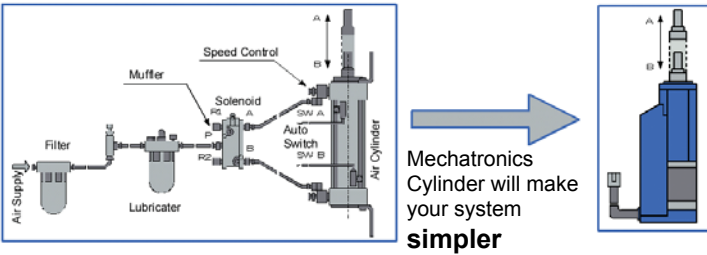


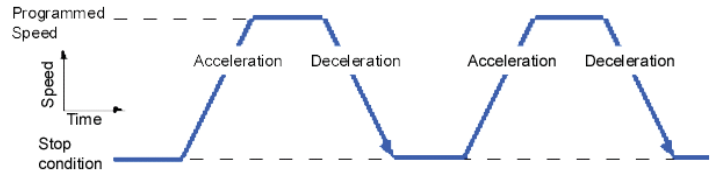
## Application Notes

### Much simpler than Air Cylinder

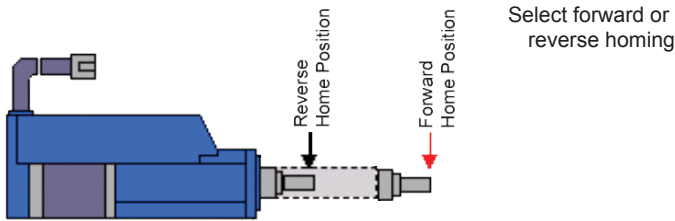


### Standard positioning

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

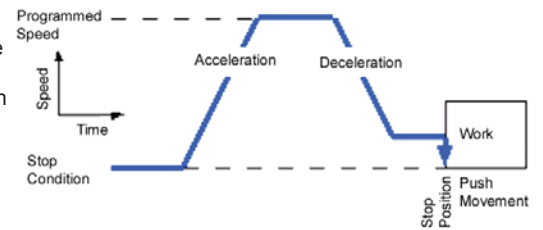


### Homing direction change



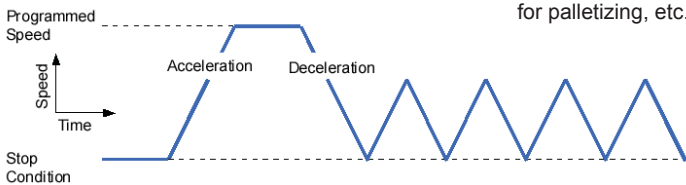
### Push force mode

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



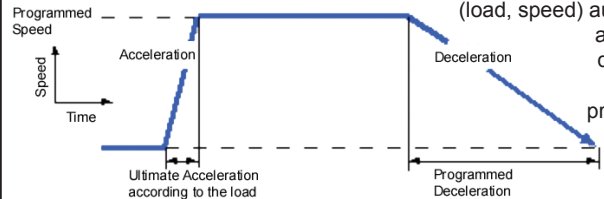
### Incremental movement

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



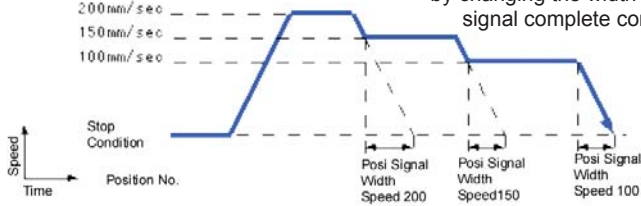
### Auto max. acceleration

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



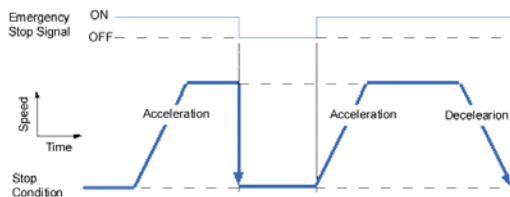
### Speed profile

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



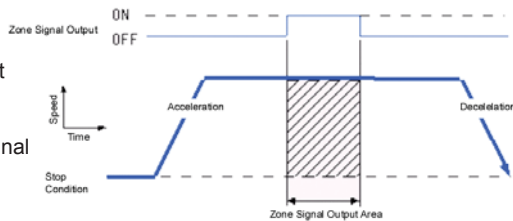
### Emergency stop

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



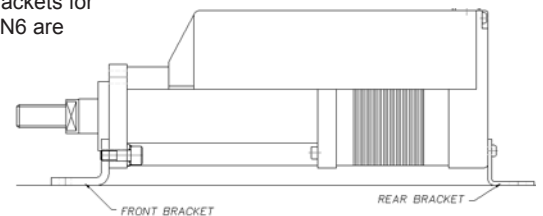
### Zone signal output

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



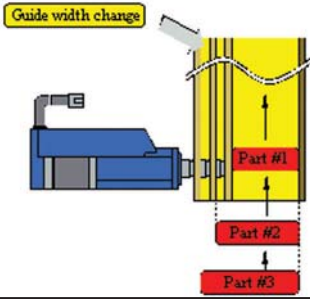
### Mounting Brackets

Metal angle brackets for SCN4 and SCN6 are available.

