



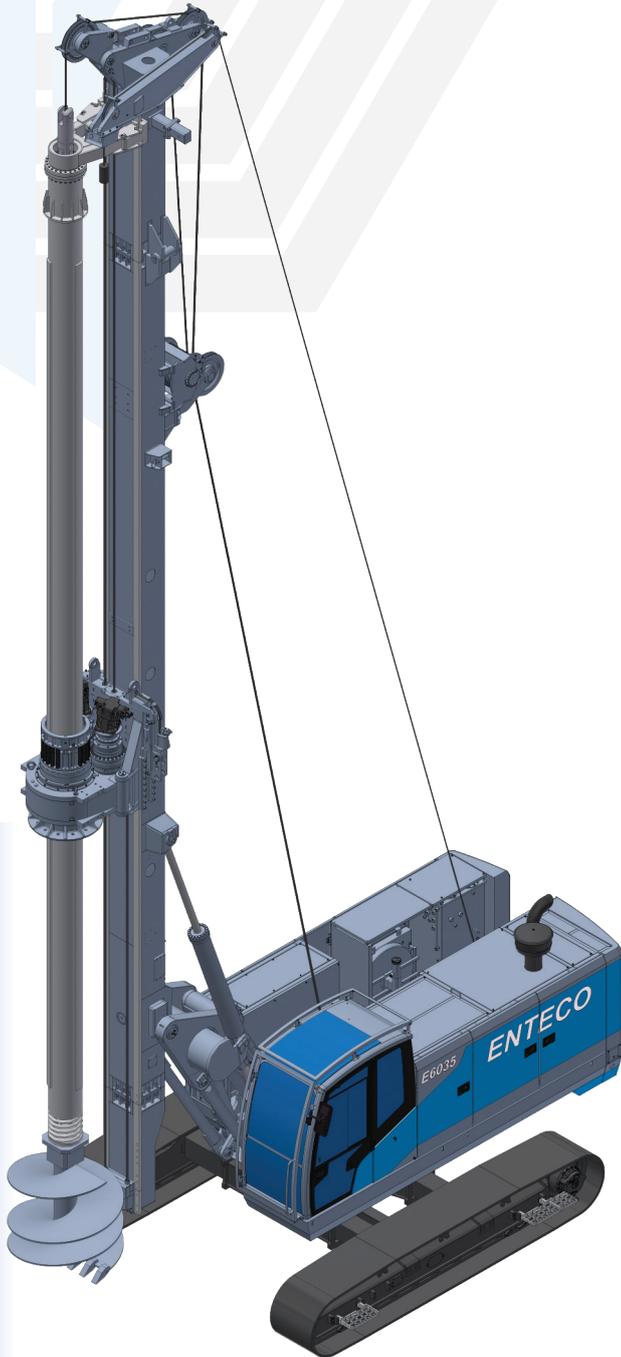
E6035 E6040 E6045

MULTIPURPOSE RIG WITH
PANTOGRAPH SYSTEM



E6035

MULTIPURPOSE DRILLING RIG



The **E6035** is the smallest self-erecting rig from the E6000 Series, designed to be compact, lightweight, and extremely easy to transport and operate. Its signature pantograph mast support system ensures optimal mast handling and ultra-fast alignment on the drilling axis.

Equipped with a **pull-down winch**, the **E6035** is a truly **multipurpose** rig, suitable for many other technologies (DTH, SV with vibrator, Soil Mixing...).

E6035 MAIN FEATURES

WEIGHT	35 ton	77,200 lbs
ENGINE POWER	150 kW	201 HP
ROTARY TORQUE	130 kNm	96,000 lbf-ft

BORED PILES (R)

MAX DEPTH	50 m	164 ft
MAX DIAMETER	1500 mm	59 in

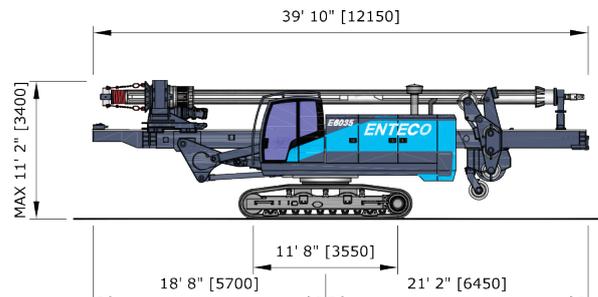
SOIL DISPLACEMENT (SP)

MAX DEPTH	21 m	69 ft
MAX DIAMETER	600 mm	24 in

CONTINUOUS FLIGHT AUGER (CFA)

