

REFERENCE LIST
BEAM LAUNCHER (BL), PRECAST MOULDS (PCM) & OTHER RELATED EQUIPMENT
For Precast Beam Bridges

Update : October 2020

Country/Bridge project	Client	Span Length	Lifting Capacity	Main Features	Related Equipment Supplied	Delivery
BEAM LAUNCHER (BL) & OTHER RELATED EQUIPMENT						
Malaysia						
M308 KL Putrajaya Highway, Kuala Lumpur	Leighton Contractors (M) Sdn Bhd.	40m	95T	Single-box Beam Launcher		2005
Sri Lanka						
BL Southern Transport Development Project	Kumagai Gumi Co., Ltd.	40m	90T	Double Truss Launcher	Beam Mover and Beam Trolley.	2004
AFRICA						
Kenya						
Athi Bridges (2 bridges)	Sumitomo - Mitsui	30m	90T	Double Truss Launcher		2003
Sudan						
Al-Damar Bridge	A&A Engineers & Contractors	45m	110T	Single-box Beam Launcher	Beam Trolley, Beam mover & Moulds	2006
Dongola Bridge	A&A and Danfodio JV	45m	110T	Single-box Beam Launcher	Beam mover & Moulds	2007
Morocco						
Autoroute Marrakech-Agadir	Tecnova Logistica LDA	40m	100T	Single-box Beam Launcher	Beam Trolley	2008
Iraq						
Al-Dair Concrete Bridge	Abdullah A. Al-Jiburi Contracting Company	42m	100T	Single-box Beam Launcher	Beam Trolley	2009 - 2010
India						
BL Cochin Railway Bridge	Afcons Infrastructure Limited	40m	280T	Single-box Beam Launcher		2008
Western Freight Corridor	SOMA Enterprise. Ltd.		240T	Single-box Beam Launcher		2012
Korea						
Seongnam-Yeouju Railway Section 6	Samsung C&T	30-35m	240T	Single-box Beam Launcher	Tyre Trolley.	2013 - 2014
Shihwa, Korea	Jangheon Industry co., LTD		220T	Single-box Beam Launcher	Tyre Trolley.	2010
Philippines						
MNTC-Harbor Link S10 Manila	Leighton Contractors Asia Ltd.	37-40.5m	85t	Single-box Beam Launcher	I-Girder moulds and Tyre Trolley.	2014 - 2016

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BEAM LAUNCHER (BL) & OTHER RELATED EQUIPMENT						
Colombia						
Autopista al MAR 1 Motorway Project	CONSORCIO MAR 1 (Sacyr Construccion Colombia S.A.S. Strabag S.A.S., and Conca S.A Joint Venture)	25-35m	50T	Single-box Beam Launcher (BL No.1)		2019
Autopista al MAR 1 Motorway Project	CONSORCIO MAR 1 (Sacyr Construccion Colombia S.A.S. Strabag S.A.S., and Conca S.A Joint Venture)	25-35m	50T	Single-box Beam Launcher (BL No.2)		2017

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PRECAST MOULD (PCM)			
Kuwait			
Jahra Road Project	Arab Contractors	Precast Segment Mould Four Bridges (Double Bridges) 1. Jahra Main Road (Main Bridge) 7260m, 2. Hospital Road (Cross Road) 611m 3. Ghazali Street (Cross Road) 734m. 4. Airport Road (Cross Road) 991m Cross fall: Varies Max = 5.2% Typical 2.0%, Longitudinal slope: 5.16%, Min. Horizontal Radius: 190m, Max. with of superstructure: 13,60m based on segment type C, Max. width of segment: 5,00m base on segment type E, Max. height of segment:5,868m. base on segment type E, Max. length of segment: 3,30m, Wt. of segment (Max.): 100 tons, base on segment E10	2012 - 2015
AUSTRALIA			
North West Rail Link	Salini Impregilo	Precast Segment Mould Type of superstructure : P.S.C. Box –Girder, Length of segment : 2.395- 3.114 m., Bridge type : Approach Viaduct and Cable-stayed Bridge, Outer shape type : 1 type, Inner shape type : 6 types, Typical segment (T1 and T2) of Approach Viaduct, Deviator segment (D1) of Approach Viaduct, E.J. segment (P1) of Approach Viaduct, Typical segment (T1, T1S, T2, T2S, T3, T3S, T4, T4S and T5) of Cable Stayed Bridge, Deviator segment (D1.1, D1.2, D2.1, D2.2, D3.1, D4.2, D5, D6.1 D6.2, D7.1, D7.2, D8.1, D8.2 and D9) of Cable Stayed Bridge, E.J. segment (P) of Cable Stayed Bridge, Minimum length of mould : 3.40 m.	2015
PHILIPPINES			
MNTC-Harbor Link S10 Manila	Leighton Contractors Asia Ltd.	I-GIRDER MOULD Type of superstructure : P.S.C. I-Girder, Length of segment : 37.0 – 40.5 m., Bridge type : Approach Viaduct Mould set-up type : 8 types, Minimum length of mould : 41 m.	2014 - 2015