



pro **COMPACT VG**

**The new valve gate generation
with compact manifold technology**

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As compact as ever – only better than before

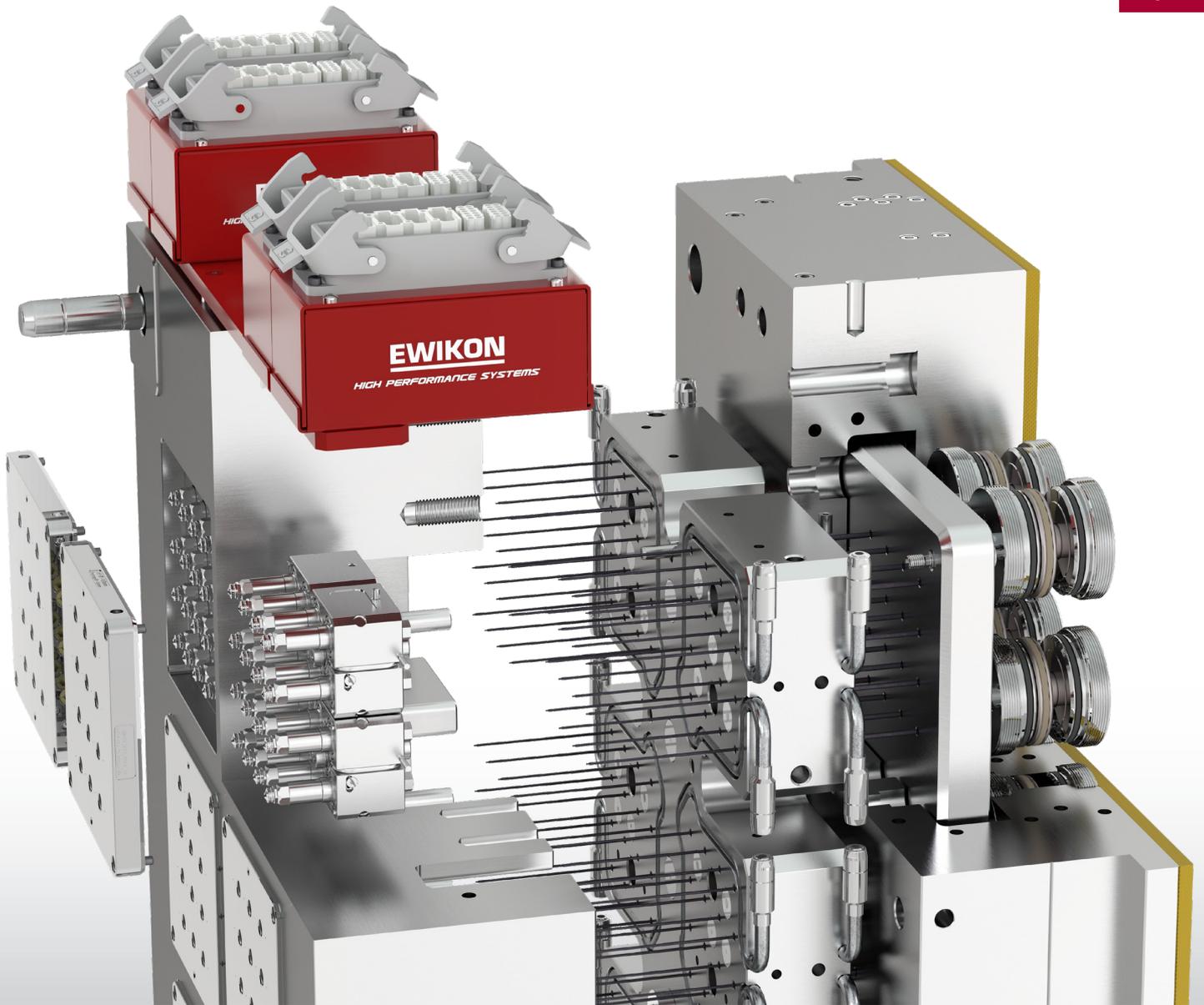
Compact valve gate system with maximum process reliability. The pro COMPACT VG valve gate system is the first choice for extremely high-cavity applications with very compact and stable moulds that require the highest injection point quality. The system is particularly suitable for high-cavity mould concepts with small shot weights.

