

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 / Accep- tance Review	Contract Management
PSA Corporation, Ltd. Singapore	2007	ZPMC	15+14		✓	✓	✓	✓	✓	
APM Terminals Rotterdam	2007	ZPMC	3			✓				
APM Terminals Elizabeth, NJ	2007	ZPMC	4			✓				
GPPL Pipavav, India	2007	ZPMC	3			✓	✓	✓	✓	
APM Terminals Mobile, Alabama	2007	ZPMC	2			✓				
Maher Terminals Prince Rupert, Canada	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			✓				
Maher Terminals New Jersey	2006	ZPMC	4		✓	✓	✓	✓		
APM Terminals Algeciras, Spain	2006	ZPMC	2			✓				
APM Terminals Norfolk, Virginia	2006	ZPMC	6			✓				
Modern Terminals Ltd. CT5 Hong Kong	2005	ZPMC	4		✓	✓	✓	✓		
Modern Terminals Ltd./ Shenzhen Municipal Gov't Dachan, China	2005	ZPMC	20	✓		✓	✓	✓		
Modern Terminals Ltd. CT9, Hong Kong	2005	Noell, China	6	✓		✓	✓	✓		
HTLT Thailand	2005	ZPMC				✓				

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Hutchinson Port Holdings Yantian YICT ph IIIb, China	2005	ZPMC	8		✓	✓	✓	✓		
Hutchinson Port Holdings Yantian YICT ph IIIa, China	2005	ZPMC	3			✓	✓	✓		
ZPMC/Evergreen Kaohsiung, Taiwan	2005	ZPMC				✓				
APM Terminals Aqaba, Jordan	2005	ZPMC	2			✓				
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, CA	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 Texas	2005	ZPMC	4		✓	✓				
APM Terminals Algeciras, Spain	2005	Impsa	2			✓				
APM Terminals Port Said, Egypt	2005	ZPMC	4			✓				

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ZPMC/P&O Ports Newark, NJ	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			✓				
LCB Container Terminal Thailand	2004	ZPMC	1			✓	✓			
Hutchinson Port Holdings Yantian, China	2004	ZPMC	8			✓	✓	✓		
Port of Long Beach California	2004	ZPMC	2	✓		✓	✓	✓		
Hong Kong Int'l. Terminal Hong Kong	2004	ZPMC	5			✓	✓	✓		
Virginia Port Authority, Portsmouth, VA	2003	ZPMC	3	✓	✓	✓	✓	✓	✓	✓
Termont Container Terminal Montreal, Canada	2003	Liebherr	1	✓						
Hutchison Port Holdings Felixstowe, UK	2003	ZPMC	3			✓	✓	✓		
Hutchison Port Holdings Yantian, China	2003	ZPMC	10			✓	✓	✓		
Sociedad Portuaria Regional de Cartagena Colombia	2003	Noell Regianne	2			✓	✓		✓	
APM Terminals Shanghai, China	2003	ZPMC				✓				
Port of Oakland California	2003	ZPMC	2	✓	✓	✓	✓	✓		

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Port of Long Beach California	2003	ZPMC	2	✓	✓	✓	✓	✓		
Virginia Port Authority Norfolk, Virginia	2002	ZPMC	8	✓	✓	✓	✓	✓	✓	✓
Seaside Transportation Services Terminal Island, CA	2002	ZPMC	2	✓		✓	✓	✓	✓	
Port of Seattle Washington	2002	ZPMC	2		✓	✓	✓			
Port of Tanjung Pelepas Malaysia	2002	ZPMC	5		✓	✓	✓			
Port of Oakland California	2002	ZPMC	2	✓	✓	✓	✓	✓		
Modern Terminals Ltd. Hong Kong	2002	Noell, China	7	✓		✓	✓	✓		
Port of Oakland California	2002	ZPMC	6	✓		✓	✓	✓		
Port of Houston Authority Texas	2002	ZPMC	8	✓						
New Century LLC Los Angeles, CA	2002	ZPMC	4	✓	✓	✓	✓	✓	✓	
Hutchison Port Holdings Hong Kong	2001	Hyundai, Korea ZPMC, China	5 3		✓	✓	✓	✓		
Hutchison Port Holdings Felixstowe, UK	2001	ZPMC	2		✓	✓	✓	✓		
Ceres Terminals Halifax, Canada	2001	ZPMC	1	✓	✓	✓	✓	✓	✓	
Port of Long Beach California	2000	ZPMC	12	✓	✓	✓	✓	✓		
New York EDC / American Stevedoring Brooklyn, NY	2000	Liebherr, Ireland	2			✓	✓		✓	✓

