



BOTTLE MANUFACTURING PLANT

Location
Hlaing Thar Yar, My.

Duration
4 Days

Project value
25,000 USD

Equipment Used

5t Manitou forklift	
3.7t Telehandler with boom	
3t Forklift	
12t Skates with steering bars	x6
30t Toe jacks	x4
35t Mobile crane	
10t Mobile crane	
48t Capacity prime mover	x2
Lowbed trailer	
Flatbed trailer	
Mobile docking ramp	

SCOPE

CEA Projects Myanmar recently completed the delivery, positioning and installation of heavy equipment for a new PET bottle manufacturing plant in the Hlaing Thar Yar district of Yangon.

CEA provided customs clearance at port, inland transportation and unloading at the installation site. CEA teams at the site assembled a complete mezzanine floor and lifted it into position, control panel, vacuum pump, chilling system and other auxiliary equipment was also installed.



40FT HEAT EXCHANGER AWAITING ASSEMBLY OF LEG SECTIONS

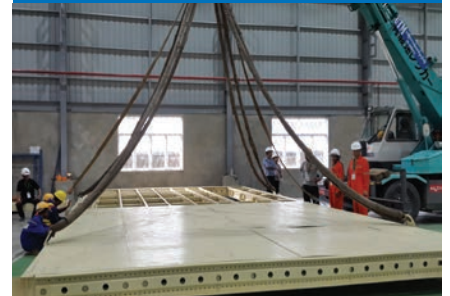
CASE STUDY CS018
Bottle Manufacturing Plant 1/2



HEAT EXCHANGER WITH LEGS ATTACHED LIFTED INTO POSITION WITH A 30T MOBILE CRANE



MEZZANINE FLOOR MOVED BY 12T SKATES



MEZZANINE FLOOR ASSEMBLED



BOTTLE BLOWER SKATED INTO POSITION



10 T EXTRUSION SCREW INSTALLED



SUPPORT LEGS INSTALLED TO THE FLOOR

A 12 meter long heat exchanger unit was tandem lifted by two mobile cranes from its 40ft container, the exchanger was assembled and legs attached before being positioned in place for commissioning outside of the facility.

After the auxiliary equipment was installed the heavy extrusion and bottle blowing machinery was transported across the facility and positioned, this was achieved through the use of 12 Tonne capacity skates and 30 Tonne Toe Jacks supplied by CEA Projects Myanmar. Each of the 10 Tonne pieces were jacked down and levelled at their operational location. The whole project was completed on time and within budget.



RAW MATERIAL HOPPER INSTALLED

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