



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 and OMG-Galileo port cranes, we have engineering expertise for all necessary project calculation, project design and industry standard safety requirements/regulations.

## WE CAN PROVIDE

### MATERIAL HANDLING

Container Cranes: 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

## LA SPEZIA CONTAINER TERMINAL

N.2 RTG

2013



Lift Height	18,3	m
Span	26,5	m
Capacity under spreader	40	t
Hoist speed (nominal load)	25	m/min
Hoist speed (empty)	50	m/min
Trolley speed	70	m/min
Gantry speed	120/80	m/min

# 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)	50	m/min
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)	45,00	m/min
Trolley speed	70,00	m/min
Gantry speed	134,00	m/min

## PORT OF GENOA

N.6 RTG

2003 - 2004



Lift Height	17,10	m
Span	23,50	m
Capacity under spreader	40,00	t
Hoist speed (nominal load)	23,00	m/min
Hoist speed (empty)	46,00	m/min
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
Span	22,56	m
Capacity under spreader	40,60	t
Hoist speed (nominal load)	22,50	m/min
Hoist speed (empty)	45,00	m/min
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
Hoist speed (nominal load)	20,00	m/min
Hoist speed (empty)	45,00	m/min
Trolley speed	70,00	m/min
Gantry speed	90,00	m/min

## LA SPEZIA CONTAINER TERMINAL

N.1+2 RTG

2014 - 2015



Lift Height	15,10	m
Span	26,45	m
Capacity under spreader	40,00	t
Hoist speed (nominal load)	22,80	m/min
Hoist speed (empty)	45,50	m/min
Trolley speed	50,00	m/min
Gantry speed	134,00	m/min



## LONG BEACH CONTAINER TERMINAL

N.1+4 RTG

2001



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

## EMPIRE STEVEDORING

N.8 RTG

2004 - 2005



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