

Sheet Piling Capability

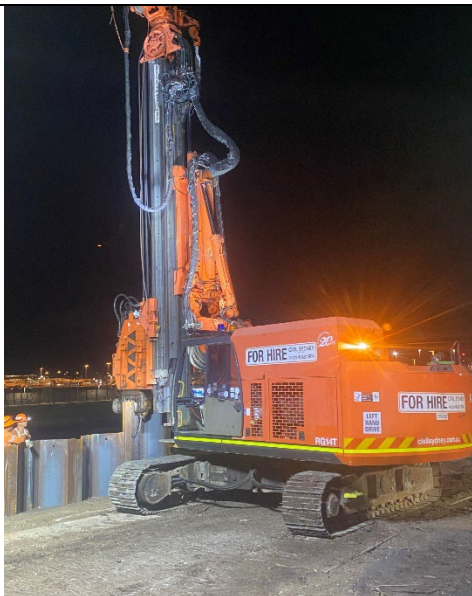
Over the past 25 Years Civil Sydney (CS) has established itself as one of the leading sheet pile contractors in Australia. We own & maintain one of the largest fleets of sheet piling equipment in the country including excavator mounted vibrators, sheet piling rigs along with crane & flying hammers. We are proficient in wide range of techniques including steel, vinyl & composite sheets, Along with installation we can also offer design & certification, supply of both permanent & hired sheets, excavation, and onsite structural fabrication to complement the piling works.

See below some of current sheet piling equipment.



Make & Model:	Bauer RG16T (2022)
Hammer:	MR145V Silent Vibro
Hammer specs:	Max Force: 1,450KN Max Speed: 2,150 RPM

Capabilities: The RG16T can pitch & drive piles up to 16m long fitted with The Bauer silent vibe system significantly reducing noise outputs from the variable frequency Hammer. Rig can be configured to driving, predrilling or CFA piling utilizing the Bauer ACS2 quick couple system allowing the operator to change between attachments from the cab unaided.



Make & Model:	Bauer RG14T (2007)
Hammer	MR70
Hammer Specs:	Max Force: 700KN Max Speed: 2,400 RPM

Capabilities: The RG14T can pitch & drive piles up to 14m in length as well as predrilling & CFA piling. The 14T constructed the largest Vinyl sheet pile project in the southern hemisphere with 5km of wall installed by CS at the Penrith Lakes Project, NSW

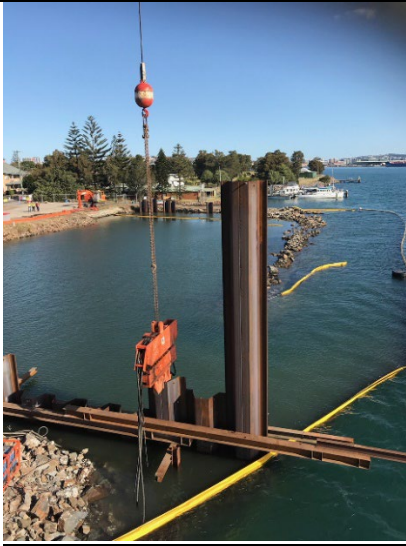
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Make & Model: Junttam PM20LC & Vibro Sledge (2018)

Hammer: Various (Both Vibro & Impact)

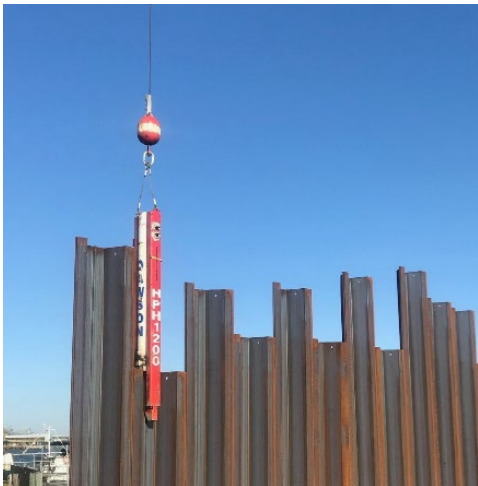
Capabilities: *The PM20LC can be converted to sheet pile installation using our FAV or other compatible hammers including fitment of the hydraulic system to the base unit. The Junttam can pitch & drive sheet piles up to 22m in length & with the Impact hammer can be used to drive sheet piles as well as vibrate*



Crane Mount (flying) Vibratory hammers

- **ICE 216** Vibratory Hammer & Powerpack – Eccentric Moment 12.7Kgm
- **ICE 416 L** Vibratory Hammer & Powerpack – Eccentric moment 25.3Kgm
- **FAV 44-200** Vibratory Hammer & Powerpack – Eccentric moment 50.7Kgm

Capabilities: *Our range of crane mount vibro hammers can be configured in both single and double jaw with 40m + hose sets. All run biodegradable oil making them compatible for marine applications*



Crane Mount (flying) Impact Hammers

- **Dawson 1200H** Hammer & Powerpack – Ram Weight 1.2t
- **Dawson 1800H** Hammer & Powerpack – Ram Weigh 1.8t
- **Junttam HHK3/5AS** Hammer & Powerpack – 3 or 5t Ram weight

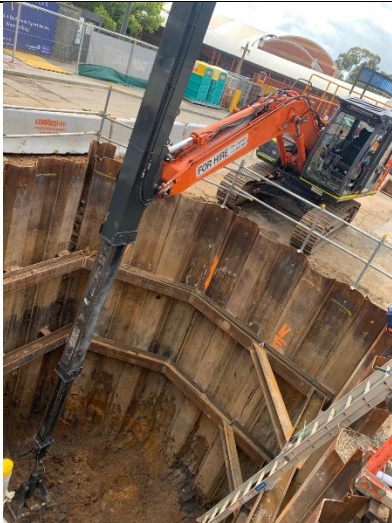
Capabilities: *Like the Vibro hammers these are configured with biodegradable oil & 40m hoses sets for driving of sheets in difficult conditions*

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Excavator Mounted Vibro Hammers (EMV)

Capabilities: We have a range of excavators 16 to 26t with compatible EMV's equipped for sheet pile install & removal. Plant can be provided on rubber tracks where required and we have even undertaken limited space projects using machines as small as 5t to install sheets with our EMV's



Clam Shell Grab – 10m

Capabilities: Our clam shell grab can be fitted to a 16 to 20t excavator to allow excavation to a depth of 10m. This is an ideal way to deal with deep excavations inside sheet pile shoring where conventional excavators will struggle to get to the depth with limited working room utilizing the hydraulic extension boom.

Some of our Work

