



MAXIMUM FUNCTIONAL INTEGRATION, MORE PERFORMANCE, LOW COSTS

The new Handtmann TOP-HAT rear subframe

The new Handtmann TOP-HAT rear subframe stands out thanks to its innovative concept and the avoidance of complex assembly steps.

With the lightweight construction achieved by using high-pressure die casting, Handtmann shows that there are other ways to realize performance-oriented and cost-efficient assemblies than through standard steel solutions alone.

The one-piece, die-cast design, which is based on calculations using topology-optimized geometry, meets the highest requirements for a reliable and high-volume production process. In addition, it enables both a reduction in weight and improved component performance through its impressive concept.

The benefits

- One-piece, die-cast upper shell
- Lightweight construction thanks to the use of aluminum and hollow-section inserts
- Cost-efficient concept
- Outstanding component performance in terms of stiffness, strength, and NVH (noise vibration harshness)
- Market innovation
- Maximum functional integration
- Topology-optimized geometry
- Low-distortion heat treatment
- Short process chain
- No thermal joining processes