

DTC80

HYDRAULIC PILING RIG



GEAX DTC80

AGILITY ON SITE

COMPACT DESIGN

The DTC80, like all the Geax DTC series rigs is characterized by a very compact design which makes it the machine of choice for limited access, narrow and very low headroom jobsites.

UNIQUE ARCHITECTURE

The Geax DTC series are characterised by a long supporting boom and a sliding monolithic mast which encloses the kelly bar internally. This solution guarantees a stiffer and lighter design, enabling a great variety of tool positioning including long reach.

MANEUVERABILITY

With its compact dimensions and proverbial stability, the DTC80 can drill in any site including slopes, uneven terrains, and tight spaces. The higher maneuverability allows fast movements compared to a traditional rig.

HIGH PRODUCTIVITY

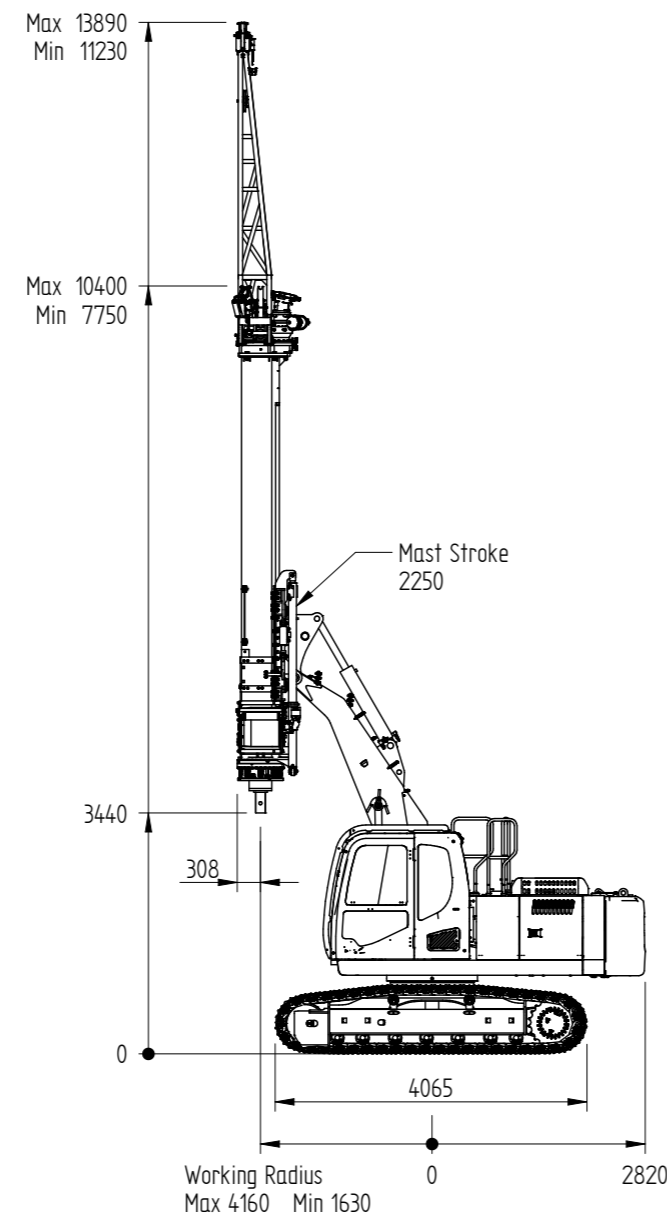
Thanks to the high maneuverability on site, and the efficiently engineered hydraulics with high quality components, the DTC80 offers superior performance relative to the size, while keeping very low running costs.



KELLY BAR OPTIONS

n° elements x m		Depth
6 x 5.4 (standard)	m - ft	30 - 100
5 x 5.4 Heavy Duty	m - ft	25 - 82

All kelly bars are round interlocking



TECHNICAL DATA SHEET



BASE CARRIER

Engine	type	1204F - DL06
Exhaust emission	EU	-
	EPA	Tier4f - 3
Engine power	kW (hp)	97.4 (131) - 88 (120)
Main pumps	l/min	2x152
Hydraulic pressure	bar	330



MAST

Forward tilt	deg	>10
Backward tilt	deg	>10
Lateral tilt	deg	± 5.5
Mast vertical stroke	mm - ft	2.250 - 7.4



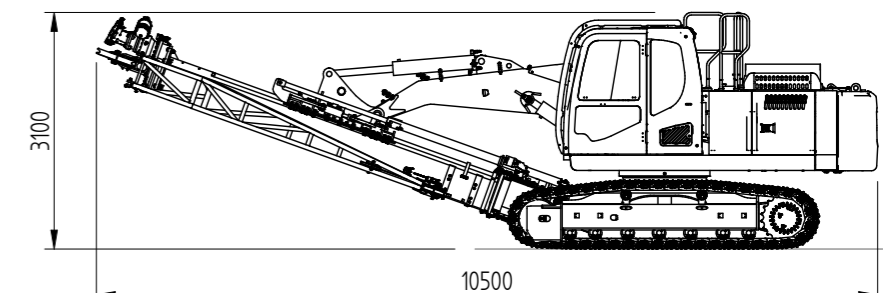
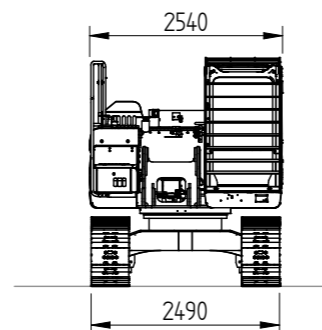
WINCHES

Main winch line pull (1st layer)	kN - lbf	110 - 24.730
Aux winch line pull (1st layer)	kN - lbf	50 - 11.240



DRILLING

Max pile diameter ¹	mm - in	1.500 - 60
Std pile depth	m - ft	30 - 98.5
Max pile depth	m - ft	30 - 98.5
Rotary stroke on mast	mm - ft	-
Total rotary stroke	mm - ft	2.250 - 7.4
Min working headroom	mm - ft	7.750 - 25.4



UNDERCARRIAGE

Tracks width	mm - ft	2.490 - 8.2
Tracks length	mm - ft	4.065 - 13.3
Track shoes	mm - ft	500 - 1.64
Tail radius	mm - ft	2.820 - 9.25



ROTARY HEAD

Torque (nominal)	kNm - lbf ft	76 - 56.050
Drilling speed	rpm	10 - 35
Spin-off speed	rpm	70



CROWD SYSTEM

Pull down force	kN - lbf	145 - 32.600
Extraction force	kN - lbf	140 - 31.500



TRANSPORT

Length	mm - ft	10.500 - 34.5
Width	mm - ft	2.540 - 8.3
Height	mm - ft	3.100 - 10.2
Weight	kg - lbs	25.300 - 55.780

- Values are effective except where otherwise specified.
- Technical data are provided as indicative information only, they are subject to change without prior notice.

NOTES: 1. Recommended



WWW.GEAX.IT
email: info@geax.it
tel: +39 0717131953

GEAX srl
Contrada Passatempo 19
Montefano (MC) ITALY