

Puhov Most Bridge, Ptuj, Slovenia



- DIVISION:** Sky Climber Europe
PROJECT NAME: Puhov Most Bridge, Slovenia
APPLICATION: Renovation and concrete repair

The Puhov Bridge is located in the city of Ptuj, in northeast Slovenia, the oldest recorded city in the country and crosses the Drava River. The bridge is 430 metres long and 18.7 m wide. It was opened in 2007. By 2017, light repairs were required to the concrete under-deck.

Sky Climber platforms were used during the refurbishment works.

Light Weight Stage (LWS) platforms up to 15m long were used. To allow an extended cantilever on one side and increase the rated load, the platform was reinforced with some tensioning cable stretched underneath the platform.

The platform was suspended from manual trolleys running on a monorail. The monorail was fixed to the sides of the bridge to allow traffic to pass freely. As works on each section was completed, the platform was lowered onto a barge and shifted to the next section. The monorail was dismantled and relocated to the next section.

The platforms were equipped with Alpha 500 traction hoists with integrated Sky OL overload detector and a central control box with integrated anti-tilt device.

Vertical Run	25m
Suspension system	Monorail
Type of platform	Light Weight Stage
Length of cradle	15 m
Cradle rated load	240kg
Type of hoist	Alpha 500 with Sky Grip safety device
Norms	EN1808