RUNIPSYS Europe S.A.S. Savoie Hexapôle – 35 rue Sommeiller - 73420 Méry – France

OPTIMAX

DATASHEET PRODUCT

Cabletrunk solution for sequential hot runner systems optimax is a prewired, prepiped system which includes the mechanical, thermal and hydraulic / pneumatic components.

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Hot runner systems

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

VERSION 3.0 → Designed for technical materials & designed for Colorex option

Specialists in sequential hot runner systems

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Rheology : standard diameters to suit all injection needs

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

Tool integration : compact design

Many standard solutions have been developed to suit all injection situations

- Long glass fiber material (lgf)
- 2k molds
- Flow Control, Flow Driver
- Lateral injection
- Technical materials
- Fast color change
- Unfavorable l/z ratio
- Wood or textile overmolding

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