



# PORT OF VERACRUZ

## PORT EXPANSION PROJECT

<b>Project Name</b>	Port of Veracruz Expansion
<b>Location</b>	Veracruz, Mexico
<b>Product</b>	King H Pile (with clutches)
<b>Total Tonnage</b>	1,000 MT
<b>Delivery Date</b>	2017

### INTRODUCTION

The Port of Veracruz is located in the Gulf of Mexico off the Atlantic Ocean, its location is strategic for trade between Mexico and the world. It is a leader in cargo movement along with agricultural bulk products and vehicles amongst others.

Additionally, at this moment the first stage of construction is carried out for the expansion of the port of Veracruz, a work of port infrastructure and logistics which will make the zone one of the most important on the American continent. With 54 Maritime Routes, inter-connected with 150 Ports throughout the world Veracruz is a port zone with an ample foreland promoting domestic trades with countries of the 5 continents.

In recent years the Port of Veracruz has undergone modernization of its infrastructure. Having all the necessary infrastructure with perfectly well-designed roadways, lighting, security and access points. They have constructed and put into operation the centre for attention to transport logistics where transport trucks enter and leave the port zone in a controlled manner. Efficient, secure and offering food and rest stations for transport drivers. The

logistics activity zone is a 300-hectare area providing an area for business which give added value to foreign trade goods as well as the distribution centre.

The port of Veracruz is secure have implemented the International Ship and Port Facility Security Code the ISPS Code and have ISO 28000 which provides for the supply chain security.

The Expansion of the Port of Veracruz has begun. The objective is to position it as a modern port zone. According to the new dynamics world trade with first rate infrastructure and equipment, 25 new docking positions will be constructed in two phases, during the first stage the same which is currently under way and which will conclude in 2018 the 4.3 KM long western breakwater will be constructed.

## ESC SCOPE OF SUPPLY

### KING H PILE (with clutches)

ESC supplied 1000 metric tons of clutched King H Pile ESC-H1180B-1-2 for the combined wall system Grade S430 in 32metre lengths.

The Veracruz Port had purchased several thousand tons of Z profile sheet piles but due to design changes they needed to convert the sheet piles into a high section profile (due to increased dredge depth of the

berth) so the system was converted to a H Pile combi wall. ESC was contacted to manufacture and supply to site the H Pile with clutches that could interlock with the existing hot rolled Z sheet piles.



# PROJECT MATERIALS



# SHIP LOADING



# ON SITE INSTALLATION



# NEARING COMPLETION