MAX DEPTH	21 m	69 ft
MAX DIAMETER	900 mm	36 in

Transport width: 2550 mm / 100 in – **Transport weight:** 35 ton / 77,200 lbs



E6035 BASE MACHINE

CRAWLERS

Overall width	2550÷3600 mm	100÷142 in
Track pads	600 mm	24 in
Crawlers tramping speed	2,1 km/h	1.3 mph

DIESEL ENGINE

	Tier 4f / stage V	Tier 3 / stage IIIA
Type	CUMMINS B4.5	VOLVO TAD552
Engine power	150/201 kW/HP	160/218 kW/HP
Fuel tank capacity	400 l	106 gal

MAIN WINCH

Max. line-pull 1st. Layer	130 kN	29,230 lbf
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AUXILIARY WINCH

Max. line-pull 1st. Layer	50 kN	11,240 lbf
Free-fall device	option	option

MAST

Front / rear inclination	+4°/-15°	+4°/-15°
Side inclination	± 4°	± 4°

E6035-R130

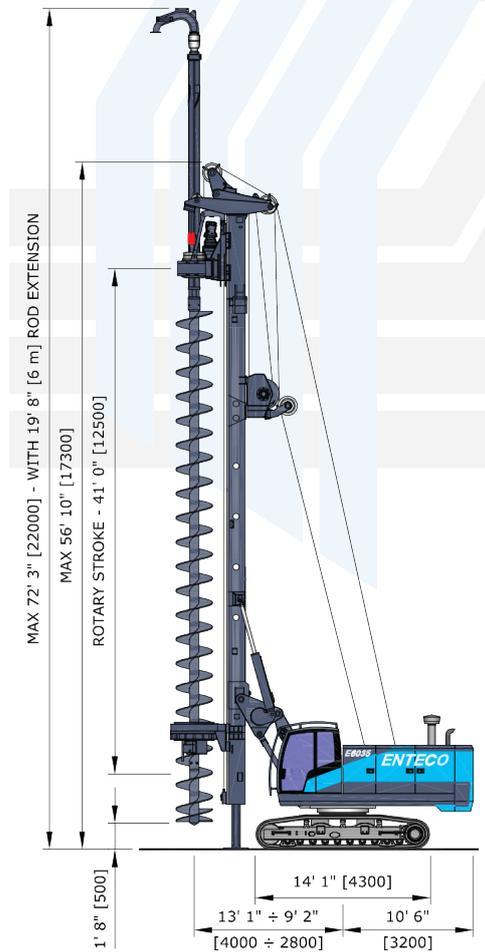
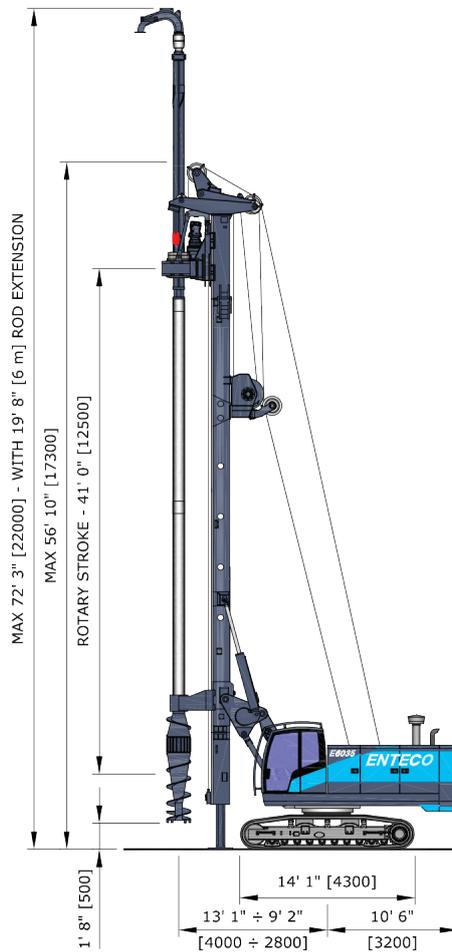
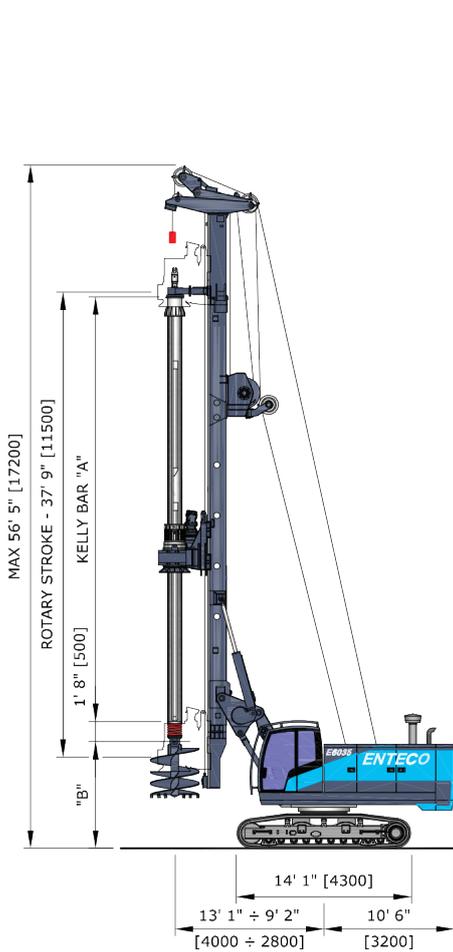
BORED PILES KIT

