

FLOW DRIVER

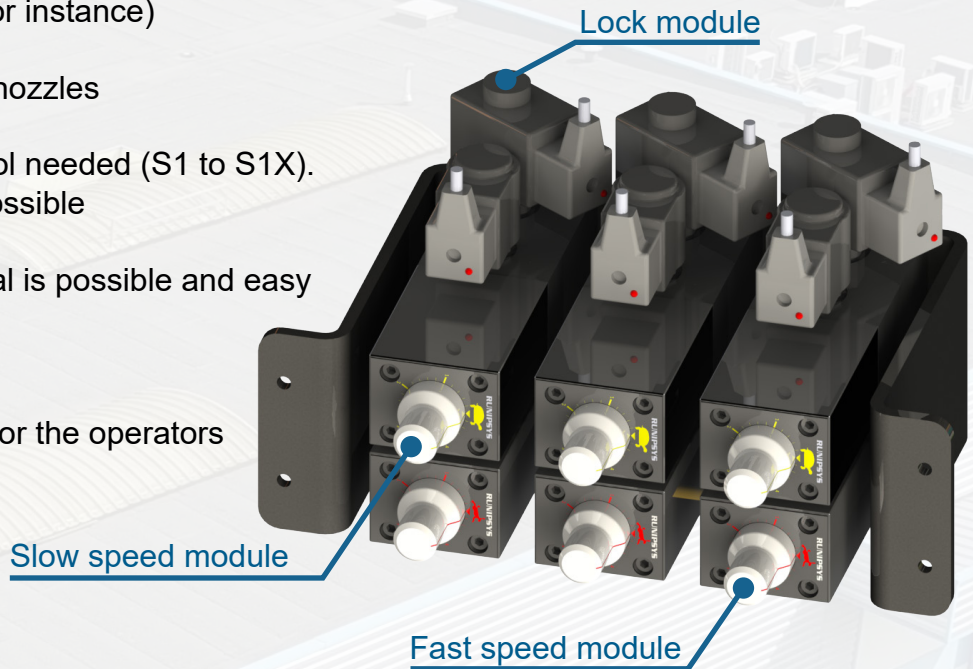
«A LA CARTE» technology



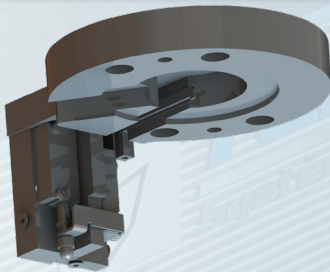
Product Highlights

- The solution : a flexible and cost effective approach to demanding cosmetic applications
- Upgrade existing or future standard sequential hot runners only if necessary (after first trials for instance)
- Apply technology only on needed nozzles
- Select the level of pin speed control needed (S1 to S1X). Individual gate level selection is possible
- Moving back to standard sequential is possible and easy
- No need for a special controller
- Keep a well known user interface for the operators

