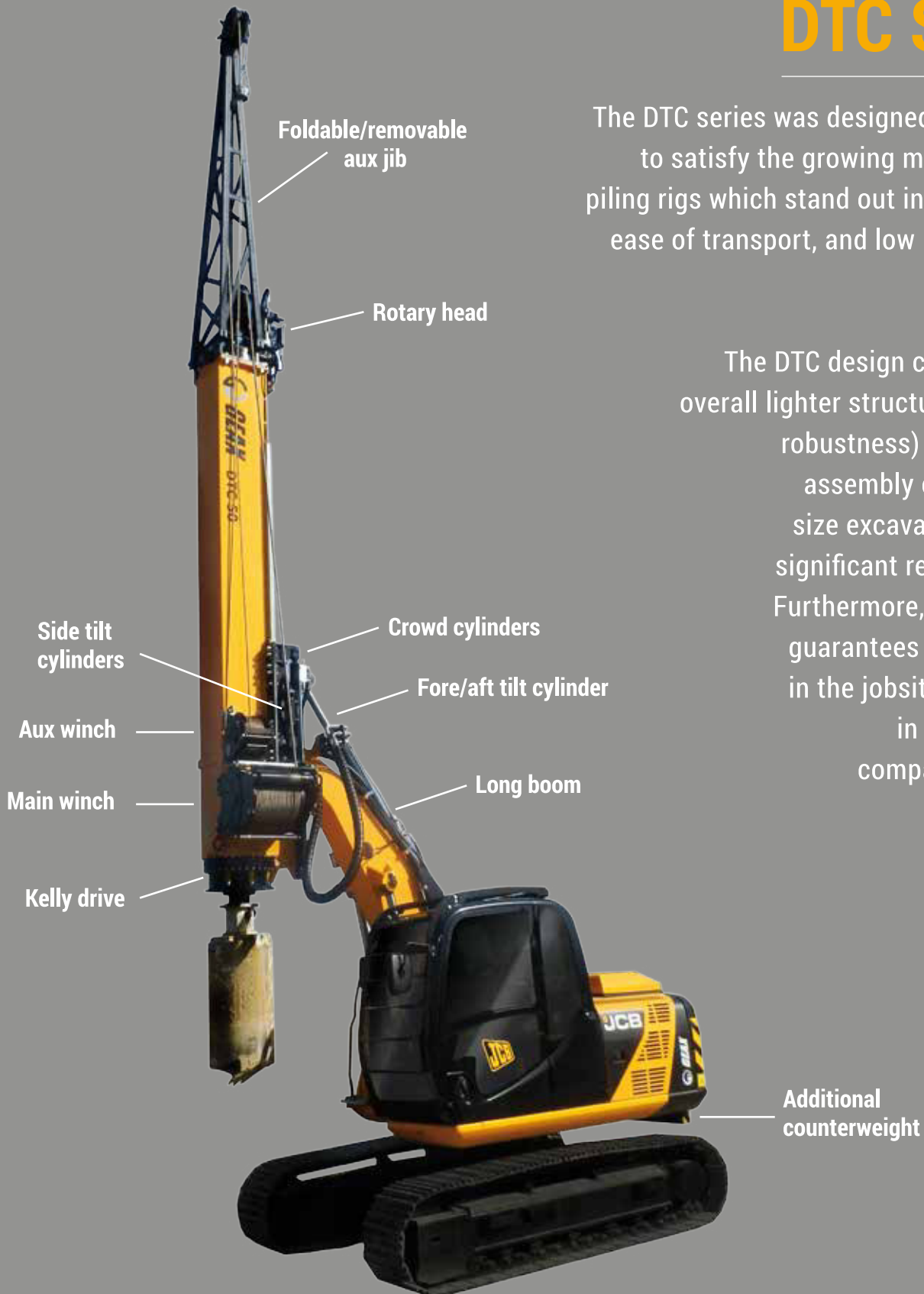


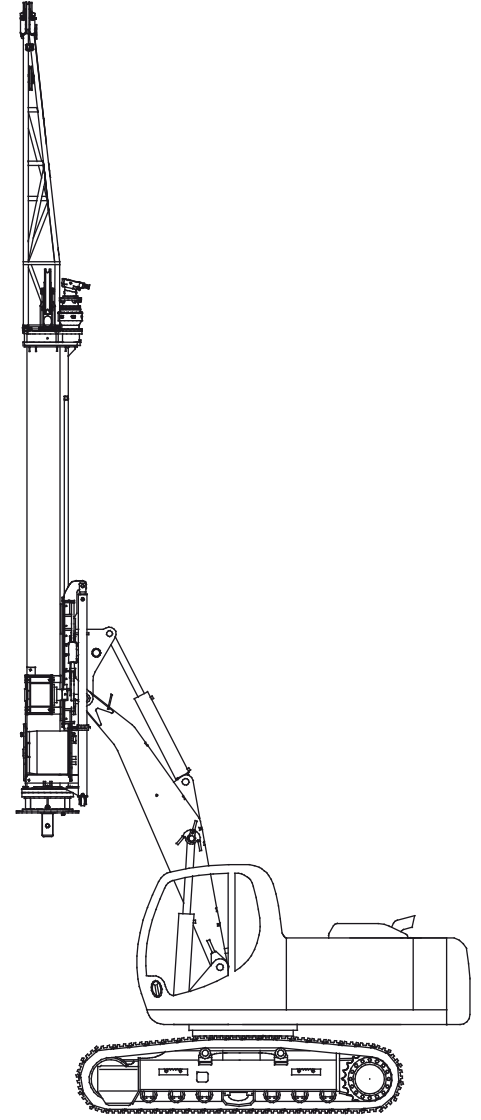
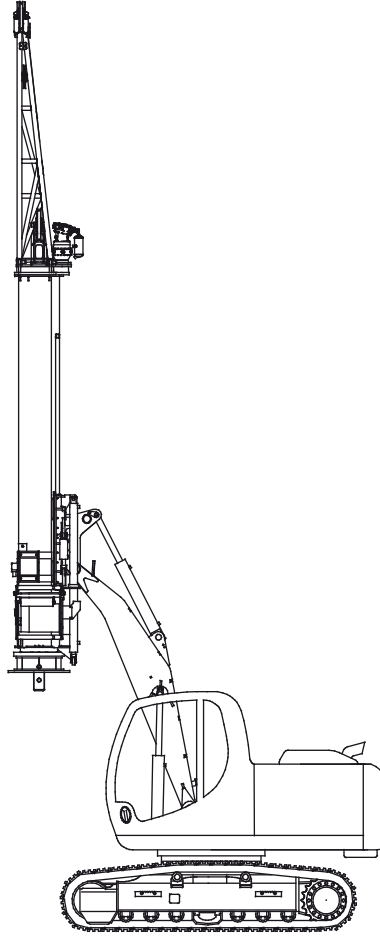
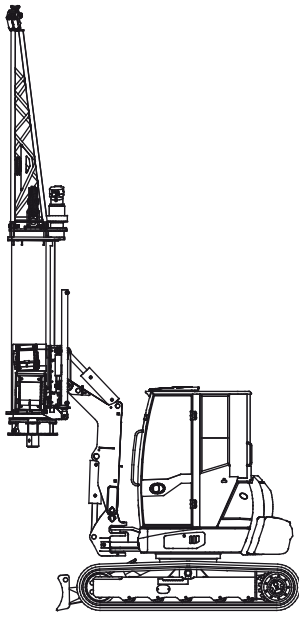
DTC SERIES

The DTC series was designed in 2006 in order to satisfy the growing market of compact piling rigs which stand out in maneuverability, ease of transport, and low maintenance and running costs.

The DTC design choices ensure an overall lighter structure (at equivalent robustness) which permit the assembly on medium-small size excavators, leading to a significant reduction in costs. Furthermore, its compact size guarantees a superior agility in the jobsites, which results in high productivity comparable with much larger piling rigs.



Its innovative architecture consists of a steel boom which support a monolithic mast capable of independent vertical translation. The new concept of a boxed steel mast, which internally contains the telescopic Kelly bar, allowing for a higher rigidity, better stability (the Kelly bar is closer to the crawler base compared to an external Kelly configuration), and a reduction of noise during the tool discharge.



DTC30

Engine power	JCB 38.4 kW - 51 hp Kubota 36 kW - 49 hp
Width over tracks	1980 mm - 6.49 ft
