Hycast® Casthouse Technology
– Casting Technology for Extrusion Billets when surface and flexibility matters

The Hycast® LPC (Low Pressure Casting) Billet Casting Technology is designed for the production of high quality extrusion billets with excellent surface quality and extrudability. Hycast® LPC gives you a billet with a unique and step change surface quality. Hycast® LPC Billet Casting Technology is ideal for production of larger diameters and hard alloys.

Hycast® LPC - Characteristics

• Diameter range proven 127mm-520mm (5”-20.5”)
• Suitable for 1xxx, 2xxx, 3xxx, 4xxx, 5xxx, 6xxx, 7xxx and 8xxx
• High pit utilization due to optimized mould arrangement
• High productivity and pit recovery
• Narrow and lean inverse segregation zone
• A higher homogenizing temperature may be used to higher melting point of the surface material - potential of shorter homogenizing time/increased capacity
• Mould height can be optimized for different alloys
• A fully automated casting sequence can be obtained by combining the Hycast® Billet Casting Systems with the Hycast® CCS