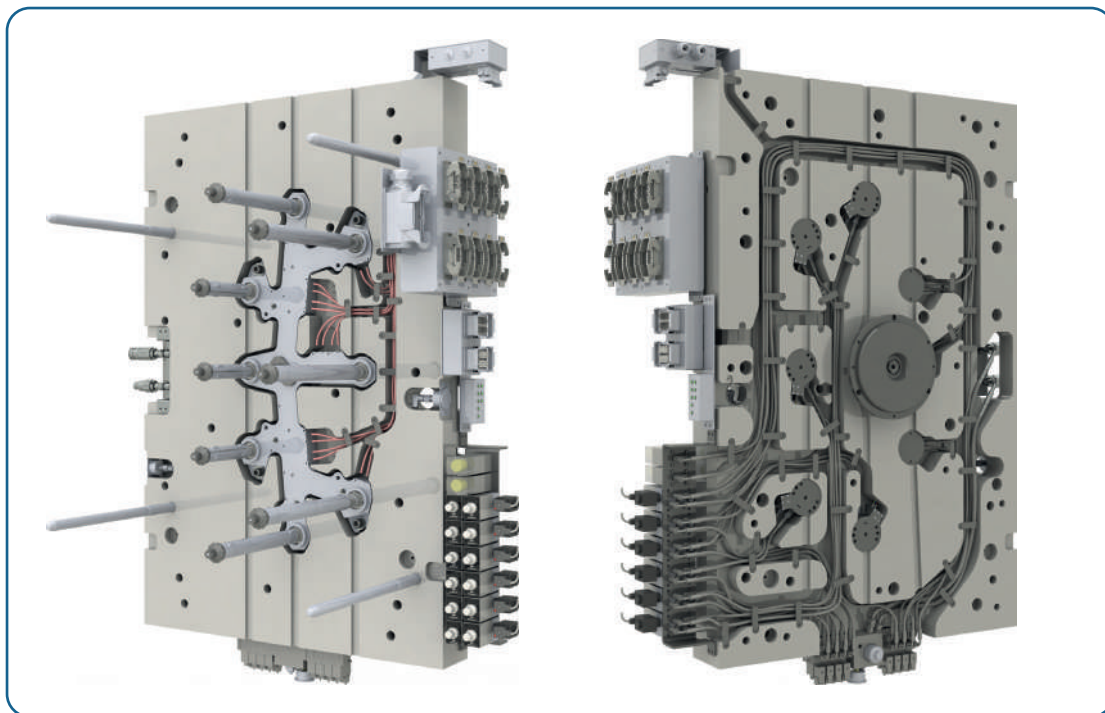


Hot half solution for plug & play and sequential hot runner systems.
Modulflow is a self-contained third part of the mold which includes the mechanical, thermal and hydraulic / pneumatic components.

PRODUCT HIGHLIGHTS

- ✔ **Compact thickness** : 105 mm to 150 mm (4.134" to 5.905") with clamping plate included and **maximum mold support**
- ✔ No cooling required on hot half plates
- ✔ Protected and separated electric and hydraulic components
- ✔ Nozzle tip, valve pin and bushing indexed (will always be in accurate position)
- ✔ High performance tip technology for aesthetical or glass fiber reinforced parts
- ✔ Available in hydraulic 100 bar, 50 bar and pneumatic
- ✔ Easy assembly and maintenance including guide pins
- ✔ Cylinders are in-line with nozzles



OPTION

Many standard solutions have been developed to suit all injection situations:

- | | |
|---|--|
| <ul style="list-style-type: none"> - 2k molds - Flow Control - Flow Driver | <ul style="list-style-type: none"> - Lateral injection - Fast color change - Increase L/Z ratio |
|---|--|

Designed to provide high performance injection in a compact environment.
MODULFLOW is available in 2 sizes: Class 1 & Class 2.

