

Build on us



SOLETANCHE BACHY

Soletanche Bachy is a world leader in foundations and soil technologies, operating in 60 countries via a network of 80 subsidiaries and branches.

The Group offers effective and innovative construction solutions to public and private clients, in order to complete deep foundations, retaining structures, cut-off walls, reinforcing and civil works for all types of projects, from the largest international structures to the most local sites.

Through its subsidiaries, Soletanche Bachy operates as a general contractor and a specialist subcontractor to design, build, rehabilitate and maintain ports, dams, car parks, metros, tunnels, energy facilities, buildings, etc.

The Group provides environmental solutions by participating in the construction of structures with a positive impact, by implementing optimised technical solutions and by carrying out daily actions on our worksites.



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A subsidiary of  **SOLETANCHE FREYSSINET**

Hydrofraise® HF8C

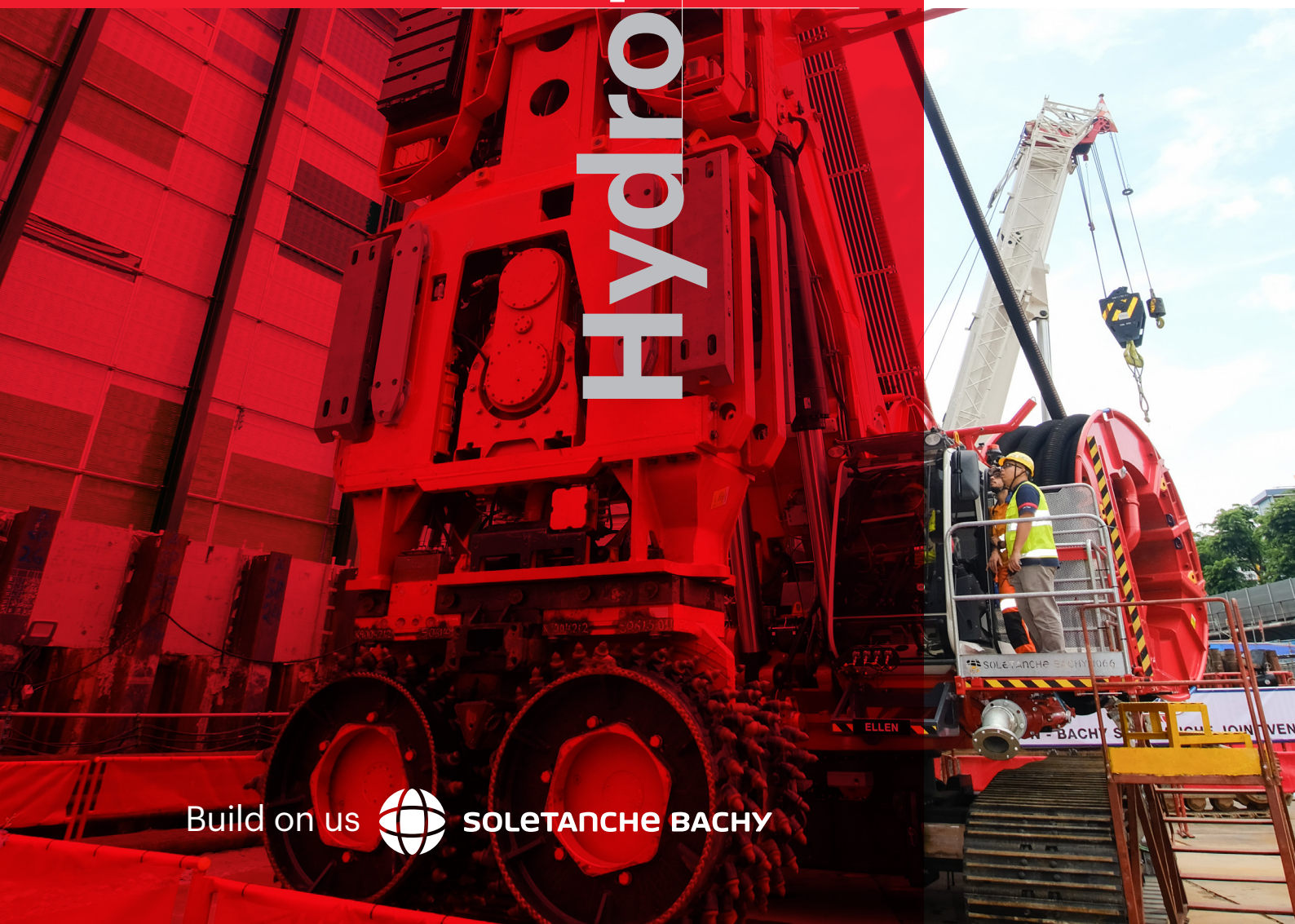
Hydrofraise® HF8C

Soletanche Bachy's solution for deep excavation with a compact footprint

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Hydrofraise® HF8C



Hydrofraise® HF8C

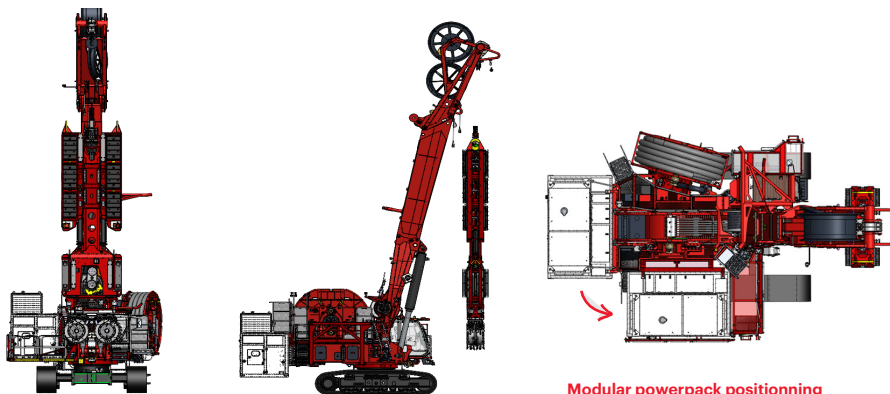
Pushing the boundaries of cutter excavation

The HF8C is the latest Hydrofraise® designed and assembled in-house by Soletanche Bachy, this machine is capable of reaching depths of up to 90 meters while maintaining a compact footprint.

