

PoP Centre News

No 1

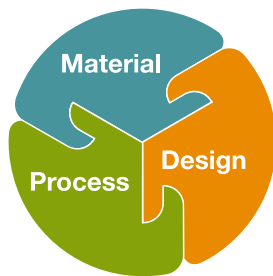
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Introducing the Power of Powder Centre

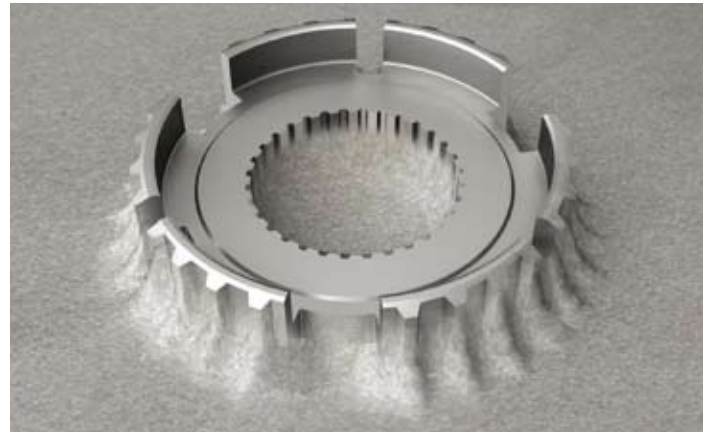
The countdown has begun to the opening of the Power of Powder (PoP) Centre in Höganäs on October 15. This is the first in a series of newsletters that will give you an inside look at the new services on offer to customers.

“The PoP Centre sends a message to the market about the strong commitment of Höganäs to promote the competitiveness of metal powder technology and to support our customers in new application development projects,” says Eckart Schneider, Marketing Manager PM Components.

“The new equipment and facilities at the Centre will help us to better focus our efforts on meeting our customers’ needs and to better understand end-user application performance requirements. We will be able to simulate “real life” customer process conditions to increase our overall knowledge of how powder **material** concepts, **process** conditions and components **design** aspects combine successfully.



The key idea is to support customers in identifying and converting new PM opportunities more effectively. We will not only be able to support customers in metal powder selection, performance-relevant design and material processing, but also supply them with rapidly prototyped ready-to-test components. By providing these tools, we can help to reduce time, costs and risks for both our customers and end-users in the development of new applications and thus shorten time to market.”



The PoP Centre includes new elements such as a state-of-the-art multi-level Dorst 800-ton CNC compaction press, an advanced Mazak lathe for machining tests, FEA/CAD- capabilities for design optimization and a Haas 5-axis CNC machining centre for CAM rapid prototyping.

By combining these elements with our existing press /sintering capabilities and material/component testing facilities, and utilizing close cooperation with leading PM equipment and tool manufacturers, the centre will offer new comprehensive component and process development services – from application concept stage to finished prototype.

“It may surprise some people that we are going beyond our material competence to offer such a range of services, but I would like to stress that we are not aiming to capture business in these areas. If we are to support our customers more effectively in application and process development, we have to adopt a holistic approach and that means understanding more about areas such as design, compaction, sintering and machining. We can then give our customers valuable information that is relevant to component performance requirements and our customers processing conditions,” concludes Eckart Schneider.

