



PORT MIAMI

PORT GUIDE FY2021



In April 1960,
Miami-Dade
County approved
Resolution #4830 to
begin construction
of "modern seaport
facilities at Dodge
Island site".

TABLE OF CONTENTS

About PortMiami	5
Key Advantages - Cruise/Cargo	6-7
Cruise Partnerships	8-9
Cargo Partnerships	10-11
Rail Connectivity	12
FTZ 281	13
Regional Summary	14-15
Total TEU	16-17
Commodity TEU	18-19
Capital Development - Current/Future	20-21
Industry Assets.....	22-25

ABOUT PORTMIAMI

PortMiami is known as the *Cruise Capital of the World* and one of America's fastest growing *Cargo Gateways*. The Port is a vital economic engine supporting 334,500 jobs and \$43 billion to Florida's economy. It is ranked #1 Cruise Port in the World and #11 Container Port in the U.S.



PortMiami's iconic bridge opened in 1991 and has become a symbol of the connection between the Port and the Miami-Dade community.

CRUISE

CARGO

KEY ADVANTAGES

KEY ADVANTAGES

FISCAL YEAR 2021

CRUISE PASSENGERS 252,099

CRUISE LINES 20

- > Modern cruising started at PortMiami over 60 years ago serving the world's top cruise lines.
- > Close proximity to the Bahamas, Caribbean, Panama, Mexico and beyond.
- > Fast access from Miami International Airport via Port tunnel.
- > A renowned global destination, offering cruise passengers pre- and postcruise activities that support overall travel and tourism: sports, entertainment, dining, arts, parks and beaches.

FISCAL YEAR 2021

CARGO SHIPS DOCKED 939

TEU 1,254,062

- > A trade nexus at the crossroads of north-south and east-west trade lanes.
- > Closest U.S. East Coast deepwater container Port to the Panama Canal.
- > Access to Florida's huge consumer market; Florida is the 3rd most populous state with 20 million residents and more than 120 million visitors annually.
- > Global air connections via Miami International Airport; MIA is ranked first in international freight and third in international passengers in the U.S.
- > All major global ocean carrier alliances call at PortMiami.



The west side will look drastically different with a new Virgin Voyages Terminal with a completion date of 2022.



Both Cruise and Cargo ships making the 3 mile trip into PortMiami are greeted by the beautiful Miami sun and skyline.

CRUISE PARTNERSHIPS



Our large number of cruise partners means more choices for our cruise customers, from the young at heart to those wanting "adults only" experiences.



CARGO

PARTNERSHIPS



Our network of carriers bring options and possibilities for all who want to send cargo worldwide from the 'Gateway to the Americas'.

RAIL CONNECTIVITY

- TOTAL TRACK (FL).....351 MILES
- ON-DOCK RAIL9,000 LINEAR FEET
- HIALEAH RAIL YARD73 ACRES SERVING MIAMI
- QUALITY CONTAINER YARD20 ACRES SERVING MIAMI
- TITUSVILLE YARD.....60 ACRES SERVING ORLANDO



FOREIGN TRADE ZONE 281

PortMiami Foreign Trade Zone 281 encompasses a large service area in Miami-Dade County, stretching north from SW 8th Street to County Line Road, and east from the Urban Boundary Line to Miami Beach.

marketplace, Foreign Trade Programs provide competitive advantages and opportunities for companies to keep and grow their manufacturing or distribution operations in the United States.

User benefits include more flexibility, reduced costs and focused government oversight resulting in greater profits. In the global

