



Lapicida Stone

Case Study

Parker Hyperchill System Installation

Knaresborough-based Lapicida were established in 1984 and are now recognised as the world's leading international stone specialist.

Lapicida import the finest luxury natural stone from around the world, then their craftsmen create stunning stone tiles and objects to be delivered anywhere world-wide.

Everything from classic French limestone to fine Jerusalem stone, rare antique reclaimed stone to magnificent marble flooring and stone objects of desire.

COMPANY
PROFILE

Business Situation

Lapicida use cold water to provide precision cooling during stone cutting and shaping. The water is supplied from water tanks to cool the vacuum system which "sticks" stone to a bed prior to being worked on. This process was generating temperatures above boiling point and used a constant flow of fresh water.

Solution: Hyperchill 007 water Chillers

Installation of 2 new Parker Model 007 Hyperchill machines, each having a water flow rate of 1.3 gallons per minute. The chillers recirculate chilled water from tanks to cool the vacuum system.

Designed specifically for industry, Hyperchill Process Water Chillers are the new range of precision water chillers by Parker.

The range covers cooling capacities from 2 to 360 kW. Each model is designed for safe and reliable operation, whatever the working condition.

Industrial processes are very diverse by nature, consequently flexibility to satisfy all industrial applications is a main feature of Hyperchill Process Water

Chillers.

Thanks to sophisticated technical solutions and an extensive range of accessories, Hyperchill Process Water Chillers operate continuously and efficiently whatever the conditions. All models standardly accept water inlet temperatures up to 86°F (30°C) and water outlet temperatures down to 0°F (0°C), with a delta of up to 59°F (15°C); ambient temperatures down to -49°F (-45°C) are permitted. Working pressure: 8bar

Lapicida's Production Manager, Milo Cherrington, is impressed with the performance of the Hyperchills and said: "The two machines recommended and supplied by Thorite are performing perfectly and have contributed significantly to both increasing our production efficiency and reducing our carbon footprint. Environmentally Lapicida aspires to be carbon neutral and self-sufficient energy wise, and the Hyperchills fit well with these aims."



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