CLASS 1

NOZZLE A:

Ø 22 & 24 mm
 Needle Ø 8 mm
 Gate Ø 8 mm

NOZZLE B:

Ø 16, 18, 21 mm
 Needle Ø 6 mm
 Gate Ø 4, 5, 6 mm



MANIFOLD:

Ø 8, 10, 12, 14, 16,
 18, 20, 22 mm

NOZZLE C:

Ø 10, 12, 14 mm
 Needle Ø 5,5 mm
 Gate Ø 2, 3, 4 mm

CLASS 2

MANIFOLD:

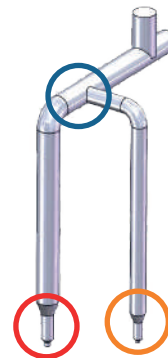
Ø 8, 10, 12, 14 mm

NOZZLE C:

Ø 8, 10, 12, 14 mm
 Needle Ø 5,5 mm
 Gate Ø 2, 3, 4 mm

NOZZLE D:

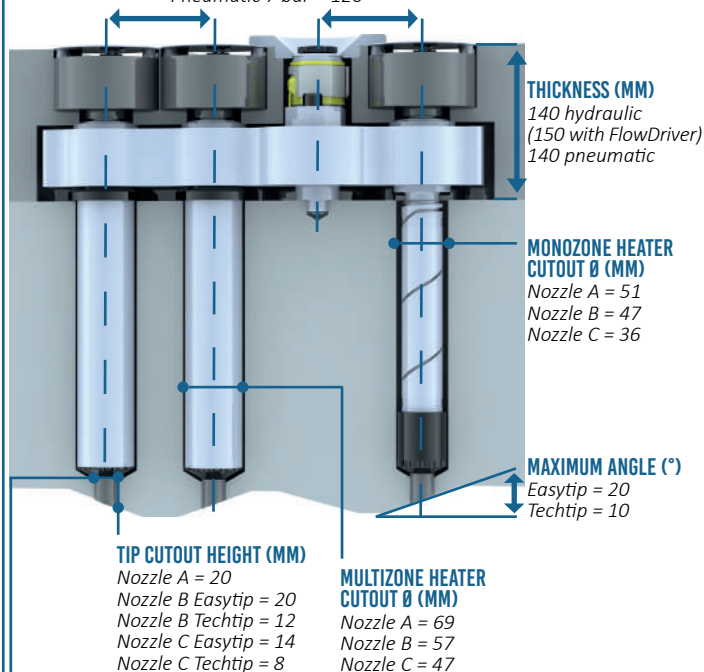
Ø 8, 10 mm
 Needle Ø 5,5 mm
 Gate Ø 1.2, 2 mm



CLASS 1

MINIMUM PITCH DISTANCE (MM)

Hydraulic 100 bar = 100
 Hydraulic 50 bar = 110
 Pneumatic 7 bar = 120



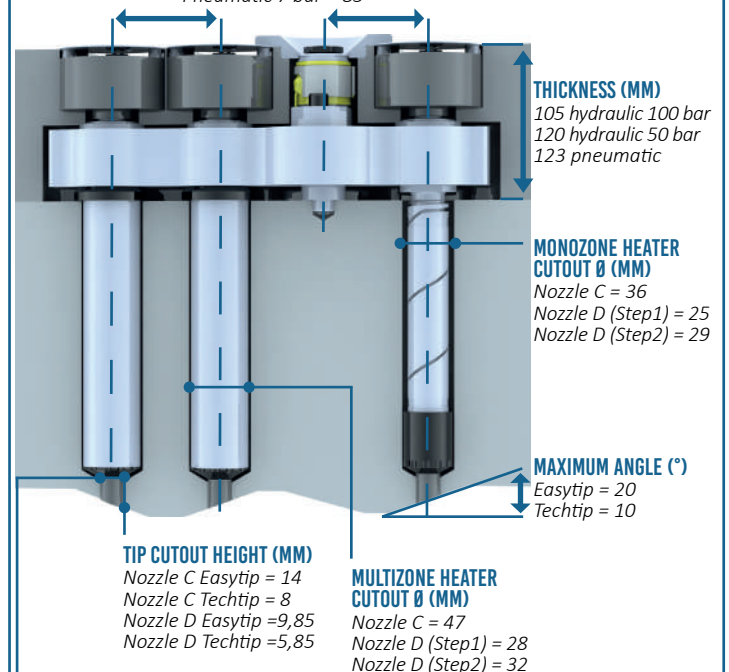
TIP Ø (MM)

Nozzle A = 28
 Nozzle B = 22
 Nozzle C = 15

CLASS 2

MINIMUM PITCH DISTANCE (MM)

Hydraulic 100 bar = 75
 Hydraulic 50 bar = 100
 Pneumatic 7 bar = 85



TIP Ø (MM)

Nozzle C = 15
 Nozzle D = 11