

Samsung Heavy Industries and NK meet!

The win-win partnership between a leading large company and a substantial small and medium-size enterprise



The development and the commercialization of a pure domestic manufacturing technology of Helideck



About 30% cost reduction

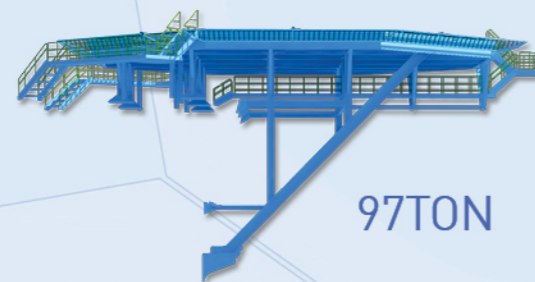
About 40% productivity improvement

The delivery process by 7 months
(Shortened by 3 months)



155TON

Existing foreign companies
(Pillar support structure)



97TON

NK(Cantilever structure)

* Evidence of previous ship

Patents

- Patent
 - 10-2013-0062748 Helideck and its assembly method
 - 10-2013-0114464 Embedded Helideck lighting fixture
 - 10-2013-0110340 The fire fighting equipment of Heli-deck and its control method
 - 10-2011-0127514 The foldable Helideck equipped on the side of a ship
 - 10-2012-0014951 The Helicopter deck of the floating structure
 - 10-2013-0110333 The support structure on the pancake prt of Helideck
 - 10-2013-0110338 Tie-down for Helideck
 - 10-2013-0113971 Many except the staircase handrail of Helideck
- Design
 - 30-2013-0010732 Many except the pancake for Helideck
- Utility model
 - 20-2011-0005073 Helideck and ships with Helideck
 - 20-2006-0027627 Helideck with a fire suppression function
 - 20-2012-0006707 Helicopter deck which drainage structure is formed
 - 20-2013-0007523 The Launching appliance of lifeboats in a ship



NK Co., Ltd.

Tel : 82-51-204-2211
Fax : 82-51-204-2215
E-mail : sales@nkcf.com

Domestic Sales Dep.

Tel : 82-51-200-0109
E-mail : s10178@nkcf.com

International Sales Dep.

