

# Die Casting Machine

Pressure die casting is a competitive casting method when the components are needed at high volumes or when better tolerances and surface finish are required than can be achieved by gravity die casting. The need for machining is very low due to the close casting tolerances. Heat treatment of pressure die casting is not possible but due to the high rate of solidification the mechanical properties are good. The tooling costs are considerably higher than for gravity die casting.

Important applications are found in the components for mobile telephone base stations and certain mobile telephone applications. The more important reasons for using light metal casting are low weight, mechanical strength, stiffness and electrical properties. Other applications are e.g. components for the power transmission line in the vehicle industry and electronics industry.



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