E6035-SP130

SOIL DISPLACEMENT KIT

E6035-CFA130

CONTINUOUS FLIGHT AUGER KIT



E6035	Bored Piles Kit (R)		Soil Displacement Kit (SP)		CFA Kit	
Operating weight (up to)	35 ton	77,200 lbs	35 ton	77,200 lbs	35 ton	77,200 lbs
Drilling diameter	400÷1500 mm	16÷59 in	300÷600 mm	12÷24 in	350÷900 mm	14÷36 in
Max drilling depth	50 m	164 ft	21 m	69 ft	21 m	69 ft
SP/CFA extensions	-	-	3,6,9 m	10,20,29.5 ft	3,6,9 m	10,20,29.5 ft
CROWD SYSTEM	Cylinder/WINCH		WINCH		WINCH	
Rotary stroke (Cylinder)	4500 mm	14.8 ft	-	-	-	-
Rotary stroke (WINCH)	11500 mm	37.7 ft	12500 mm	41 ft	12500 mm	41 ft
Crowd force	130 kN	29,230 lbf	130 kN	29,230 lbf	130 kN	29,230 lbf
Extraction force	130 kN	29,230 lbf	390 kN	87,700 lbf	390 kN	87,700 lbf
ROTARY	ENTEKO RH41/1		ENTEKO RH41/1		ENTEKO RH41/1	
Max torque	130 kNm	96,000 lbf-ft	130 kNm	96,000 lbf-ft	130 kNm	96,000 lbf-ft
Max drilling speed	33÷60 rpm	33÷60 rpm	33÷60 rpm	33÷60 rpm	33÷60 rpm	33÷60 rpm

INTERLOCKING KELLY-BARS FOR R-KIT					
Dimension	"A"		MAX "B"		MAX DEPTH
3x7	7 m	23 ft	7,6 m	24.9 ft	18 m 59 ft
3x9	9 m	29.5 ft	5,6 m	18.4 ft	24 m 79 ft
3x11	11 m	36 ft	3,6 m	11.8 ft	30 m 98.5 ft
4x7	7 m	23 ft	7,6 m	24.9 ft	24 m 79 ft
4x9	9 m	29.5 ft	5,6 m	18.4 ft	32 m 105 ft
4x11	11 m	36 ft	3,6 m	11.8 ft	40 m 131.5 ft

