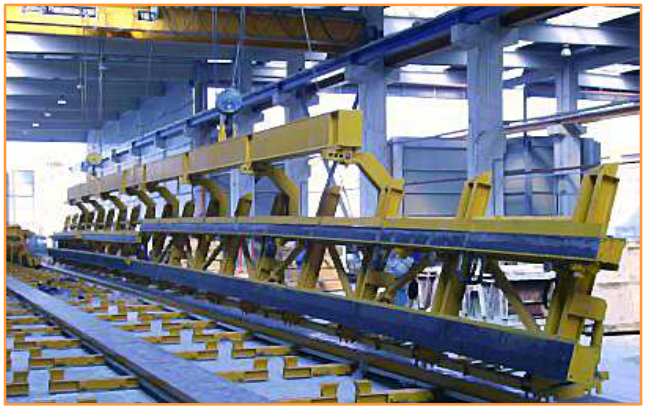
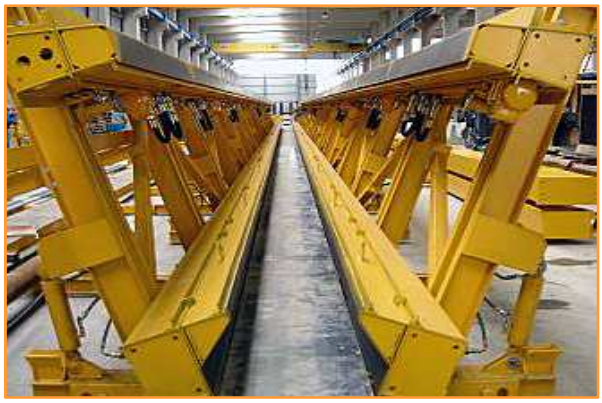
TBS-K

Hydraulic Girder Formwork System - movable by crane - for manufacturing parallel and saddleback roof girders

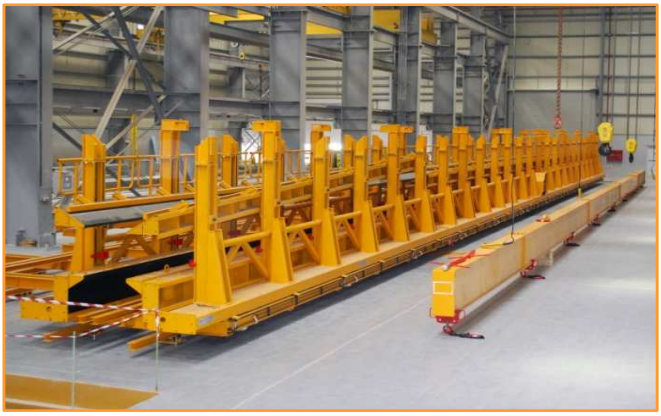
Formwork system with universal applications for manufacturing saddleback and parallel girders of the most varied designs with individual adjustment of both height and inclination. The "BSK" is a girder formwork unit in which the two separate formwork sides are positioned by means of a gantry crane along the base formwork onto the assembly profile stipulated by the construction site. Once the formwork elements have been set in place, they are positioned upright with hydraulic cylinders or rack and pinion jacks and locked together with an upper tie rod.





In the hydraulic version, there is a hydraulic power unit on each side with a HOLD / TILT function. The hydraulic hose lines can be disconnected by quick-release devices at the formwork joints. The upper chords are hooked into chord mountings that can be adjusted in height and a continuously variable adjustment of both height and inclination via spindles is possible in these lifting brackets. For girders with reinforced end supports, the upper and lower chords can be supplied with haunch modules in any raster length desired.

The formwork mirroring of the upper and lower chords is achieved either with 21 mm shuttering boards or else, as an option, with prefabricated steel mirrors in the case of a standardised girder programme. Handy plug-in assembly devices facilitate and speed up these technical procedures with the formwork.



The lengths in this girder formwork system are manufactured according to demand. As a general rule, a 16.0 m core length is equipped with 4.0 + 2.0 m elements detachable on both sides. A standard length totalling 36.5 m has proved to be the optimum. The standard production height is 2.0 m and upright heights of up to 3.5 m are possible according to need.

Vibration device

An electronically regulated frequency converter for controlling vibrator groups is built into both sides of the formwork. All control functions are carried out via a radio communication installation with multi-channel hand-held transmitter.

Technoplan system technik GmbH

Schadewalde 11 * D-06917 Jessen (Elster) * technoplan@gmx.de

Tel. +49 35387-71161 * Fax +49 35387-71289 * www.technoplan-schalungen.de