

# Construction of a new pier at the Matsue port, Japan.



Matsue, the capital of the Shimane Prefecture, located between two lakes and the Sea of Japan, is renovating its port. The company Kochi Marutaka has been assigned the construction of a new pier of 100 m long and 8 m wide.



For this work, the contractor has chosen PTC 30HFVS variable moment Vibrodriver to realise the pile extraction and pile driving works needed to begin the pier construction.

First, the 30HFVS had to pull out 51 old casings, some of them immersed up to 10m underwater. These casings were 27 m long and had a diameter of 550 mm. Afterwards, the 30HFVS had to drive 32 casings along the new pier, which were 25 m and 26 m long and had a diameter of 500 mm.

## KEY FACTS

- Underwater pile extraction
- Groupe 650CO
- Clamps: 2 x 85 t
- Kobelco crane 7120FS (120 t)