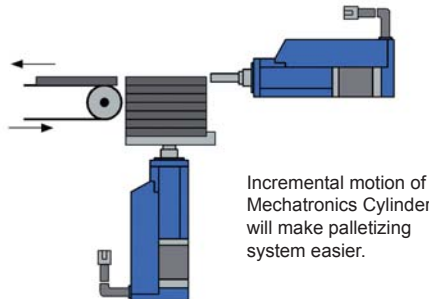


**Application Examples :** By using Mechatronics Cylinder, the flexible system may be built easily without extra cost.

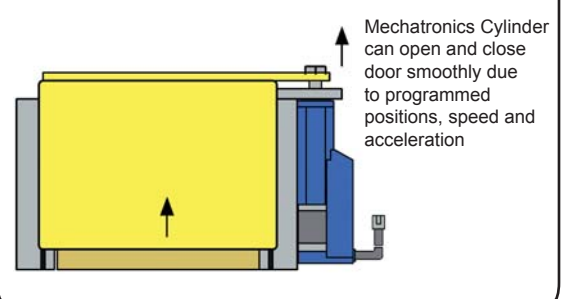
### Guide rail width change



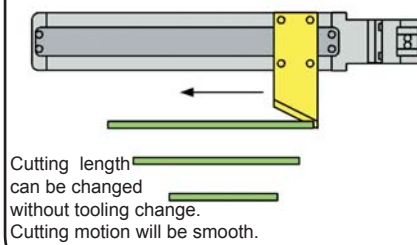
### Palletizing/De-palletizing



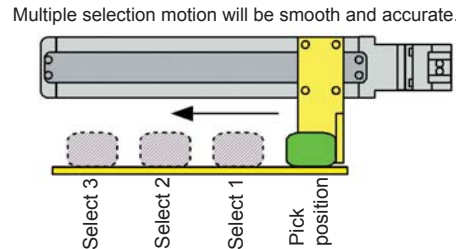
### Door operation



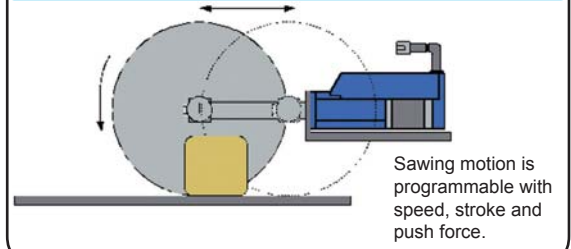
### Cutting tool



### Selection tool

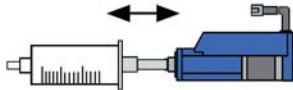


### Sawing tool



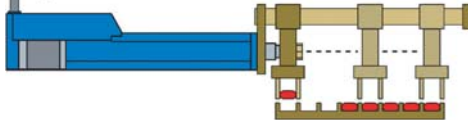
### Reciprocating pump

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



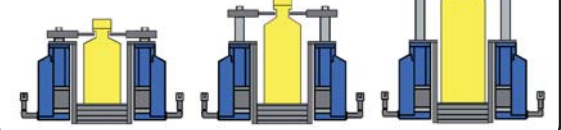
### Palletizing P&P

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



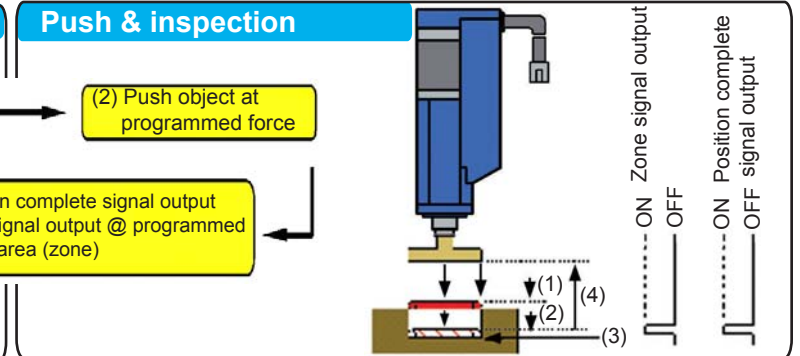
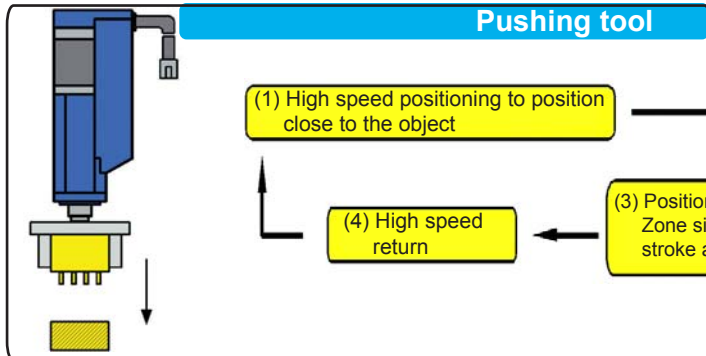
### Bottle guide height change

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



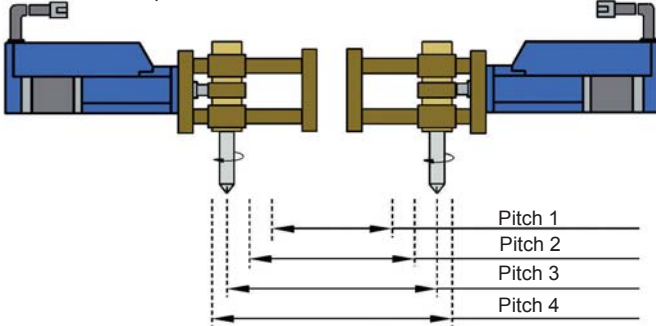
### Pushing tool

### 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.

