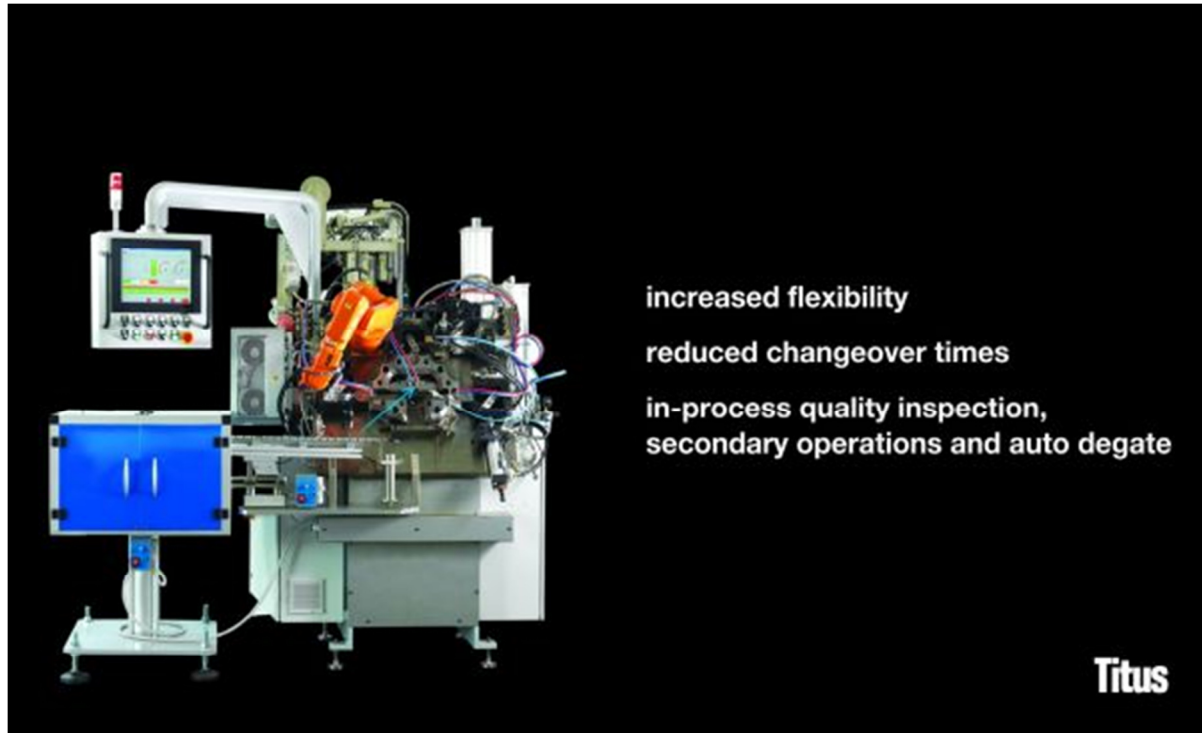


Titus Die Cast Technologies improves machine capability with the integration of robotics into the multi-slide die cast process



Titus Die Cast Technologies has upgraded its unique LamaCaster multi-slide die casting machines by the integration of a robotic arm. All LamaCaster and Lama CombiCaster and wheel balance weight machines have the option of being fitted with a robotic unit. The integration of the robotic arm solution is ideal for all production environments and adds a new level of functionality to the die casting process. On the wheel balance weight machines, for example, the robotic arm is used to pick and insert a wide range of clip types and sizes eliminating the need for complex standard feed elements and dramatically improving changeover times between differing parts.

The use of robotics is an ideal solution for producers of over-moulded components or complex parts requiring careful handling and inspection. The robotized unit is able to work with a multitude of insert shapes and positions. It is able to accurately place the most delicate quality sensitive inserts into the tool and remove them without damage. In addition robotic arms can be utilised for in-line quality inspection or secondary finishing operations such as auto-degating, thereby eliminating the need for finishing operations.

The use of robotics with the multi-slide die casting machine will bring a new dimension to the die cast process!
[More about Titus Die Cast Technology >>](#)

See the innovative features of the cost effective zinc over-moulding process at MIDESE 2011 in Paris (France), from 15 – 18 November in Hall 6, stand 145.