

Technical Description Beam Launcher



Shenghua Heavy Crane Group

Beam Launcher

Beam Launcher is used in the erection of precast beam bridges for span by span method of construction for precast beam girders like U-beam, T-beam, I-beam, etc.

Has the features of supported erect, fixed-point lifting, hoisting beam body good stability, high efficiency, safe and reliable, convenient adjustment, easy to operate etc.

Product Overview

Beam Launcher mainly consists of main beam, cantilever beam, under guide beam, front and rear support legs, auxiliary outrigger, hanging beam crane, jib crane and electro-hydraulic system.

Designed for precast beam assembly without crane assistance the Beam Launcher is widely used for plain construction, can also meet the requirement for mountain building highway slope, small radius curved bridge, skew bridge and tunnel bridge.

There are 2 types of Beam Launchers supplied by Shenghua Heavy Crane Group — the single-box type and the double-truss type. With single or double truss Beam Launcher depending on the requirements of the project and with transport trolleys either on rails or with tyres depending on gradient and length of the bridge.



Product Features

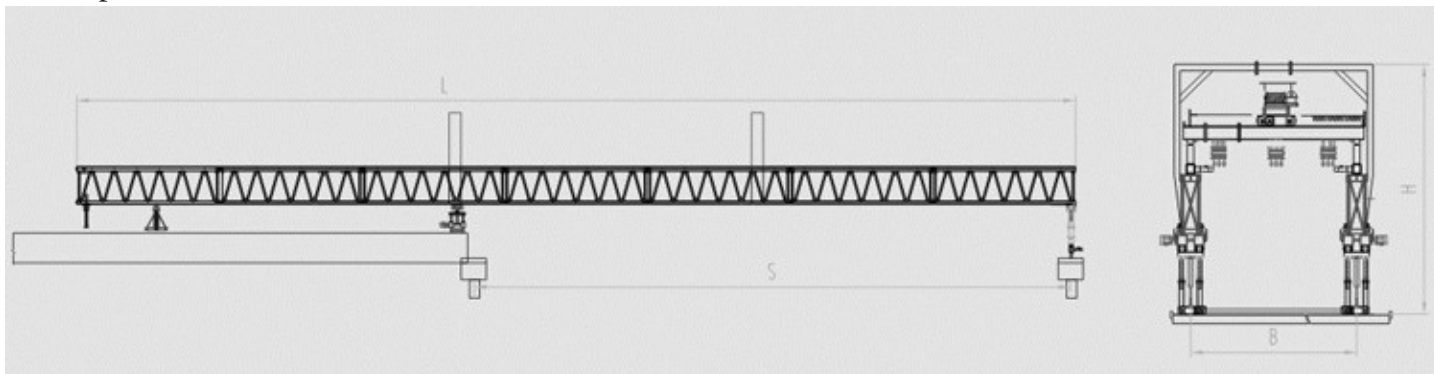
1. It's light weight, transportation, installation and removal is very convenient
2. The Beam Launcher represents a good stability, high efficiency, safety and reliability, easy to adjust variable cross and easy to operate
3. The legs do not through the bridge deck when longitudinal move, no need to lay vertical moving orbit, reduce the pressure on the deck
4. It has three method picking up the precast beam: from rear end of the beam launcher on the deck level, from below on ground level, or from bridge side



Beam Launcher Projects

160T V Girder Beam Launcher

The Pakistan KKH Highway Project adopt beam launching method with Shenghua Heavy Crane Group 160T V Girder Beam Launcher.



Details:

Client: CRCC 11th BUREAU GROUP

Project: A Bridge, KKH highway Project, Pakistan

Year of Manufacture: 2015

Precast Concrete: V Beam

Client: CRCC 11th BUREAU GROUP

Project: A Bridge, KKH highway Project, Pakistan

Year of Manufacture: 2015

Precast Concrete: V Girder

Characteristics:

Max span length: 40m

Winch lifting capacity: 160ton

Max transversal slope: $\leq 4.5\%$

Max longitudinal slope: $\leq 3\%$



SHENGHUA HEAVY CRANE GROUP

Add: Crane Industrial Park, Xinxiang City, Henan Province, China

Email: sales@shenghuacrane.com

Mobile: +86 155 373 17599

Tel: +86 373-3808200

Web: <http://www.shenghuacrane.com/>