

## Selected Crane Procurement and Design Review Projects

Client Name Project Location	Start Year	Crane Supplier and Crane Type (STS unless otherwise shown)	Number of Cranes	Services Provided							
				Technical Specifications	Design Assistance	Design Review	QA/QC Audit & Mfg. Review	Assembly / Shipping Review	Testing / Acceptance Review	Contract Management	
Moffatt & Nichol Long Beach Container Terminal Long Beach, California	2011	TBD – Dual Hoist Tandem Lift STS; ASCs; Auto/Remote IYCs		✓							
APL Limited Los Angeles, California	2011	ZPMC – Dual Trolley STS	4	✓	✓	✓	✓	✓	✓		
Maher Terminals Elizabeth, New Jersey	2011	Liebherr	2	✓		✓	✓	✓			
SPRC Cartagena, Colombia	2011	Kalmar	2			✓	✓	✓	✓		✓
CONTECAR Cartagena, Colombia	2011	ZPMC	3			✓	✓	✓	✓		✓
CSA CICT, CaiLan, Vietnam	2011	ZPMC	4	✓		✓		✓			
TransHoist - SSIT, CaiMep, Vietnam	2010	ZPMC	12	✓		✓		✓			
TransHoist – SMITCO, Colombia	2010	ZPMC	2	✓	✓	✓		✓			
TECON Santa Catarina, Itapoa 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			✓	✓	✓			

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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			✓					
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			✓					

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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			✓	✓	✓		
Mahe 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			✓				
Mahe Terminals Elizabeth, New Jersey	2006	ZPMC	4		✓	✓	✓	✓		
APM Terminals Algeciras, Spain	2006	ZPMC	2			✓				
APM Terminals Norfolk, Virginia	2006	ZPMC	6			✓				
Hong Kong Int'l. Terminals Ltd., Hong Kong	2005	ZPMC	5			✓	✓	✓		
Modern Terminals Ltd. CT5, Hong Kong	2005	ZPMC	4		✓	✓	✓	✓		

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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			✓				
APM Terminals Los Angeles, California	2005	ZPMC	4			✓				
APM Terminals Rotterdam	2005	ZPMC	3			✓				
ZPMC/Port of Houston Authority, Houston, Texas	2005	ZPMC	4		✓	✓				