



Rotary Piling Rigs

equipped with locking kelly bar

Model	Torque kNm	Thrust daN	Max depth m	Max diameter(*) mm	Crawler base type	Engine power kW	Tot. weight t
CF2.5	25	9500	15	800	Eurocomach ES 500 ZT	37	7
CF2.5 Compact	25	8000	15	800	TESCAR base	42	8,5
CF2.5A	25	9500	15	800	Bobcat E50	37	8
CF2.5A	25	9500	15	800	Hitachi Zaxis 52 U-3	38	8
CF3	35	13000	24-28	1000	Hitachi Zaxis 70 LC-3	39	11
CF3	35	13000	25	1000	Eurocomach ESP100	47	13
CF3P	35	10200	22	1000	Hitachi Zaxis 70 LC-3	39	11
CF3S	35	10200	22	1000	Kubota EX80	48	11
CF3SC	35	10200	22	1000	Kubota EX80	48	12
CF4	40	11000	24-28	1100	TESCAR base	106	15
CF4 Railway	40	19000	22	1200	Hitachi Zaxis 130 W	71	17
CF6	60	20000	28-32	1200	Hitachi Zaxis 130 LCN-3	69	20
CF6T	60	20000	28	1200	TESCAR base	106	17
CF6 CAT	60	20000	28-32	1200	Caterpillar 312 DL	67	20
CF10	100	23300	36-43	1300/1500(**)	TESCAR base	129	30
CF18	235	19000	60	1800/2300(**)	Hitachi Zaxis 350-5	202	57

(*) Suggested max diameter for the best rig productivity

(**) Working under the mast bottom tail



CFA Rotary Piling Rigs *equipped with Continuous Flight Auger*

Model	Torque kNm	Max depth m	Max diameter mm	Crawler base type	Engine power kW	Extraction force t	Tot. Weight t
CF3 CFA (6+3)	35	9	500	Hitachi Zaxis 70 LC-3	39	8	9
CF4 CFA (8+3)	40	11	600	TESCAR base	106	10	13
CF6 CFA (9+3)	60	12	700	Hitachi Zaxis 130 LCN-3	69	14	18
CF6T CFA (9+3)	60	12	700	TESCAR base	106	14	14
CF6 CAT CFA (9+3)	60	12	700	Caterpillar 312 DL	67	14	18
CF6 CFA (12+3)	60	15	700	Hitachi Zaxis 130 LCN-3	69	16	21
CF10 CFA (11+4)	100	15	800	TESCAR base	129	20	27
CF10 CFA (15+3)	100	18	800	TESCAR base	129	24	28
CF18 CFA (16+6)	235	22	1200	Hitachi Zaxis 350-5	202	60	52
TCA12 on Crane	60	12	600	Hitachi Zaxis 210 LCN-3	95	12	28
TCA30 on Crane	140	33	1200	Crawler Crane	130	45	20+Crane



Micropiles/Soil Investigation Rigs - Horizontal Drilling Rigs equipped with on-board or separate Power Pack

Model	Torque kNm	Max depth m	clamp max diameter mm	Extraction force kN	Engine power kW	Tot. Weight t
TES 20 with power pack	2,5	40	76 -150	20	37	2
TES 20 Compact	2,2	40	76 -150	20	37	2
TES 40 with power pack	5	80	76 - 200	40	59	6
TES 40 Compact	5	80	76 - 200	40	59	6
TES 100	12 - 18	140	90 - 310	60	85	12
TES 120	13	200	80 -300	160	150	/
TES 135	15	300	80 - 300	250	208	/
TES 160	28	600	100 - 480	400	268	/
TES 40/1000	40	60	1000	140	49	6





Cranes

on crawler base with lattice or telescopic boom

Model	Load capacity t	Nom. line pull kN	Engine power kW	Crawled base type	Max boom length m	Tot. Weight t
T/4	4	II	41	New Holland E 70 SR	8	7
T/10	12	II	95	Hitachi Zaxis 210	17	22
T/20	20	IV	95	Hitachi Zaxis 210	9 - 17	27
T/20	20	II	129	TESCAR	9 - 17	27
T/30	30	III	140	Hitachi Zaxis 240	9 - 15 - 21	30
T/30	30	III	129	TESCAR	9 - 15 - 21	30
T/40	40	IV	205	Hitachi Zaxis 270	9 - 15 - 21	40
T/40	40	IV	129	TESCAR	9 - 15 - 21	40