Tel : 82-51-200-0110
E-mail : njchun@nkcf.com

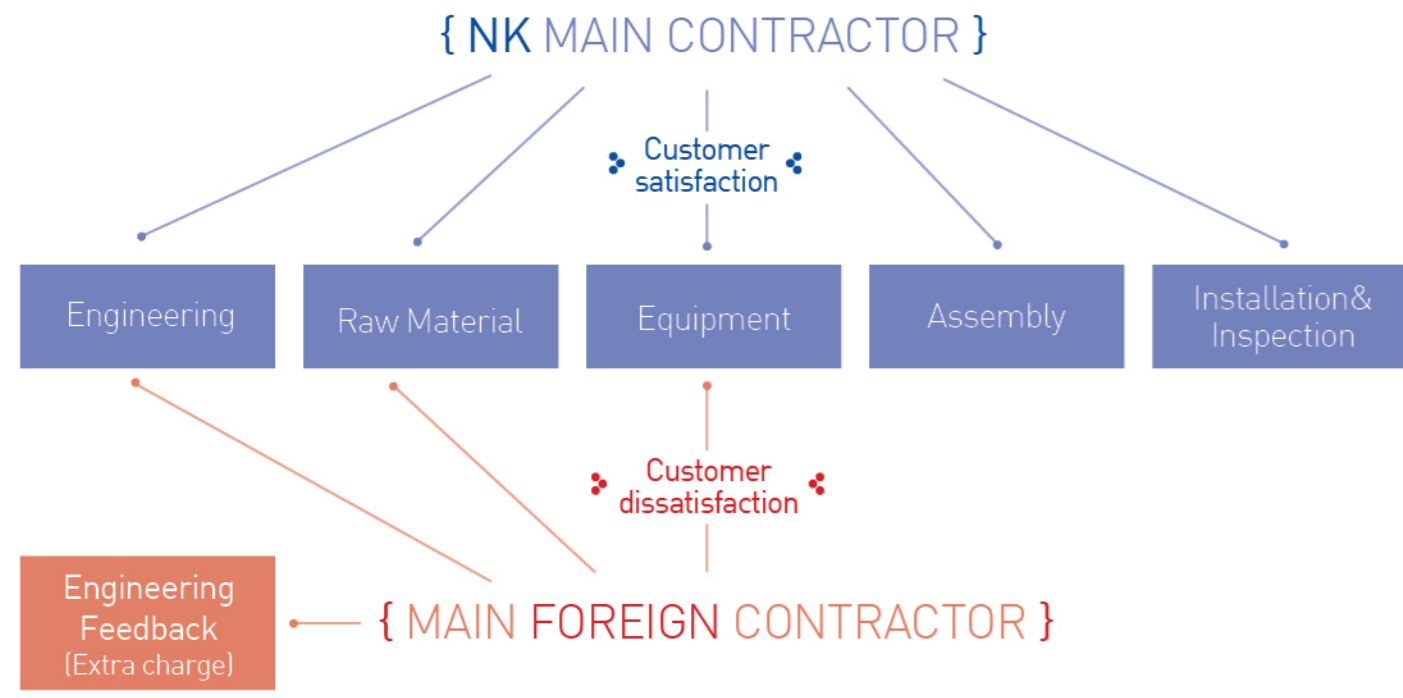
we promise to



NK SAFE HELIDECK
NK Safe Aluminium Facility Everlasting Helideck

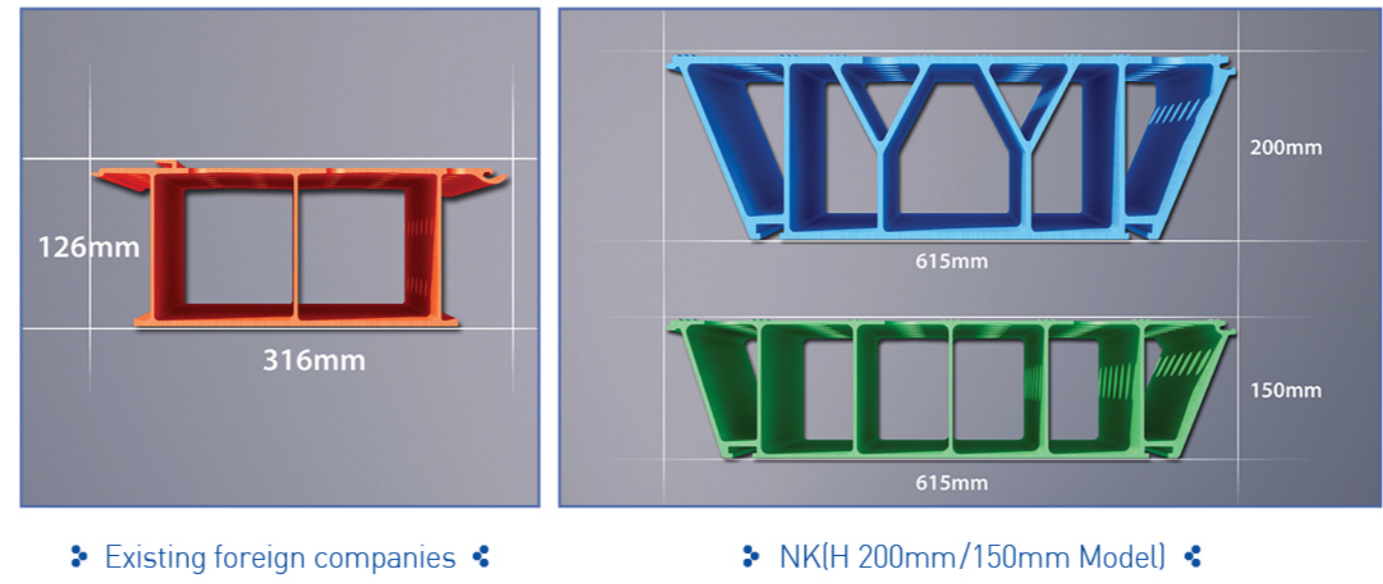
❖ Owner Satisfaction

- Observance of customer process : 2 months for design and 4 months for assembly and loading on the site
- Warranty : Establishment of the trust and cooperative relationship through rapid responses and resolutions

