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**APE DRILLS
IN THE
WILDERNESS
OF B.C.**

**KELLER TACKLES
COMPLEX SUBWAY
WORKS**

**ECA REIGNS
IN 100 YEARS
IN BUSINESS**

The new SR-65 EVO

Born smart for high performance



Soilmec revealed the all-new SR-65 EVO at the IFCEE 2018 show in Orlando, Fla., heralding the next step in the medium-size rigs market. As with all the new blue line rigs, the latest SR-65 is inspired by the concept design that highlights simplified structures, smooth proportions, high performance and an array of futuristic details. The SR-65 is born to do its best in LDP segmental casing technology and very deep CFA piles, achieving these targets by using a compact structure, a heavily

re-worked geometry that features the smartest transport configuration, a new range of rotary head and updated electronic system.

With a total weight of 71 US tons, the new rig has been thought for its ease of installation and the rapid start-up on site; in fact, it can be transported with the kelly bar still mounted on the mast. It is powered by a diesel engine Cummins QSL9 that is able to provide a power of 350 HP and can also be set up to offer a power surplus up to 380 HP,

making the rig capable of easily overcoming the most difficult situations.

A particular attention has been given to the design of the rotary and of the crowd system, available both in the cylinder version and the winch one. The rotary head is flat, compact and lightweight with a maximum torque of 190,660 lbft that allows to work with high performances even in the presence of rocks and very compact soils. Then, regarding the discharge of waste, the cus-

Introducing the newest addition to the Soilmec EVO Line

- ✓ Largest Soilmec rig to transport in a single load
- ✓ Designed for speed & efficiency without sacrificing power
- ✓ Rig up or down in under 30 minutes
- ✓ Outstanding segmental casing performance
- ✓ Sectional mast for Low Head Room configuration
- ✓ CFA kits available
- ✓ Lowest noise level in its category
- ✓ Highest safety and comfort
- ✓ Removable counterweight (option)



SR-65



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tommer can choose either the spin-off Soilmec system (it leverages the cinematic energy generated by the high-rotation speed, up to 135 rpm, and is unparalleled when using the auger) or the new click-click system, which is very efficient using the bucket and especially in very cohesive soils.

The cylinder crowd system, with an extraction power of 63,000 lbf, is equipped with a double positioner on the drilling mast. This allows usage of all the available track with both large-diameter tools (working under the lower part of the mast) and long casings. The rig can also be equipped with the winch crowd system that can offer a track of more than 16 m and most of all a power of 74,200 lbf, that is perfect to execute cased piles through the rotary.

The design of the machine is solid and compact too. The tail swing radius is just 12.3 ft and these features allow the SR-65 EVO to mount telescopic kelly bars of 54 ft in order to reach a maximum excavation depth of 256 ft with friction bars and 205 ft with mechanic locking bars.

Soilmec's medium-size model will be more

dynamic and stronger than its predecessors, according to insiders at the company's headquarters in Cesena.

"The SR-65 EVO represented an ambitious challenge for our team of developers," said Alessandro Dittillo, large diameter pile product line manager. "This new product has in some way tested all our competencies and skills, since the goal was to make a real jewel of technology. The degree of innovation we reached during this project makes the SR-65 EVO, with all its features, a unique machine in the actual landscape of the equipment for foundation engineering."

One feature above all, Dittillo said, the SR-65 EVO can be transported with the kelly mounted on the machine, with a total weight under 71 US tons and height under 11.4 ft. This is a mission impossible that the Soilmec developers' team was able to complete with reduced size, compactness and state-of-the-art functionality. Power, rotary torque and minimal noise impact make this rig best-in-class in its segment.

Rapidity, efficiency, transportability, power and control – these are all synonyms for Soil-

mec SR-65 EVO," Dittillo said. "It's a clear distinction for all, state-of-the-art in the foundation technology, useful, easy and powerful or, in a few words, really innovative."

Marco Chiarabelli, Soilmec North America director, said the SR-65 EVO stands out as a unique rig in its segment.

"Soilmec managed to co-ordinate as well as possible transportability, power and versatility," Chiarabelli said. "The machine can be moved with the kelly still mounted on so, when it gets to the job site, it can start working in less than 30 minutes. In terms of torque, pull up and clearance, the SR-65 EVO ranks on top among the available options in the market and represents the ideal choice for the execution of the segmental casing technology and CFA (augered cast piles). The modular mast engineered for this unit allows to set the machine in LHR configuration by simply removing the upper element thus reducing the overall height to just 27.8 ft. Soilmec believes that the SR-65 EVO is the best answer for all the contractors looking for performance and versatility." ●