It meets the demands of today's urban construction sites thanks to the modular configuration of its Powerpack that can be installed either on the back or on the side of the machine.

Like the entire Hydrofraise® range, it is equipped with grippers to work in hard rock. The Hydrofraise® HF8C also comes with digital technologies for control, supervision and data analysis, as well as environmental features such as an optional electric power pack.

TECHNICAL CHARACTERISTICS



Modular powerpack positioning

Power (kW)	565
Max weight (T)	182
Length (m)	8.4*
Width (m)	7.2*
Height (m)	19.3
Max pulldown (kN)	1500

*With the powerpack on the side

Drilling depth (m)	90
Drilling thickness (mm)	800 - 1000 - 1200 - 1500
Drilling width (mm)	2800 - 3600

THE BENEFITS FOR YOUR PROJECT

- ⊕ **More compact**
Easier deployment on urban sites.
- ⊕ **Reduced environmental impact**
The HF8C can be powered by an electric power pack.
- ⊕ **Data analysis**
Machine and drilling data can be analyzed on Soletanche Bachy's Zetta-Lyze big data platform.
- ⊕ **Digital control**
Latest generation monitoring and control technologies on touch screen.

EQUIPMENTS IN OPTION



Roller bits

Specially designed for very hard rock excavation.



Modular power pack

Easy to switch between electric or diesel and to use a detached power pack.

GRIPPERS



The HF8C's gripping module (patented) brings major improvements to the execution of diaphragm walls:

- » **stabilization of the tool**
- » **reduction of vibration**
- » **increased penetration into hard rock (>100MPa)**

