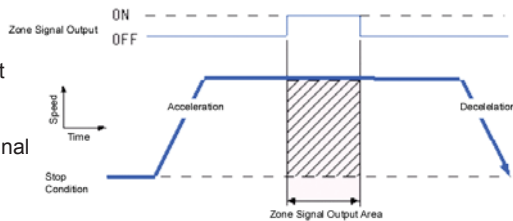
Emergency stop

In case of Emergency stop input, all movement stops, but the program can continue after the Emergency stop is cleared.



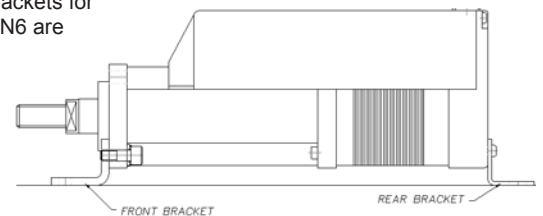
Zone signal output

The Mechatronics Cylinder can be programmed to energize an output when it is in the desired zone. Duration of the signal can be specified.



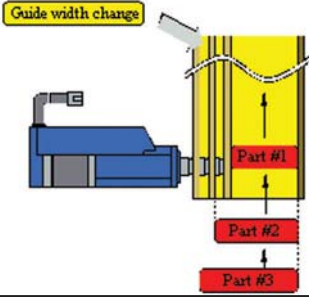
Mounting Brackets

Metal angle brackets for SCN4 and SCN6 are available.

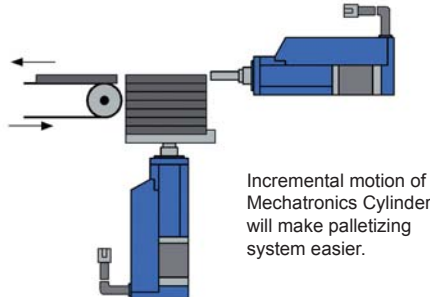


Application Examples : By using Mechatronics Cylinder, the flexible system may be built easily without extra cost.

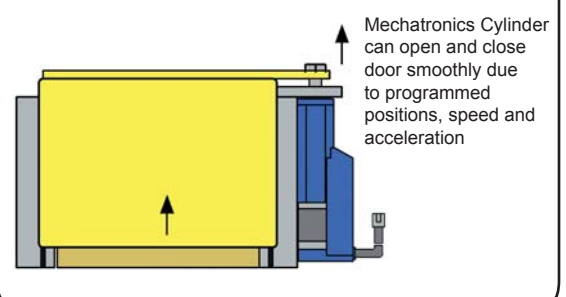
Guide rail width change



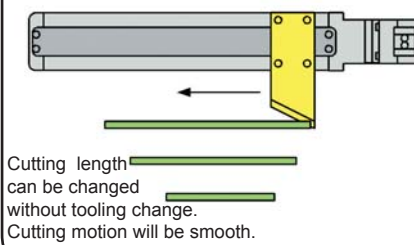
Palletizing/De-palletizing



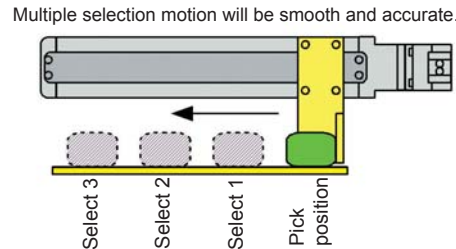
Door operation



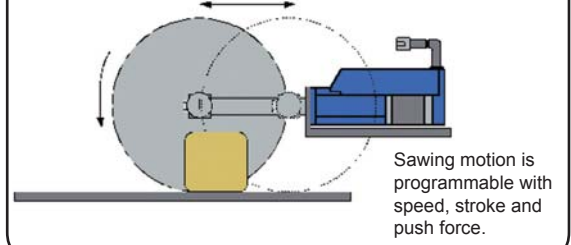
Cutting tool



Selection tool

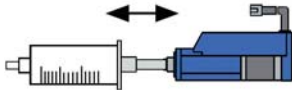


Sawing tool



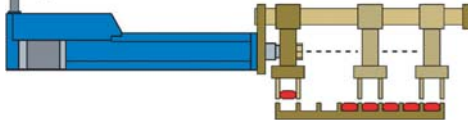
Reciprocating pump

Pumps can be programmed with volume stroke, acceleration for smooth and high speed dispensing



Palletizing P&P

Increment function will make palletizing P&P system programming easier.



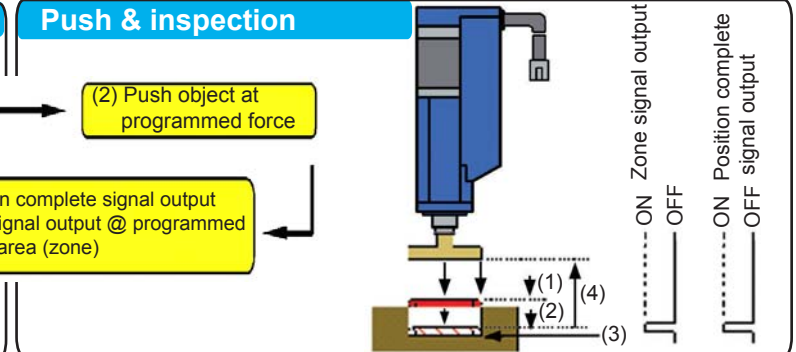
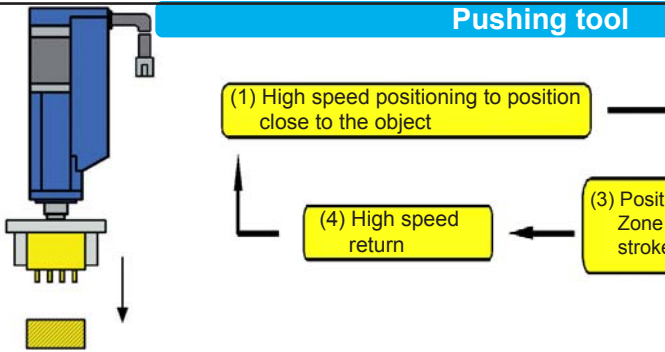
Bottle guide height change

Bottle guide height can be moved to programmed position at low cost.



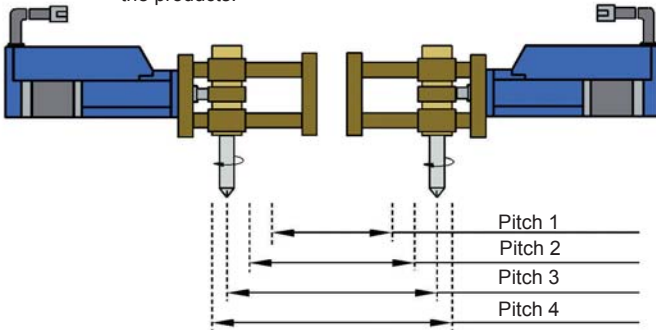
Pushing tool

Push & inspection



Screw driver pitch change

Screw pitch can be changed corresponding to the products.



Zone signal inspection

If Mechatronics Cylinder is programmed with zone signal with parts size tolerance, parts size inspection can be done.

