



Port Cranes of America, LLC

RTG CRANES

With our Milano Total Crane Design Hub and 40 years of senior design engineering expertise on STS, RTG and RMG port cranes on past, historical OEM manufacturers Fantuzzi-Reggiane port cranes, we have engineering expertise for all necessary project calculation, project design and industry standard safety requirements/regulations.

WE CAN PROVIDE

MATERIAL HANDLING

ContainerCranes: ship to shore cranes, rubber tyred cranes, rail mounted gantry cranes.
Port Cranes: level luffing cranes and gantry cranes with grab for bulk cargo.
Special equipment: overhead cranes, polar cranes for nuclear power station.

PROJECT FEASIBILITY STUDIES

Complete package for terminal feasibility studies
Port Layout
Cost investment analysis
Technical consultancy



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Rubber tyred Gantry Cranes, Mauritius 2017



Main Features	
Scope of work	Engineering and Supply of No 6 RTG cranes
Span	23,50 mt.
Lifting height below spreader	18,13 mt.
Wheels	8
Nominal load	41 t. under spreader

Rubber Tyred Gantry Cranes



TERMINAL DARSENA TOSCANA

N.1 MPRTG

2008



Lift Height	8,50	m
Span	22,5	m
Capacity under spreader	40	t
Hoist speed (nominal load)	25	m/min
Hoist speed (empty) Trolley speed	50	m/min
Gantry speed	80	m/min

N.21 RTG

2007 - 2008



Lift Height	14,00 m
Span	22,71 m
Capacity under spreader	35,00 t
Hoist speed (nominal load)	20,00 m/min
Hoist speed (empty) Trolley speed	45,00 m/min
Gantry speed	134,00 m/min



PORT OF GENOA

N.6 RTG

2003 - 2004



Lift Height	17,10 m	23,50
Span	m 40,00	t
Capacity under spreader	23,00	m/min
Hoist speed (nominal load)	46,00	m/min
Hoist speed (empty) Trolley speed	70,00	m/min
Gantry speed	130,00	m/min

MALTA FREEPORT CORPORATION LTD

N.8+8+8 RTG

1999 - 2000 - 2001



Lift Height	16,20 m	22,56
Span	m 40,60	t
Capacity under spreader	22,50	m/min
Hoist speed (nominal load)	45,00	m/min
Hoist speed (empty) Trolley speed	60,00	m/min
Gantry speed	135,00	m/min

HONGKONG INTERNATIONAL TERMINALS

N.8+8 RTG

2001 - 2002



Lift Height	15,24	m
Span	23,47	m
Capacity under spreader	40,00 t	20,00
Hoist speed (nominal load)	m/min	45,00
Hoist speed (empty) Trolley speed	m/min	70,00
Gantry speed	m/min	90,00

LONG BEACH CONTAINER TERMINAL

N.1+4 RTG

2001



Lift Height	15,24 m	22,56
Span	m	40,00 t
Capacity under spreader	22,90	m/min
Hoist speed (nominal load)	45,70	m/min
Hoist speed (empty) Trolley speed	50,00	m/min
Gantry speed	134,00	m/min

EMPIRE STEVEDORING

N.8 RTG

2004 - 2005



Lift Height	15,24 m	25,43
Span	m	40,00 t
Capacity under spreader	22,90	m/min
Hoist speed (nominal load)	45,70	m/min
Hoist speed (empty) Trolley speed	50,00	m/min
Gantry speed	134,00	m/min