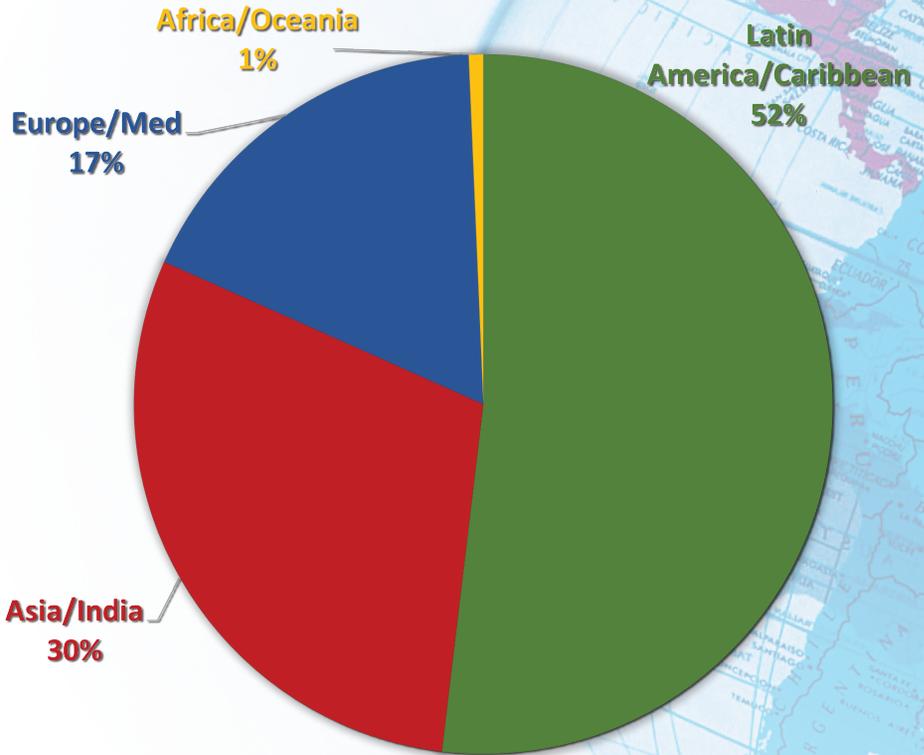
FAST, EASY, LOW-COST APPLICATION (\$2,500 fee)

APPLICATION	DESIGNATION	ACTIVATION
STEP 1 Complete FTZ application and submit to PortMiami (1-7 days)	STEP 2 FTZ Board approves site for designation (1-30 days)	STEP 3 Applicant works with CBP to become an active FTZ site (2-6 months)

