

Erection of 44 Container Cranes, Singapore

Owner: Port of Singapore Authority

Client: Keppel Engineering



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Above and below: the Fagioli PSC designed modular panel tower and lift beam system lifts a 280 tonne crane to the runway beam level.

The Port of Singapore Authority's new container terminal at Pasir Panjang will have 44 overhead container cranes designed by Mitsui, built by Keppel Engineering and lifted into place by Fagioli PSC (Asia) Pte. Ltd.

The cranes, each weighing 280 tonnes, were lifted to the top of their 28 metre high runway beams, by eight Fagioli PSC L50 jacks arranged in pairs and connected to each corner of the lifting beams. After locking the lifting beam arrangement into place, the crane was then transferred onto the runway beam by two Fagioli PSC L15 pulling jacks.

Fagioli PSC designed and built the modular panel tower and lift beam system, which is now available for general erection work in the region.



Below: Detail of the paired L50 fixed anchor housing connections.

