

Job Report

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ABI HVR 75

PROJECT SUMMARY

Client Abigroup Contractors
Project KCET Inbound Structures
Location Kooragang Island
Newcastle

ABI HVR 75

Hydraulic vibrators are the most widely used equipment for driving and extracting sheet piles, casings and profiles with excellent performance and precision.

SPECIFICATIONS AT A GLANCE

| | | |
|-------------------------------------------------|-------|---------------|
| Centrifugal force | kn | 500 |
| Static Moment | kgm | 7,5 |
| Hydraulic flow rate max | l/min | 260 |
| Dynamic Weight | kg | 1475 |
| Total weight | kg | 1975 |
| Weight of pile elements | kg | 707 |
| Dimensions | mm | 1805/1445/750 |
| <small>(Height (H)/Width (T)/Depth (B))</small> | | |



Abigroup Limited- Australia's major engineering and building construction, civil contractors with the largest earthmoving fleet of any contractor in Australia - has commissioned ThyssenKrupp Steelcom for the use of the ABI HVR75 excavator mounted vibro hammer to drive 8.5m sheetpiles.

ThyssenKrupp Steelcom also provided this project corner sections (Wall-Profile Omega 12) that were 11.8 m in length and 2 x 11.8 corner sections of 23.6 l/m. These wall profiles are suitable for connecting sheet pile walls erected from different directions.

Steve Cruwys, Abigroup Contractors Project Engineer is simply impressed, they were successfully driving 8.5m LX20 sheetpiles, toeing into 1m of very dense sand. Driving 25 sheets per day was more than he forecasted.

Mounted onto a Komatsu PC450 excavator, the HVR-75 enabled the contractor get more work out of less equipment by utilizing a machine that is

already on the job site rather than having to bring in another piece of machinery.

Additional advantages of the ABI HVR75 are: short start and stopping times, high revolutions, low noise level, low weight, high centrifugal forces and low design height.

ThyssenKrupp Steelcom offers total piling solutions including hire and sell of steel sheet piles, impact and vibratory piling hammers ranging from excavator mounted to large crane suspended units, as well as, foundation equipment.

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