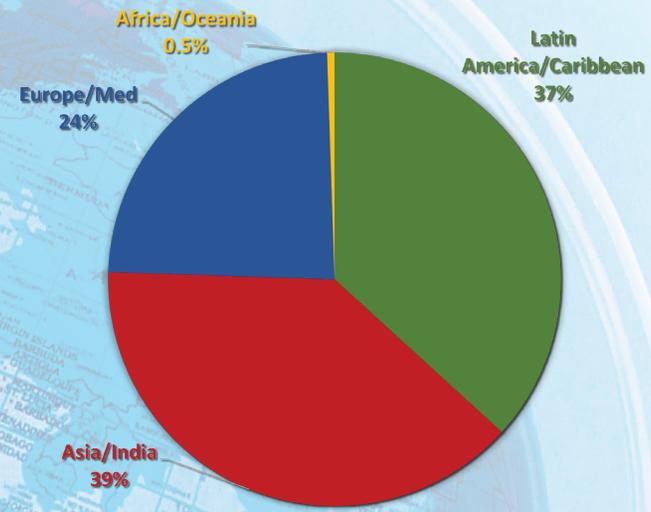


REGIONAL SUMMARY

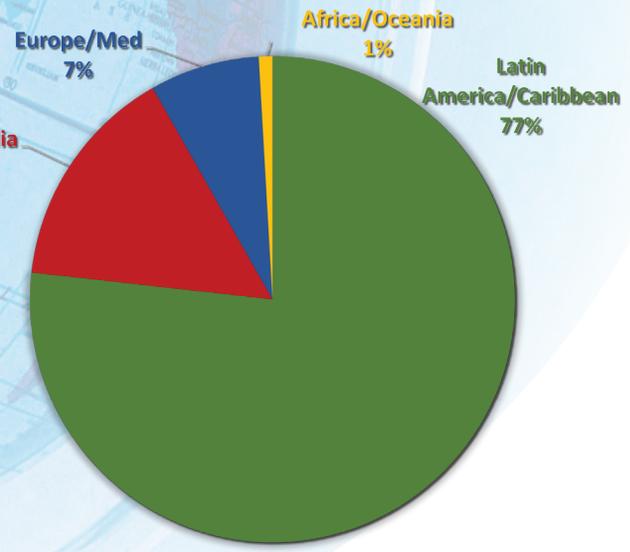
2021 TEU TOTAL



2021 TEU IMPORTS



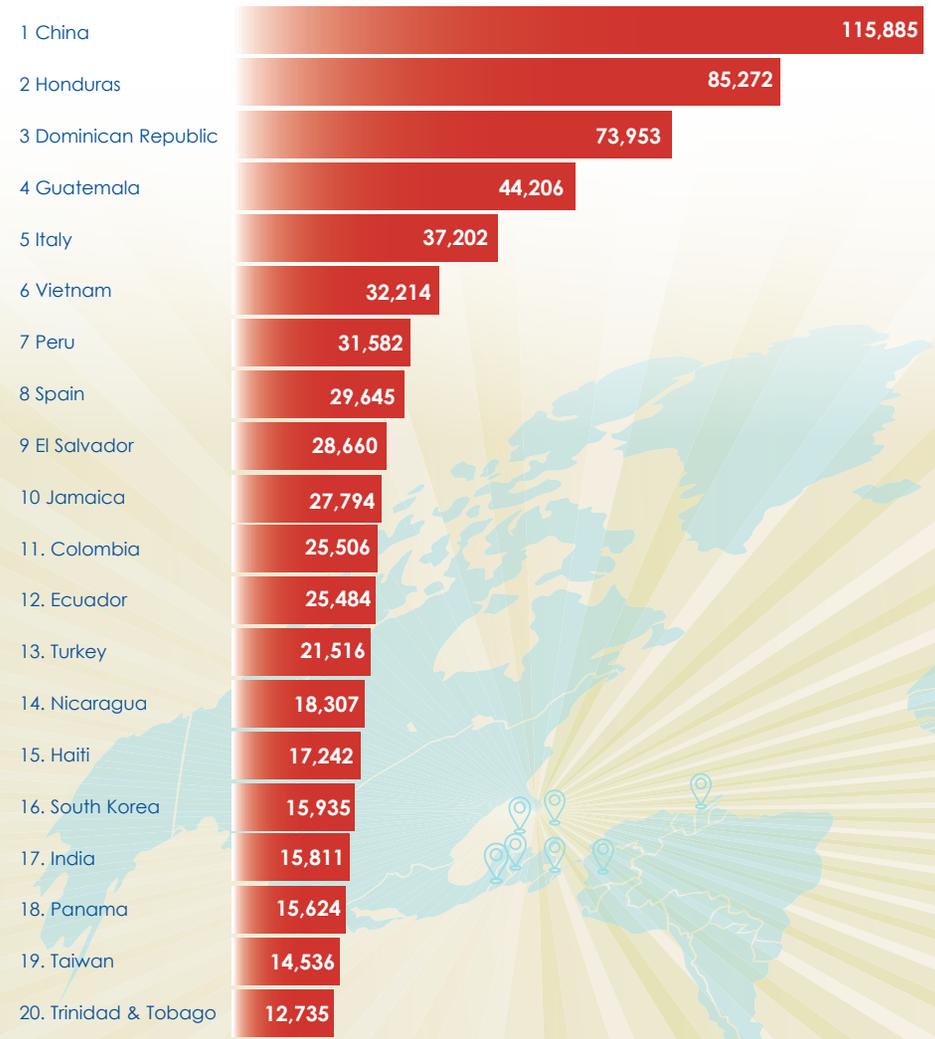
2021 TEU EXPORTS



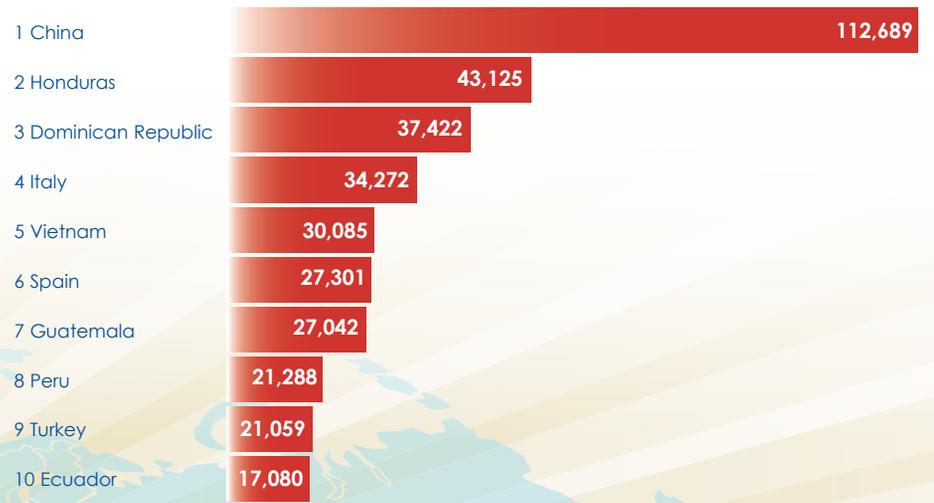
TOTAL TEU

IMPORTS/EXPORTS

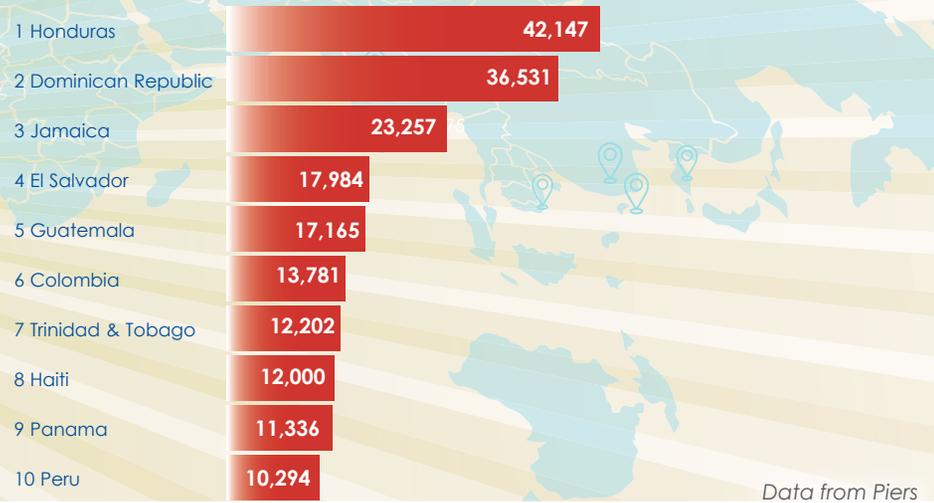
TOTAL TEU BY COUNTRY



TOTAL TEU BY COUNTRY - IMPORTS



TOTAL TEU BY COUNTRY - EXPORTS



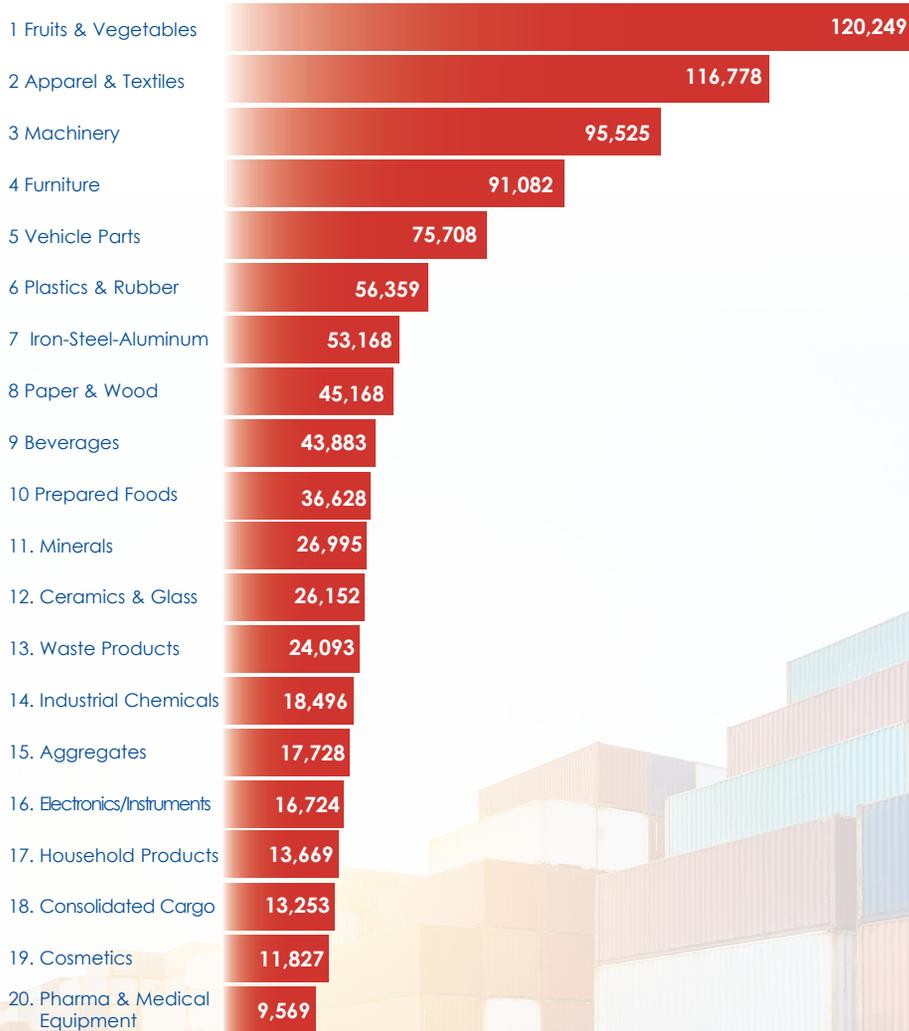
