

Bridge at Lancy, Switzerland



Description

The lowering system for the railway bridge at Lancy (CEVA) was developed by Hebetec Engineering Ltd. and first time applied by Freyssinet.

The lowering / lifting system consisting of telescopic columns is laid out to execute the laborious piling works at ground level, which is a significant advantage for working safety.

The horizontal stability of the telescopic system is achieved by fixation to bridge pier.

Due to large lowering steps (270 – 360mm) rapid execution of lowering works can be achieved. A cylinder stroke of 400mm allows for the application of MegaSteel standard modules.



Facts

Installed lifting capacity:	1'600	t
Bridge weight:	800	t
Lowering distance:	1.6	m
Duration:	5	h

Handling equipment

DP-400-400:	8	pcs
PA-4-16:	3	pcs