- + Valve gate technology**
 - No stringing and therefore best gate quality
 - Highest quality

- + Optimal valve gate process**
 - Faster cycle times
 - Higher productivity

- + Small number of control zones**
 - Reduced investment and lower operating costs
 - Compact size
 - Economic efficiency

- + Simplified maintenance process**
 - Easiest replacement of nozzle tips
 - Maximum ease of maintenance



Your Benefits

■ Highest quality

- Process stability
- Optimal results
- Top product quality

■ Higher productivity

- Higher output
- Improved balance
- Economic benefits

■ Reduced costs

- More cavities per m²
- Lower investment costs
- Saves energy costs

■ Maximum ease of maintenance

- Shorter machine downtimes
- Less manpower efforts
- Efficient work processes

Typical Applications

Pharma



Nasal spray cap

Medical



Insulin needle cap

Packaging



Screw cap

Standardised design

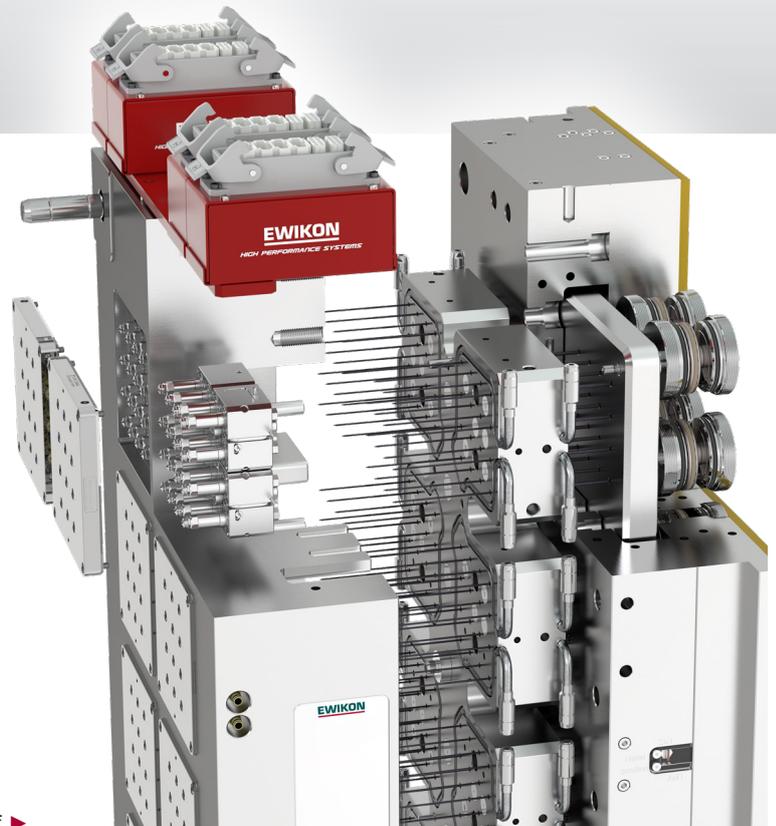
High-cavitations mould designs are based on standardised 16-drop clusters with 4 compact manifolds each.

The cooling supply with transition to the mould inserts is directly integrated into the hot half. This facilitates the layout of the cavity cooling.

Complete hot halves are available in the following versions:

16-drop 32-drop

64-drop 128-drop



128-drop hot half ►

<i>pro COMPACT VG</i>	Hot half 16 cavities	Hot half 32 cavities	Hot half 64 cavities	Hot half 128 cavities
Nozzle pitch (S)	30	30 (+ cluster distance)	30 (+ cluster distance)	30 (+ cluster distance)
Min. dimensions (mm)	296 x 296	296 x 496	496 x 546	496 x 896
Total height (mm)	287	287	320	320
Nozzle overlap to the pocket	16.5			
Gate diameters	0.8 - 1.5			
Minimum shot weight (g)	0.05			
Materials to be processed	On request			

Compact and stable mould design

With only one control zone per compact manifold the amount of cables and thus the space in the manifold frame plate which is required for wiring of the system is considerably reduced. Therefore, mould designs with compact manifold technology are not only particularly space-saving but also very stable.

The pro COMPACT VG system guarantees a fully balanced flow channel layout for optimised part quality.



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