Data from Piers

Data from Piers

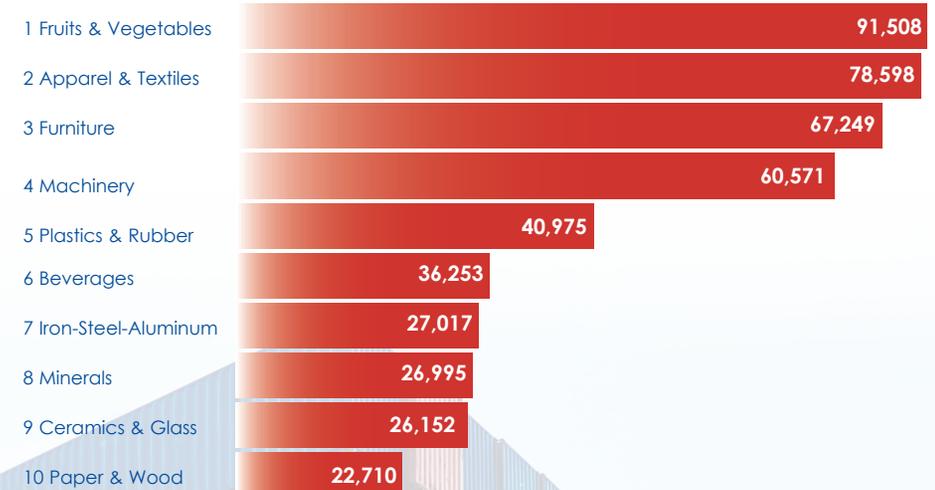
COMMODITY TEU

IMPORTS/EXPORTS

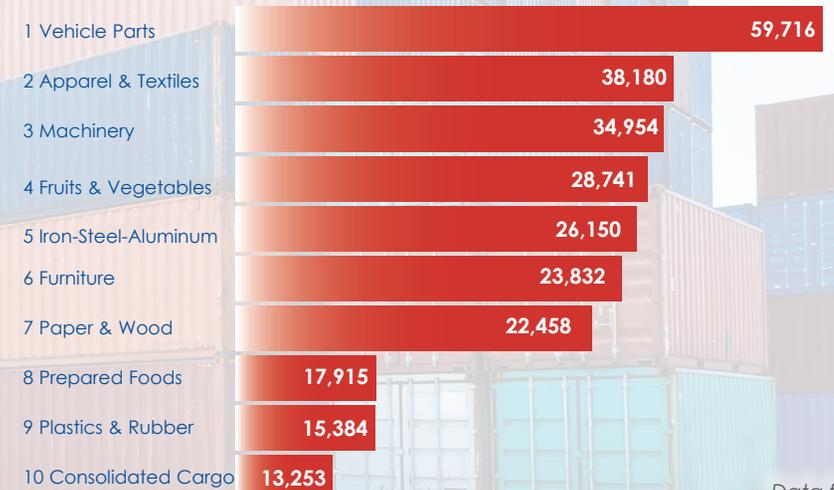
TOTAL TEU BY COMMODITY



TOTAL TEU BY COMMODITY - IMPORTS



TOTAL TEU BY COMMODITY - EXPORTS



Data from Piers

Data from Piers

CAPITAL DEVELOPMENT

CURRENT & ONGOING

TERMINAL B (THE PEARL) - NORWEGIAN CRUISE LINE



Opened in the summer of 2021, this futuristic terminal is inspired by a nautilus with a spiralled and multi-level façade that will open to ocean views. It will accommodate ships that can carry up to 5,000 passengers. The facility features innovative lighting, inviting indoor and outdoor waiting areas, and new technology supporting faster and more efficient embarkation and disembarkation processes, as well as expedited security screening and luggage check-in.

