

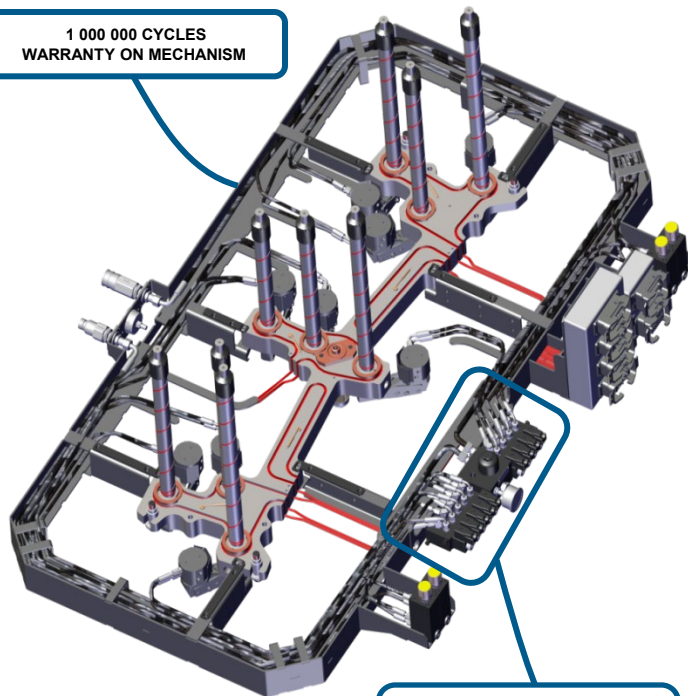
## CABLETRUNK SOLUTION FOR SEQUENTIAL HOT RUNNER SYSTEMS

OPTIMAX IS A PREWIRED, PREPIPED SYSTEM WHICH INCLUDES THE MECHANICAL, THERMAL AND HYDRAULIC / PNEUMATIC COMPONENTS

### PRODUCT HIGHLIGHTS

- ✦ CYLINDERS ARE OFFSET WITH NOZZLES : NO COOLING REQUIRED
- ✦ MAXIMUM MOLD SUPPORT (OUTSIDE MOLD CAVITY CABLE TRUNK DESIGN)
- ✦ COMPACT THICKNESS : 125 MM (4.921" )
- ✦ EASY ASSEMBLY AND MAINTENANCE WITH RIGID CABLETRUNK + COLUMNS OPTION
- ✦ NOZZLE TIP, VALVE PIN AND BUSHING INDEXED (WILL ALWAYS BE IN ACCURATE POSITION)
- ✦ SUPERIOR RHEOLOGY INSIDE THE MANIFOLD : FREE MANIFOLD SHAPE
- ✦ HIGH PERFORMANCE TIP TECHNOLOGY FOR AESTHETICAL OR GLASS FIBER REINFORCED PARTS
- ✦ 100 BAR, 50 BAR AND PNEUMATIC

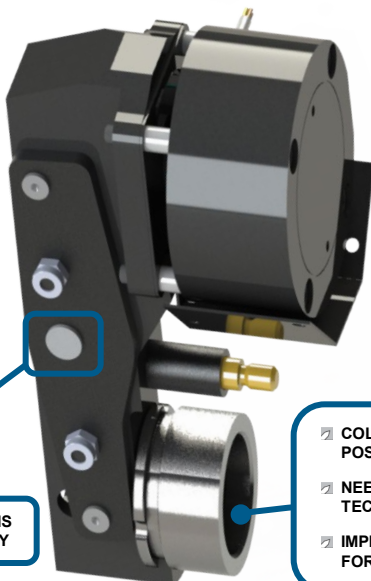
1 000 000 CYCLES  
WARRANTY ON MECHANISM



HYDRAULIC ELECTROVALVE  
INCLUDING : OIL FILTER, LED,  
PRESSURE REGULATOR,  
MANOMETER

### VERSION 3.0

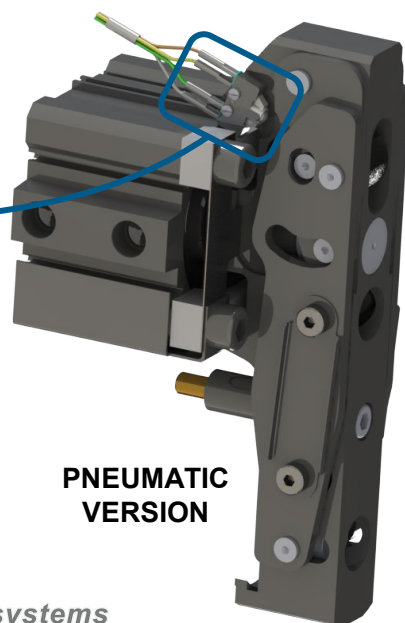
DESIGNED FOR TECHNICAL MATERIALS  
DESIGNED FOR COLOREX OPTION



NEW CERAMIC, NO WEAR AXIS  
1 000 000 CYCLES WARRANTY

POSITION SENSOR

- ✦ COLOREX PLUG IMPLEMENTATION POSSIBLE
- ✦ NEEDLE GUIDE DESIGNED FOR TECHNICAL MATERIALS
- ✦ IMPROVED SEALED NEEDLE GUIDE FOR PP



**PNEUMATIC  
VERSION**

## RHEOLOGY : STANDARD DIAMETERS TO SUIT ALL INJECTION NEEDS

### NOZZLE A

- Ø 22 AND 24 MM
- NEEDLE Ø 8 MM
- GATE Ø 8 MM

### MANIFOLD

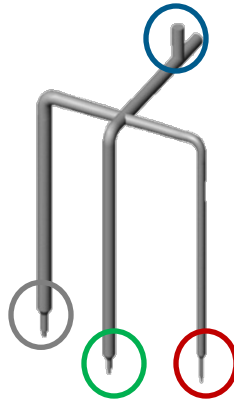
- Ø 8, 10, 12, 14, 16, 18, 20, 22 MM

### NOZZLE B

- Ø 16, 18, 21 MM
- NEEDLE Ø 6 MM
- GATE Ø 4, 5, 6 MM

### NOZZLE C

- Ø 10, 12, 14 MM
- NEEDLE Ø 5,5 MM
- GATE Ø 2, 3, 4 MM



## TOOL INTEGRATION : COMPACT DESIGN

### MANY STANDARD SOLUTIONS HAVE BEEN DEVELOPED TO SUIT ALL INJECTION SITUATIONS

- ❑ LONG GLASS FIBER MATERIAL (LGF)
- ❑ TECHNICAL MATERIALS
- ❑ 2K MOLDS
- ❑ FAST COLOR CHANGE : COLOREX TECHNOLOGY
- ❑ FLOW CONTROL / FLOW DRIVER
- ❑ UNFAVORABLE L/Z RATIO
- ❑ LATERAL INJECTION
- ❑ WOOD OR TEXTILE OVERMOLDING

162,5 MM (HYD 100 BAR)  
190,5 MM (HYD 50 BAR)

MINIMUM PITCH DISTANCE (MM) = 70  
EXCEPT NOZZLE A MULTIZONE = 80

