

GC

Environmental fact sheet



The Hycast® GC (Gas Cushion) Billet Casting Technology is ideal for production of high quality extrusion billets with excellent surface quality and extrudability. The system is proven worldwide over more than two decades in casthouses owned by Hydro Aluminium and its partners. Diameter range 120mm - 405mm (5" - 16"). Suitable for 1xxx, 3xxx, 4xxx, 5xxx, 6xxx and 8xxx alloys.

Hycast® GC – Environmental data

- Carbon footprint, cradle-to-gate: 1.5 tCO₂e/ton drop weight capacity (typical)
- No direct climate emissions during operation
- Casting oil consumption: 15 ml/mt billet (typical)
- Electrical power consumption: 0.4 kWh/mt billet (typical)
- Net cooling water loss: 0.4-0.45 m³/mt billet
- Expected lifetime of main equipment: >20 years