

For further information regarding the services provided by Waeger Constructions please contact us at www.waeger.com.au.

D.I.Y. Concrete Pile Trimming

Concrete pile breakers eliminate the need for jack-hammer pile breaking. Pile breakers are easy to attach to an on-site excavator, crane or power pack and do not require special skills to operate.

Pile trimming no longer needs to be subcontracted out. Concrete pile breakers for square, round or octagonal piles enable any contractor with an excavator to trim their own piles. Pile breakers also dramatically increase productivity and safety when compared to conventional jack-hammer breaking.

Concrete pile breakers are increasingly being used in bridge construction. Construction contractor John Holland recently used a Type 314 pile breaker to trim 550mm octagonal piles in the building of a bridge over the Hunter River at Singleton in NSW.

The bridge spanned flood-plains as well as the river itself and was constructed in two sections. The extension over the flood-plains measured 245 metres, utilising 16 spans, and comprised a concrete trestle and plank construction that contained 81 octagonal pre-stressed driven piles.

The Type 314 trimmed between 800mm and 2.5 metres from the top of each pile effectively and efficiently.



The circular units are highly modular and easy to adjust to each pile diameter on-site. The units are capable of breaking round and octagonal piles ranging from 300mm to 1800mm diameter.

Victorian contractor, North-Vic Constructions, was sub-contracted by John Holland to build three of the six

bridges in the extension of the Calder Highway. North-Vic used a Type 4 and Type 5 unit to break square piles ranging from 350mm to 400mm in size. There are square concrete pile breakers suitable for breaking piles from 140mm to 500mm in size.

Most sites have an excavator. Concrete pile breakers enable contractors to make use of an excavator during its down time to perform a job that is usually subcontracted out.

For further information in relation to concrete pile breakers, sheet pile and pile driving hammers, contact Steelcom on (02) 9954 9166, www.steelcom.com.au.

Promise of quick bridge installation

Building bridges is often a complex process which can be not only costly, but can also cause disruption to traffic or other operations during construction.

French company, Matière, has entered the Australian market with a range of pre-cast concrete structures for bridge and tunnel that it says can be installed in a matter of hours or days rather than weeks or months.

Founded in 1932, the company develops, designs and installs proprietary pre-cast concrete structures such as bridges, culverts, tunnels and underpasses. It has licensed its patented technology to exclusive partners in over 20 countries worldwide, including the United Kingdom, Ireland, Japan and Malaysia.

The systems were invented in 1984 by Monsieur Marcel Matière, the current Managing Director of Matière SA, whose original idea was to cut transversally and longitudinally reinforced concrete structures to be pre-cast in elements that could be transported, assembled and connected on-site by ball-and-socket joints.

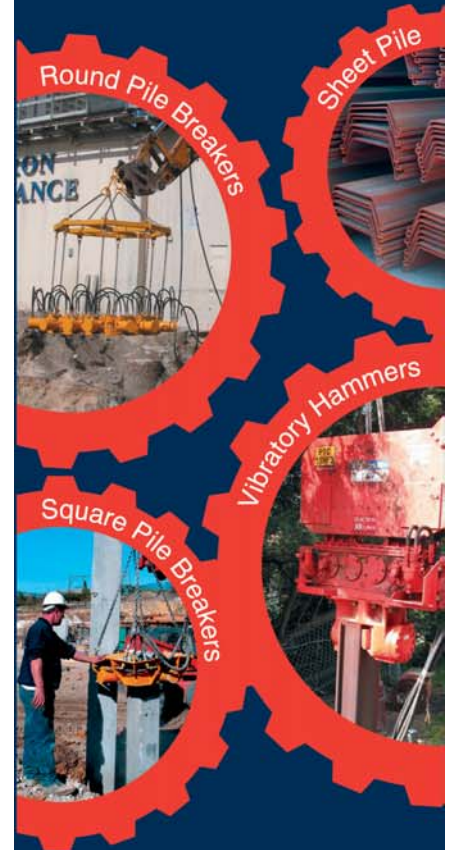
These systems are used for the design and construction of pre-cast engineering structures with spans ranging from 2.5 metres to 20 metres of clearance.

Almost 10,000 Matière structures have since been installed around the world including underpasses and overpasses (roads, highways, railways, airport tunnels); hydraulic structures (bridges, water storage tanks, sewer, outfall); underground rooms and shelters; and cut-and-cover tunnels.

With adequate and careful planning and coordination, a useable bridge can be installed within 48 hours. There have been instances in which installation has

Steelcom

CONCRETE PILE BREAKERS FOR HIRE AND SALE



- No more jack-hammer pile trimming.
- Break your own concrete piles.
- Increase productivity, safety and profit.

Steelcom also hire and sell "LX" sheet pile and pile driving hammers.

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