

## More Steel in Auckland



A shipment of Larssen 755 steel sheet pile has landed in Auckland for sale and hire. With a section modulus of  $2000 \text{ cm}^3/\text{m}$  the U shaped Larssen 755 is a wider (750mm) and deeper (450mm) section that achieves the same section modulus at a weight advantage of  $11 \text{ kg/m}^2$  of wall, when compared to the well known LX20, which has been extensively used in New Zealand.

Also available in our yard are the L601 at the old price - please ring Andy Fenn at 09 576 3977 to discuss your requirements.

Visit our website to download the DWG files for CAD systems <http://www.steelcomnz.co.nz> and go to Sheet Pile tab.

Section	Elastic section modulus <sup>1)</sup>	Weight	Second moment of inertia
E=S	$W_y$	kg/m	$I_y$
D=Double Pile	$\text{cm}^3$		$\text{cm}^4$
Dr=Triple Pile			
<b>LARSENEN 755</b>			
per m wall	2000	127.5	45000
per E	580	95.6	9431
per D	3000	191	67500
per Dr	3407	287	92620

<b>LARSENEN 601</b>			
per m wall	745	77	11520
per E	251	46.3	2650
per D	890	93	13830
per Dr	1050	139	19320

### Lightweight Section KL 3/4 now available

The lightweight KL 3/4 is now available on the ground. This hugely functional profile boasts a section modulus of  $276 \text{ cm}^3$ , width of 700mm and weight of  $45.2 \text{ kg/m}^2$  of wall. For more info, please contact Andy Fenn 09 576 3977.

### ANZ's largest vibro hammer in action

Steelcom have introduced the largest vibro-driver currently available in Australia / New Zealand to the Port Kembla (NSW) development project.

The PTC 120HD offers a massive eccentric moment of 120m.kg and centrifugal force of 2550kN. Austral Construction, working for the Georgiou Group Pty Ltd., is presently working in Port Kembla Berth 6 where 154 tubes of a diameter of 1.5m with a wall thickness of 16mm and 31m long are being driven in a hard compacted slag ground.

PTC 120HD unit is equipped with an Agriplex clamping head covering single sheet pile applications and a Quadruplex clamping head covering casings from 1.4m up to 3.4m and most box piles. The project required a small vibro at start up. The PTC 120HD then drove the tubes some 20m, prior to being set with an impact hammer.

The PTC 120HD, together with the recently arrived PTC75HD vibro hammer, offering 75m.kg and centrifugal force of 1887kN, covering casings from 0.65m up to 2.78m in diameter, are both available for hire.

Contact Andy Fenn at 09 576 3977 for more information.



### KL 3/4