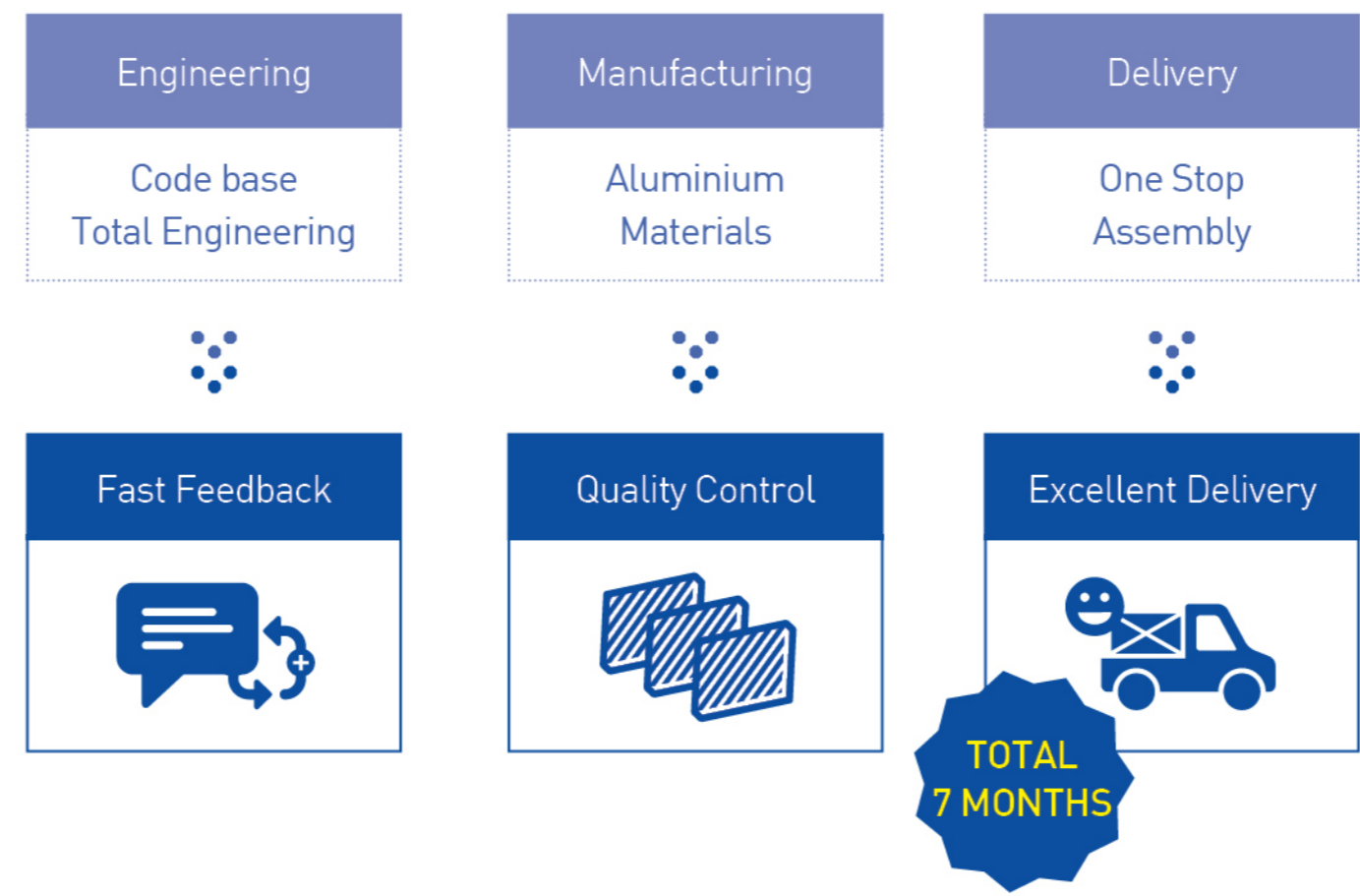


❖ Construction

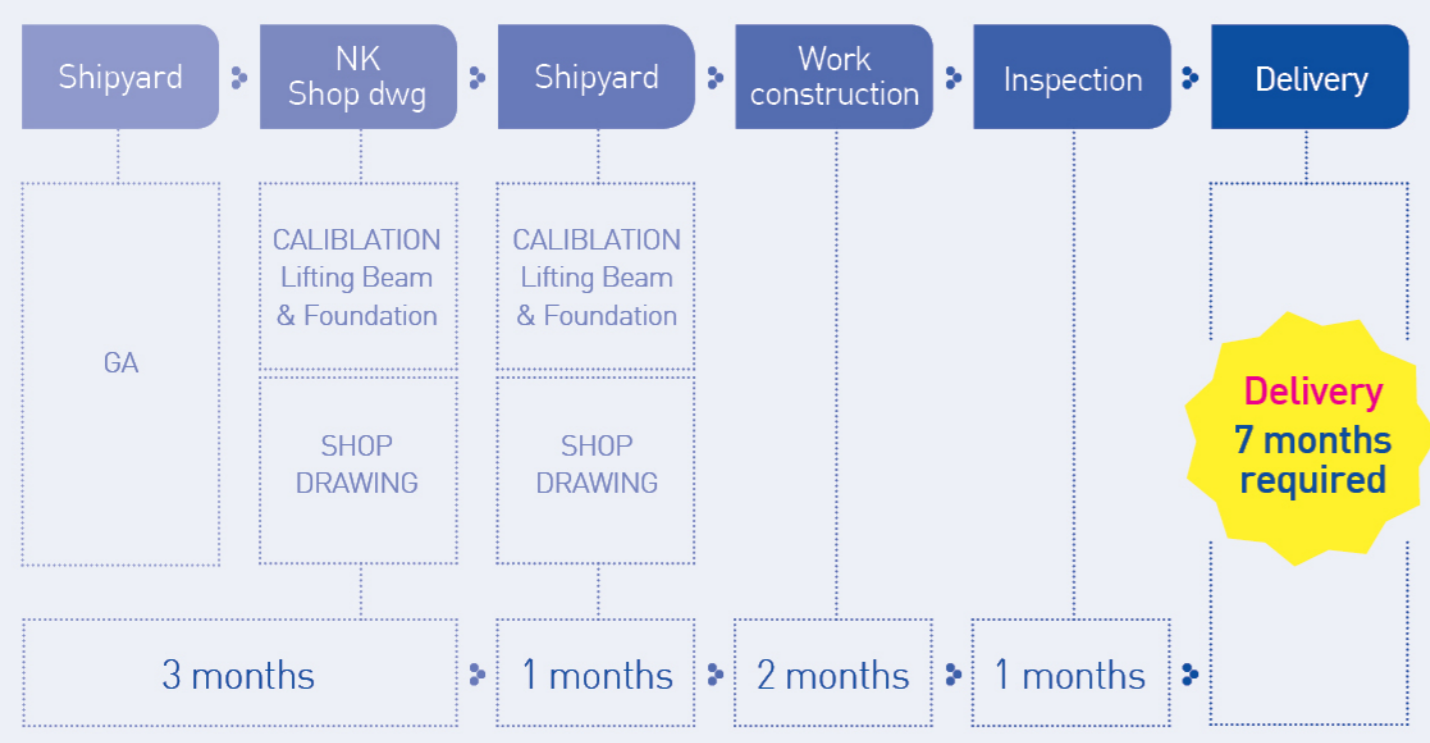
- The maximum profile size in the world : 50% reduction in the production process (Based on Helideck Pancake of 22.4m)
- Reduction in profile numbers[75 existing a ▶ NK 43]



❖ Turnkey Benefit

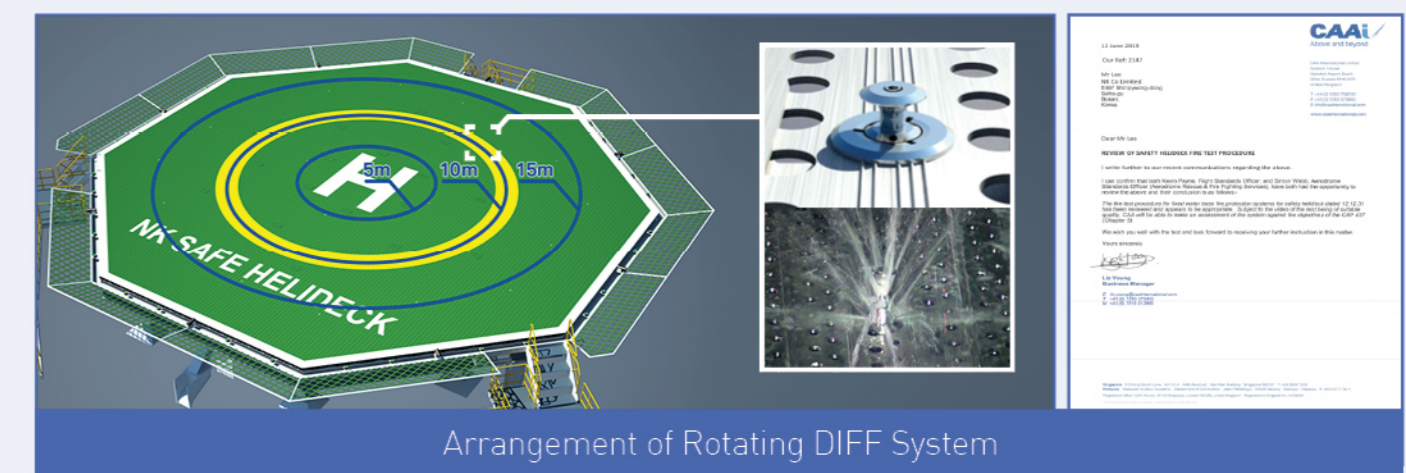


❖ Schedule of shop drawings



❖ Safety

- Technology development of the domestic DIFF(Deck Integrating Fire Fighting) System
 - The maximum injection distance per unit : 8m(The biggest in the world)
 - Extinguish Time: Within 10 seconds
 - DNV, ABS, KR classification certification
- The first development of a fire hazard analysis technique
- Localization of a pop-up nozzle : UK CAA Review Result



- Fire Extinguish Test : Verification of fire extinguishing performance using the DIFF system

