

## Selected Crane Procurement and Design Review Projects

Client Name Project Location	Start Year	Crane Supplier	Number of Cranes	Services Provided						
				Technical Specifications	Design Assistance	Design Review	QA/QC Audit & Mfg. Review	Assembly / Shipping Review	Testing / Acceptance Review	Contract Management
TECON Santa Catarina, Itapoà Terminal, Brazil	2009	ZPMC	4	✓		✓	✓	✓	✓	✓
ZPMC/Port of Houston Authority, Bayport Terminal, Houston, Texas	2009	ZPMC	3	✓		✓	✓			
APL Kaohsiung, Taiwan	2009	ZPMC	4	✓		✓	✓	✓	✓	
West Basin Container Terminal, Los Angeles, California	2009	ZPMC	6	✓	✓	✓				
PSA Corporation Ltd. Singapore	2009	Doosan	9			✓	✓	✓		
TransHoist—SAAM Terminal Portuario Guayaquil, Ecuador	2009	ZPMC	2	✓		✓				
Terminal Catalunya S.A. Barcelona, Spain	2008	ZPMC	8		✓	✓	✓	✓		
Felixstowe Dock & Railway Company, Felixstowe, UK	2008	ZPMC	8		✓	✓	✓	✓		
Port of Houston Authority Houston, Texas	2008	ZPMC	3	✓						
SSA San Antonio, Chile	2008	ZPMC	2	✓						
Jakarta Int'l. Container Terminal, Jakarta, Indonesia	2008	ZPMC Doosan	2 2			✓	✓	✓		
Goteborg Sweden	2007	ZPMC	2	✓						
Port of Aarhus Denmark	2007	ZPMC	2			✓				
APM Terminals PTP Malaysia	2007	ZPMC – Tandem Lift	3			✓				

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World Crane Services Centerm	2007	ZPMC	1			✓	✓		✓	
Sociedad Portuaria Regional de Cartagena, Colombia	2007	Noell Regianne	3			✓	✓		✓	
PSA Corporation Ltd. Singapore	2007	ZPMC – Tandem Lift	15+ 14		✓	✓	✓	✓	✓	
Yusen Terminals Port of Los Angeles Terminal Island, California	2007	MES	4	✓						
APM Terminals Rotterdam	2007	ZPMC	3			✓				
APM Terminals Elizabeth, New Jersey	2007	ZPMC	4			✓				
GPPL Pipavav, India	2007	ZPMC	3			✓	✓	✓	✓	
APM Terminals Mobile, Alabama	2007	ZPMC	2			✓				
Karachi Int'l. Container Terminal Ltd. Karachi, Pakistan	2006	ZPMC	3			✓	✓	✓		
Maher Terminals Prince Rupert, Canada	2006	ZPMC	3		✓	✓	✓	✓		
Virginia Port Authority Norfolk, Virginia	2006	ZPMC	3	✓	✓	✓	✓	✓	✓	✓
Esperance Port Authority Esperance, Australia	2006	ZPMC	1		✓	✓				
APM Terminals Bremerhaven, Germany	2006	ZPMC	3			✓				
APM Terminals Laem Chabang, Thailand	2006	ZPMC	2			✓				

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Maher Terminals New Jersey	2006	ZPMC	4		✓	✓	✓	✓		
APM Terminals Algeciras, Spain	2006	ZPMC	2			✓				
APM Terminals Norfolk, Virginia	2006	ZPMC	6			✓				
Hongkong Int'l. Terminals Ltd., Hong Kong	2005	ZPMC	5			✓	✓	✓		
Modern Terminals Ltd. CT5, Hong Kong	2005	ZPMC	4		✓	✓	✓	✓		
Modern Terminals Ltd. Shenzhen Municipal Gov't. Dachan, China	2005	ZPMC – Tandem Lift	20	✓		✓	✓	✓		
Modern Terminals Ltd. CT9 Hong Kong	2005	Noell, China	6	✓		✓	✓	✓		
Hutchinson Port Holdings Yantian YICT ph IIIb, China	2005	ZPMC – Tandem Lift	20		✓	✓	✓	✓		
Hutchinson Port Holdings Yantian YICT ph IIIa, China	2005	ZPMC	3			✓	✓	✓		
APM Terminals Bremerhaven, Germany	2005	ZPMC	2			✓				
APM Terminals Mumbai, India	2005	ZPMC	8			✓				
APM Terminals Zeebruuge, Belgium	2005	ZPMC	7			✓				
McKay Int'l./Goteborg Goteborg, Sweden	2005	ZPMC	3			✓				
Modern Terminals Ltd. Hong Kong	2005	Noell, China	7	✓		✓	✓	✓		
Manzanillo Int'l. Terminals Colon, Panama	2005	ZPMC	6			✓				

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APM Terminals Los Angeles, California	2005	ZPMC	4			✓				
Terminales Rio de la Plata Buenos Aires, Argentina	2005	ZPMC	1			✓	✓			
APM Terminals Rotterdam	2005	ZPMC	3			✓				
ZPMC/Port of Houston Authority, Houston, Texas	2005	ZPMC	4		✓	✓				
APM Terminals Algeciras, Spain	2005	IMPESA, Argentina	2			✓				
ZPMC/P&O Ports Newark, New Jersey	2004	ZPMC	2			✓				
ZPMC/P&O Centerm Vancouver, Canada	2004	ZPMC	2			✓	✓			
ZPMC/Port of Singapore Authority, Singapore	2004	ZPMC	12		✓	✓				
ZPMC Port of Dubai, UAE	2004	ZPMC	12			✓				
Hutchinson Port Holdings Yantian, China	2004	ZPMC	8			✓	✓	✓		
Port of Long Beach California	2004	ZPMC	2	✓		✓	✓	✓		
Hongkong Int'l. Terminals Ltd., Hong Kong	2004	ZPMC	5			✓	✓	✓		
Virginia Port Authority Portsmouth, Virginia	2003	ZPMC	3	✓	✓	✓	✓	✓	✓	✓
Termont Container Terminal Montreal, Canada	2003	Liebherr	1	✓						