





French company Sefi-Intrafor, part of the Fayat Group, is currently undertaking foundation work ahead of construction on the new metro station of Saint-Denis Pleyel in Paris.

The station is one of the first on the forthcoming 16 Line - part of the Grand Paris Express project.

The Sefi-Intrafor is using a Soilmec hydromill SC-135 Tiger to excavate diaphragm wall panels with a thickness of 1.8 m and a depth of 55 m.

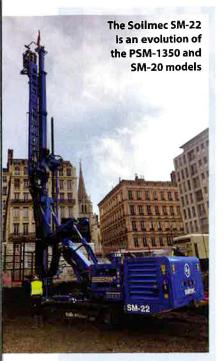
The technology onboard the SC-135 includes advanced contaminant protection for its hydraulic system, 90° module rotation and high-precision verticality control, as well as data production via a DMS control system.

The machine's safety enhancements include an anti-falling system, handrails, ladders and lashing points, while the modular design of the equipment allows for easy and safe maintenance and assembly.

The Tiger's drilling mate system (DMS) allows for real-time monitoring of operating parameters and the production process, with a dual-axis positioning sensor (or optional triple-axis version) controlling the geometry of the panel, with 2D and 3D graphics print outs.

The Soilmec SC-135 Tiger at work on the new Saint-Denis Pleyel metro station in Paris





Solid upgrades from Soilmec

Soilmec has introduced several innovations and range upgrades for various of its technologies, including large diameter piles, micropiles and hydromills.

With the SR125 High Tech platform, customers can choose a model and then create the rig that best suits their needs.

Four different models built on the same base machine are said to satisfy most industry through a plug-andplay system.

The Soilmec SM-22 is an evolution of the PSM-1350 and SM-20 models that have sold more than 300 units worldwide, and are said to have been completely redesigned to ensure high efficiency and productivity levels on site, together with the highest safety standards.

Soilmec also recently revealed its new Tiger SC-135 hydromill.

The company said its tried and tested technology has been further refined and it now offers some of the most advanced equipment currently on the market.

