

Comacchio unveils new, compact MC 15 drilling rig

The new, compact yet powerful Comacchio MC 15 hydraulic drilling rig features an operating weight from 14 to 16 t. The machine can be used for various ground engineering works, from micropiles to jet grouting, as well as anchor drilling. Powered by a 119 kW Cummins engine, the MC 15 has a mast with 8 t pull and 4,000/7,000 mm feed stroke.

A highlight of the machine is the variety of movements and inclinations that it can perform thanks to its mast articulation, allowing the machine to be used even in confined spaces. Equipped with advanced modular hydraulic circuits, the MC 15 can utilise a wide range of rotary heads providing up to 2,400 daNm actual torque, hydraulic drifters, double head systems, water and mud pumps, winches and rod carousels and is suitable for rotary and rotary-percussive drilling.

The MC 15 can also be fitted with hydraulic proportional servo-assisted controls, radio control or double controls (both hydraulic and radio). Like all Comacchio rigs, the MC 15 can be tailored to the customer's needs. The MC 15 in the High Tech Line version is powered by the latest generation Cummins QSB 4.5 Stage 3B/Tier 4 Interim engine, meeting the new emissions regulations.

Headquartered in Italy, Comacchio Srl is a global manufacturer of hydraulic drilling rigs specifically for the small to medium diameter hole market. Founded in 1986, Comacchio has four main product lines with more than 45 models. The MC line comprises a comprehensive range of drilling rigs for civil engineering works, such as micropiles, anchors, jet grouting and ground improvement in general. The GEO line covers the full spectrum of geotechnical activities, such as investigations, environmental drilling, coring etc, as well as water well drilling, geothermal and mining exploration. The MC-T line represents truck-mounted rigs mainly used for geotechnical works, water well drilling and exploration. The MC-E line consists of rigs mounted on hydraulic excavators mainly used for ground improvement works and anchors. Comacchio also manufactures special hydraulic drilling rigs that are custom designed to meet specific needs (MC-S line).

Comacchio has a worldwide sales network that includes 28 distributors and partners. The company recently appointed Foundation Associates Engineering Pte Ltd as its agent for the full range of Comacchio hydraulic drill rigs in Singapore. ■

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Left and right: The new Comacchio MC 15 hydraulic drilling rig is suitable for various ground engineering works, from micropiles to jet grouting, as well as anchor drilling. Here some MC 15 machines being shown during the company's open house at its Riese Pio X facility in October 2013. Foundation Associates Engineering Pte Ltd is the Singapore agent for the full range of Comacchio hydraulic rigs.