TERMINAL V - VIRGIN VOYAGES



This 100,000 square-foot terminal opened on February 13, 2022. The terminal's palm grove-inspired design concept will be developed by the Miami-based designers from Arquitectonica. Virgin Voyages first ship "Scarlet Lady" which was introduced in March 2020 has been sailing to the Caribbean since mid 2021. In March of 2022, the "Valiant Lady" will be making its debut and joining "Scarlet Lady" to make Cruise Terminal V its new home.

ENVIRONMENTAL PROGRAM



In early 2021, PortMiami launched an artificial reef project program to design, fabricate, and deploy 90 artificial reef modules equivalent to over 800 cubic yards or 0.5 acres of artificial reef located north of Government Cut outside of the Port's entrance. The program will continue its mitigation progress until 2024.

CAPITAL DEVELOPMENT

FUTURE

SHORE POWER PROGRAM



Phase 1 under design for five Cruise Terminals: CT-AA/AAA (MSC Cruises), CT-A (Royal Caribbean Group), CT-F (Carnival Corp), CT-B (Norwegian Cruise Line Holdings) and CT-V (Virgin Voyages) for implementation in Fall 2023. It will simultaneously power 3 vessels on the same day and will have shore power availability for 6 berths.

TERMINAL AA/AAA - MSC CRUISES



MSC Cruises announced a partnership with Italian shipbuilder Fincantieri to build a \$414 million state-of-the-art terminal designed by global architecture firm Arquitectonica. The new terminal will be capable of servicing three large cruise ships at a time, representing a total of 36,000 passenger moves daily. The estimated date of completion will be December of 2023.

TERMINAL F - CARNIVAL CRUISE LINE



Complete renovation and major expansion of Terminal F will be capable of supporting the operations of Carnival's new Excel-class ship set to debut in Fall of 2022. The new terminal will use facial recognition technology and other elements to move guests smoothly and quickly through the embarkation process.

NORTH BULKHEAD REALIGNMENT



The project is expected to start April of 2023 and end October of 2028. It will involve the extension of the wharf by up to 54 feet. Phase 1 will begin at Wharf 1 (CT-G) and will take one year to complete. After that initial phase, each project will take 6 months to complete.

INDUSTRY ASSETS

-50/-52 DEEPWATER CHANNEL



Only Port south of Virginia at -50/-52 feet capable of handling fully laden 14,000 TEU vessels with a fast access channel only 2.5 nautical miles to the Atlantic Ocean.

NOAA PORTS® INSTALLED



NOAA's Center for Operational Oceanographic Products and Services successfully partnered with PortMiami to install a new PORTS® system. As one of 31 systems operating across the nation's waterways, these real-time oceanographic and weather observations assist pilots and other mariners to safely navigate to and from PortMiami's docks.

INDUSTRY ASSETS

TRACTOR TUG SERVICE



Expanded towing and harbor ship services that provide a Z – drive thrust unit with an 80 ton bollard pull and 6,700 rated horse power capacity for the berthing and departure of containerized cargo vessels.

DIRECT-ACCESS TUNNEL



The creation of a new vehicular access point directly linking PortMiami to the nation's interstate highway system has been a boon for downtown development. Close to 80% of Port-generated traffic has been relocated away from downtown streets to the PortMiami Tunnel. On average, 400,000 vehicles use the tunnel on a monthly basis. This successful Public-Private Partnership continues to receive recognition and award for its innovative design, creative financing, and breakthrough engineering.

INDUSTRY ASSETS

ON-DOCK INTERMODAL RAILS



The freight rail connects the Port with the national rail system. The service expedites the movement of goods throughout Florida and the continental U.S. reaching 70% of the American market within four days.

INDUSTRY ASSETS

GANTRY CRANES



13 ship-to-shore cranes including six super Post-Panamax, the largest in the Southeastern U.S. The cranes have an outreach of 22 containers wide, stack up to nine containers high above deck, and 11 containers below deck with no height restrictions.

E-RTG



South Florida Container Terminal received 6 Electric Rubber-Tyred Gantry cranes at the beginning of 2020. Phase 1 completed in April 2021 with final Phase completion estimated to be in Q4 of 2023. RTGs greatly increase efficiencies while decreasing emissions. The electric power system removes the need for engine component maintenance, lowering downtime and reducing maintenance costs.



PortMiami is at the heart of beautiful Miami; it generates billions of dollars to the local economy and over 300,000 jobs to South Florida.



PortMiami
1015 N. America Way, 2nd Floor
Miami, FL 33132
T: 305.347.4800 • F: 305.329.4029

PortMiami.biz