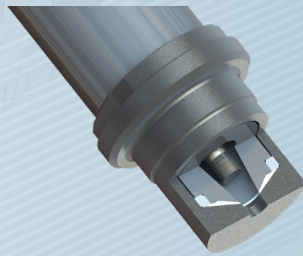
Flow DRIVER®



Content



Linear sensor

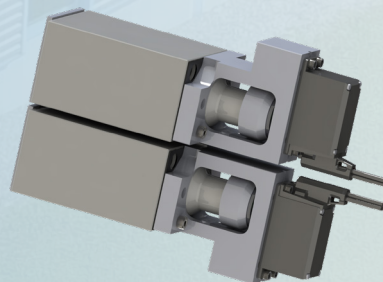


Progressive gate

MECHANICS



Multispeed module



Remote servo

HYDRAULICS

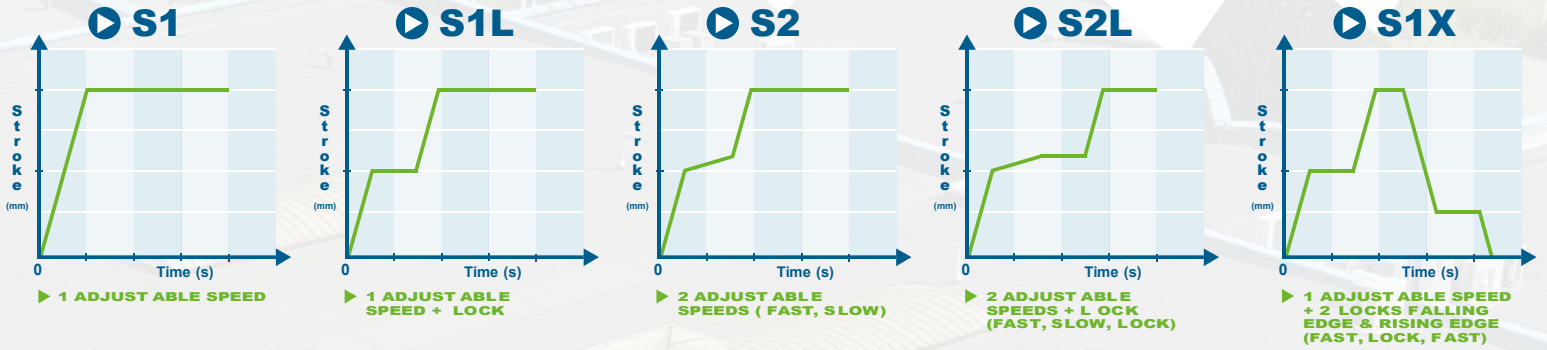


FLOW DRIVER

«A LA CARTE» technology



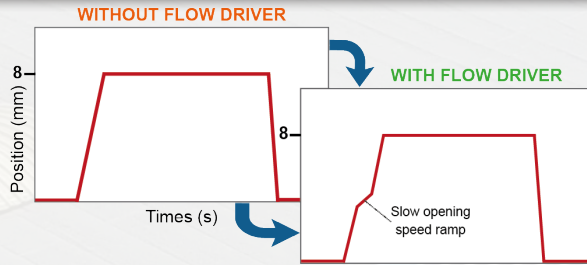
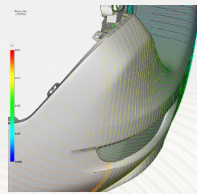
Series



Flow Driver applications

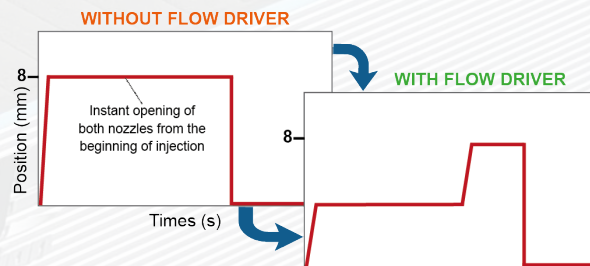
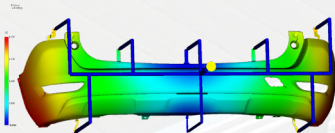
Eliminate acceleration lines :

Eliminate the sudden acceleration of the flow front in sequential systems by briefly slowing the opening of the valve pin.



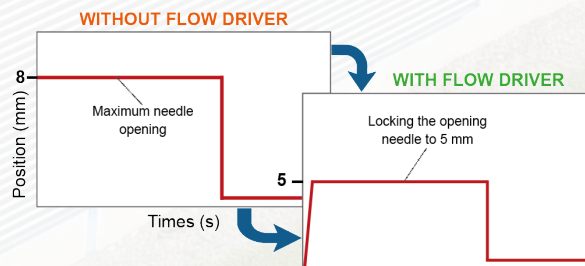
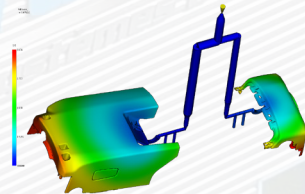
Relocated weld lines :

Slow the flow fronts of intersecting gates to relocate the weld line by locking the valve pin partially open.



Optimize flow balance :

Fine tune the flow rate to smaller cavities in a family tool and balance the filling of the cavities by locking the valve pin partially open until the packing phase.



Eliminate pressure lines :

Reduce the gate to gate material interaction to eliminate pressure lines by locking the valve pin partially closed during the packing phase.

