

# Carrier and Launching Gantry



Design by Luca Strata

# Who is Luca Strata ?

- Luca Strata is a great designer of Italy.
  - Having worked originally as Professional Consultant in Civil Design Engineering, he later
  - on spent twenty years as from Paolo de Nicola' s Structural engineer, responsible for the design of
  - launching equipment and special cranes, such as THSR launching gantries, portal cranes
  - and tire trolleys up to 1400 t capacities for big companies such as Bilfinger & Berger, HBP,
  - Samsung Corp. etc., together with special equipment for bridge erection, harbour cranes, concrete and boat handling cranes. Established PDN, 2004.
- \*\* He has been recognized as a pioneer and market leader in the bridge and steel construction business.**



**Client: China Electrical &  
Water Corporation**  
**Supplied equipment:**  
**N. 3 tyre trolleys**  
**Capacity 900 t each**

# Civil construction equipment for bridges



**Client: Samsung Corp.**  
**Supplied equipment:**  
**Self-launching gantry**  
**Capacity 1400 t –**  
**span 50 m**



# INCHEON GRAD BRIDGE (S. KOREA) FSLM EQUIPMENT



Client :Samsung Corp.  
Supplied equipment: Tyre-trolley  
Capacity 1400 t

# **TYRE TROLLEY FOR RAILWAY HIGH SPEED CONSTRUCTION PROJECT (CHINA)**



**Client: China Electrical  
&  
Water Corporation  
Supplied equipment:  
N. 3 tyre trolleys  
Capacity 900 t each**

# TAIWAN HIGH SPEED RAILWAY (THSR) LAUNCHING EQUIPMENT



**Client: HBP Supplied equipment:  
Launching gantry, tyre trolley portal crane  
Capacity 915 t**

# Equipment for concrete prefabrication and industrial handling



**PRE-CAST ELEMENT FABBRICATION YARD**

**Client: Pretersa Prenavisa**

**Supplied equipment : Rubber tyred Straddle Carrier**

**Capacity 50 t**



# VANCOUVER – SIMPLE BEAMS COURBON–COUPLED INSTALLATION (CANADA)



**Client : GCJV Bilfinger & Berger**  
**Supplied equipment : Rubber tyred Straddle Carrier**  
**Capacity 300 t**

# TARMAC Ltd (Tallington, United Kingdom)



**Client: Tarmac Ltd**

**Supplied equipment : Rubber tyred Straddle Carrier**

**Capacity 50 t**

# **DOBLER GmbH (GERMANY)**



**Client: Trevolution Spa**  
**Supplied equipment : Rubber tyred Straddle Carrier**  
**Capacity 50 t**

# Equipment for boat handling and ship yards



**TARANTO (ITALY)**

**Client : Cantiere Navale Stanisci**

**Supplied equipment : Rubber tyred mobile boat crane**

**Capacity 150 t**

**Capacity range : 20–1.000 t**

**Diesel hydraulic or Diesel electric**

# BOAT TRAILERS



**Clients : Marinas and ship yards Supplied equipment**  
**Full steering – self propelled boat trailers**  
**Capacity range : 20–200 t standard Over 200 t on request**



# Design engineering for special works



## **STEEL BRIDGE SELF – LAUNCHING EQUIPMENT (VENEZIA, ITALY)**

**Client : MAEG spa**

**Supplied equipment : Launching nose, pier , temporary caps, rollers and hydraulic plants and controls**

# About the Luca Strata~

He had been founded engineering company in 2004, with the scope to innovate the industry of the machinery and equipment for civil building and naval constructions specializing in their design and fabrication, operating either domestically and worldwide.

He has been known with a serious and reliable company in the course of these years he has then widened its field of production and machineries and equipment for handling big and heavy type of weights.

Luca Strata arrangement of designs, manufactures and supply complete systems for the construction of bridges and viaducts, cranes for handling concrete pre-stressed beams and any type of voluminous industrial handling, rubber tired cranes used in marinas and shipyards for lifting, lowering and towage of boats, yachts and mega yachts.

He offers to their clients a technical know how of the highest level and a design capability to satisfy any possible client's demand, with standard solutions and/or customized ones for any specific project, always taking into account the environmental impact of the equipment used in the final location.

All the mechanical, hydraulic and electric design is supplied by Luca Strata with first quality materials, design is fully controlled inside the company by its specialized technicians.

Therefore can offer to all clients a very accurate, after sales service and technical assistance on real time.

Experience, creativeness, innovation and flexibility are the values which granted Luca Strata to reach its industrial success keeping its original company's goal and continuing on this route with new ideas and objectives.

Beside the cooperation between Luca Strata and several international leading companies allows the company to have a strategic presence in the majority of geographical areas with the most economic and infrastructural development (Korea, China, India, Far East).

**Gilyoung SNC have established a close relationship with Luca Strata of Itlay.**

# MOBILE BRIDGE IN VENICE (ITALY)



**Client: Consorzio Venezia Nuova**  
**Supplied works : Structural, hydraulic, electric and electronic design, control plans and set-up**

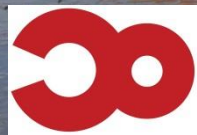




# Launching Gantry –



Thank you very much !



Gilyoung SNC