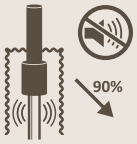
Bridges

The foundations of a bridge are of critical importance. Not only must they support the entire weight of the bridge, they also have to withstand dynamic loads, and be earth quake resistant. In the past decades upscaling in size of bridges and their foundations were necessary due to heavier traffic and increasing traffic flow.

Large diameter piles
For IHC IQIP large diameter piles are common practice. Offshore we have a vast experience driving the biggest Monopiles with a diameter up to 8 meters. We've taken this experience onto dry land and are capable of driving every pile size required with our wide range of hammers and sleeves. Our S-800 Hydrohammer® is frequently being used for bridge foundation works all over the world. One of the biggest hammers ever supplied for a bridge foundation project is the S-2000 Hydrohammer®.

Year	Project	Country	Hammer type	Pile size
2016	Padma Bridge	Bangladesh	S-2000	3,000mm
2016	Trans-Gambia Bridge	Gambia	S-150	1,200mm and 1,400mm
2016	Sallingsund bridge protection	Denmark	S-150	1,300mm
2015	Fremantle Rail Bridge	Australia	S-200	660mm
2015	Pingtai Strait Transocean Bridge	China	S-800	3,000mm
2014	Tappen Zee project	USA	S-800 and S-280	1,220mm and 1,830mm
2014	Kentucky Lake Bridge Project	USA	S-800	1,830mm
2013	Tresfjord Bridge	Norway	S-280	1,220mm and 1,423mm
2013	Izmit Bay Bridge Project	Turkey	S-280	1,600mm
2012	Tay road bridge Dundee	Scotland	S-280	918mm and 1,500mm
2011	Bridge De Friz, Vladivostok	Russia	S-280	1,220mm and 1,423mm
2011	Hongkong-Macau-Zhuhai Bridge	China	S-600	2,000mm


Steel to steel



Noise reduction


Local availability

The technology innovator.