Nominal torque	27 kNm - 19.900 lbf ft
Main winch line pull	35 kN - 7.800 lbf
Max pile diameter	800 mm - 32 in
Max pile depth	14.5 m - 47.5 ft
Min working height	4.000 mm - 13.1 ft
Weight (w/o tool)	9.000 kg - 19.800 lb

DTC50

Engine power	JCB 81 kW - 109 hp Hitachi 73.4 kW - 98 hp
Width over tracks	2.490 mm - 8.17 ft
Nominal torque	47 kNm - 31.000 lbf ft
Main winch line pull	80 kN - 18.000 lbf
Max pile diameter	1.200 mm - 48 in
Max pile depth	up to 25 m - 82 ft
Min working height	from 6.200 mm - 20.3 ft
Weight (w/o tool)	from 16.000 kg - 35.300 lb

DTC80

Engine power	JCB 93 kW - 125 hp Hitachi 90.2 kW - 121 hp
Width over tracks	2.490 mm - 8.17 ft
Nominal torque	82 kNm - 60.500 lbf ft
Main winch line pull	120 kN - 26.980 lbf
Max pile diameter	1.500 mm - 60 in
Max pile depth	up to 31 m - 101.70 ft
Min working height	8.130 mm - 26.6 ft
Weight (w/o tool)	24.000 kg - 52.900 lb

Other unique features include the possibility of a wide range of mast positions, with longer reach compared to a traditional machine, along with better visibility of the working area. The winches, mounted directly on the mast, make the rope movements independent from the mast positioning, improving the easiness of operation and cables' durability.