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The ABI Mobilram TM 13/16 features high torque, telescopic mast and stable base unit.

## Growing demand for multifunction rigs

PILETECH is now known as SFL/Piletech after a business merger. The combined group is one of the larger piling companies in Australia, and has won a significant portion of the sea wall remediation project at Cronulla Beach in Sydney.

The job presents a number of significant project management challenges including difficult site access, public

access management, environmental impacts from storms/tidal activity and constantly shifting sands.

The project required the removal of the existing failed rock basket structure, the construction of 700 grout piles, remediation of the existing sea wall and the establishment of a new capped wall at the base. ThyssenKrupp

Steelcom have worked with SFL/Piletech to supply the KL 3/4 steel sheet piles for the temporary cofferdam on the seaward side of the project and have supplied the new ABI 13/16 Mobilram fitted for grout piling to supplement piling capacity. The KL 3/4 is also suited to sand based applications offering a highly economical solution

with a section modulus of 276 cm, width of 700 mm and weight of 45.2 kg/m of wall.

Till recently, multifunction piling rigs were considered unwarranted by the Australian market but they are now in demand by large and small contractors alike. ThyssenKrupp Steelcom recognised the potential of the improved piling rig tech-

nology a few years back.

The rig's high frequency vibratory hammer attachment and better handling can increase productivity by up to three times. Set-up time and demobilisation for the ABI rig is also less and the unit requires half the personnel takes less space compared to a crane, power pack, hoses and hammer.