



DAWSON

INNOVATIVE PILING EQUIPMENT

HPH1200 Job Example – Shek O Quarry Casting yard, Hong Kong



Main Contractor: Kumagai Gumi Company Limited

The job site was the casting yard for immersed concrete tubes that were subsequently floated out to sea and positioned to form the dual 3-lane carriageway of the Western Harbour Crossing Project. The immersed tubes were cast at quarry level below principal reference points. The sheet piles installed formed a curtain wall to hold back the seawater seeping into the casting yard.

After experimenting with various piling hammers the sub-contractor, Sun Lik Engineering Company, decided on the Dawson HPH1200. This hydraulic piling hammer, which had the great advantage of being able to drive the Larssen 3 sheet piles in singles as well as in pairs, weighing in at only 3 tonnes, successfully drove the piles to level.