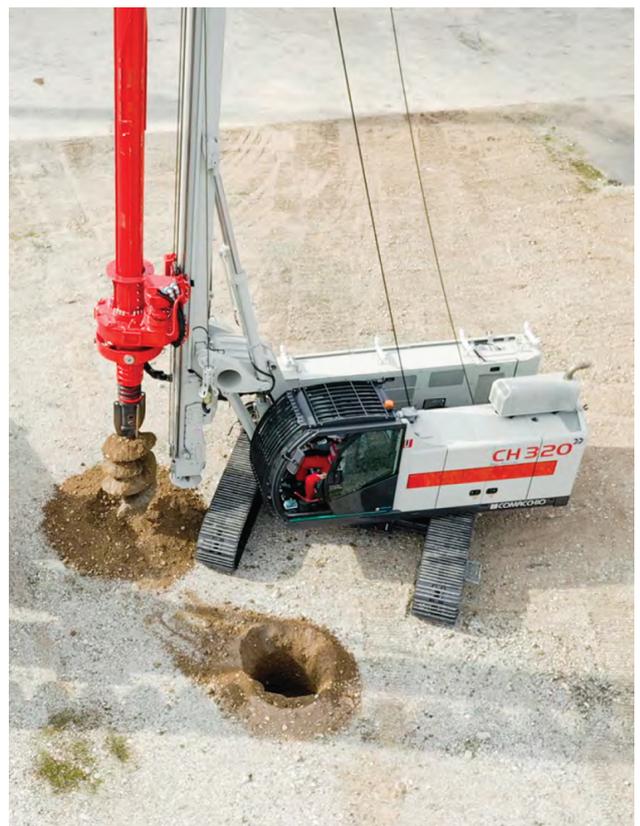


NEW PRODUCT NEWS: COMACCHIO

COMACCHIO CH 320

With several units introduced in the US and European market since the end of 2020, the CH 320 marks a further expansion of the CH range of Comacchio piling rigs, aimed at satisfying customer needs for compact and lightweight machines supporting multiple drilling technologies. The new CH 320 has a transport weight of less than 70,000 lbs with rotary and Kelly bar installed and is completely self-erecting: with the help of automated rig-up systems, it can be unloaded from the truck and put into operation in just a few minutes. The variable gauge undercarriage with telescoping side frames allows reducing transport dimensions and offers enhanced stability during set-up and drilling.

Despite its compact and lightweight design, the CH 320 offers high torque output (up to 97,300 nominal torque) and can tackle drilling tasks that would normally require the use of larger and heavier equipment. The CH 320 has been designed with a particular focus on the construction of drilled shafts in caving conditions using temporary casings. The casing is advanced into the ground directly by the rotary drive, reaching up to 35 in pile diameter, while the maximum diameter of uncased shafts using dry excavation can range from 46 to 59 in (with the tool below mast), with a maximum depth of 156 ft.



The CH 320 is equipped with a Cummins B4.5 engine, complying with Stage V (EPA Tier 4 Final) emissions standards. Special focus is placed on obtaining the highest energy efficiency. Thanks to the innovative HPE (High Power Efficiency) system, the power supplied to the pumps is electronically controlled in order to

eliminate energy losses in the circuits, therefore fuel consumption is significantly reduced. The engine cooling system uses optimized fan drive technology to adjust heat dissipation to the actual operational needs, which translates into lower emissions, lower fuel consumption and lower noise levels.

The CH 320 stands out for its ergonomic design and enhanced safety, complying with FOPS-1 and TOPS safety standards. The cabin is fully glazed and fitted with sliding door. The operator's workspace is equipped with a 7-in color touch screen display connected to the CCS system: a user-friendly control software designed entirely by Comacchio that manages all drilling parameters and machine functions and allows for fault detection. This system can be integrated with the ComNect remote fleet management tool, developed by Comacchio to provide customers with real-time information on the status of the machine and its performance and to offer highest level after sales support. ComNect can be easily accessed from authorized PCs or mobile devices through a dedicated portal and can be used for operational data analysis, production reporting and predictive maintenance. ▲