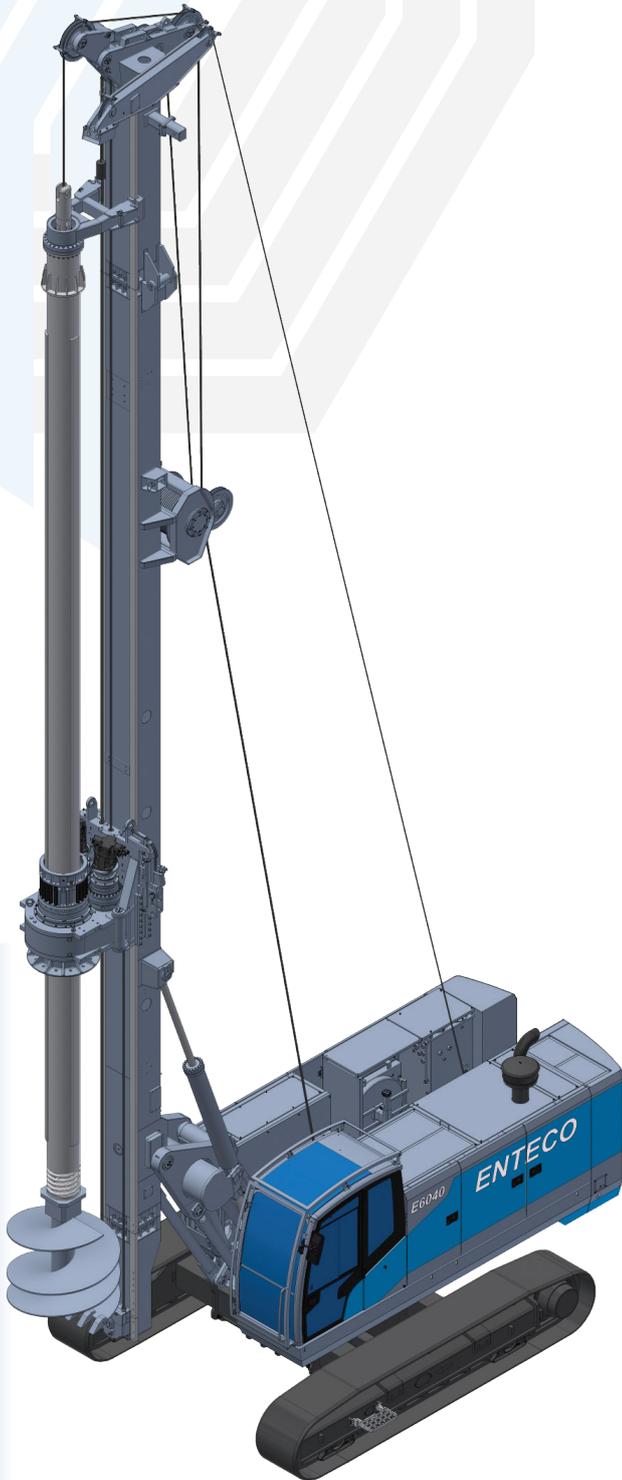
FRICTION KELLY-BARS FOR R-KIT					
Dimension	"A"		MAX "B"		MAX DEPTH
4x7	7 m	23 ft	7,6 m	24.9 ft	24 m 79 ft
4x9	9 m	29.5 ft	5,6 m	18.4 ft	32 m 105 ft
4x11	11 m	36 ft	3,6 m	11.8 ft	40 m 131.5 ft
5x7	7 m	23 ft	7,6 m	24.9 ft	30 m 98.5 ft
5x9	9 m	29.5 ft	5,6 m	18.4 ft	40 m 131.5 ft
5x11	11 m	36 ft	3,6 m	11.8 ft	50 m 164 ft

Other dimensions available

Other dimensions available

E6040

MULTIPURPOSE DRILLING RIG



The **E6040** is a self-erecting rig from the E6000 Series, designed to be compact, lightweight, and extremely easy to operate and transport. It features Enteco's signature pantograph mast support system, which allows optimal mast handling for ultra-rapid positioning on the drilling axis.

Multipurpose, ready for any drilling challenge (DTH and DTHR, Soil Mixing, Double Rotary, SP-HG, Pile driving, SV with vibrator...)

E6040 MAIN FEATURES

WEIGHT	40 ton	88,200 lbs
ENGINE POWER	239 kW	321 HP
ROTARY TORQUE	150 kNm	111,000 lbf-ft

BORED PILES (R)

MAX DEPTH	55 m	180.5 ft
MAX DIAMETER	1500 mm	59 in

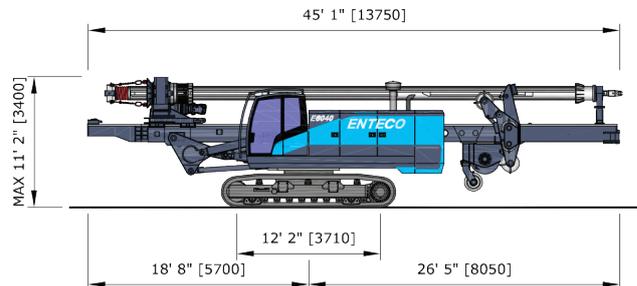
SOIL DISPLACEMENT (SP)

MAX DEPTH	22 m	72.5 ft
MAX DIAMETER	600 mm	24 in

CONTINUOUS FLIGHT AUGER (CFA)

MAX DEPTH	22 m	72.5 ft
MAX DIAMETER	1200 mm	78 in

Transport width: 2550 mm / 100 in – **Transport weight:** 40 ton / 88,200 lbs



E6040 BASE MACHINE

CRAWLERS

Overall width	2550÷3700 mm	100÷146 in
Track pads	600 mm	24 in
Crawlers tramping speed	2,1 km/h	1.3 mph

DIESEL ENGINE

	Tier 4f / stage V	Tier 3 / stage IIIA
Type	CAT C7.1	CAT C7.1
Engine power	239/321 kW/HP	225/300 kW/HP
Fuel tank capacity	400 l	106 gal

MAIN WINCH

Max. line-pull 1st. Layer	165 kN	37,100 lbf
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AUXILIARY WINCH

Max. line-pull 1st. Layer	50 kN	11,240 lbf
Free-fall device	option	option

MAST

Front / rear inclination	+4°/-15°	+4°/-15°
Side inclination	± 4°	± 4°

E6040-R150

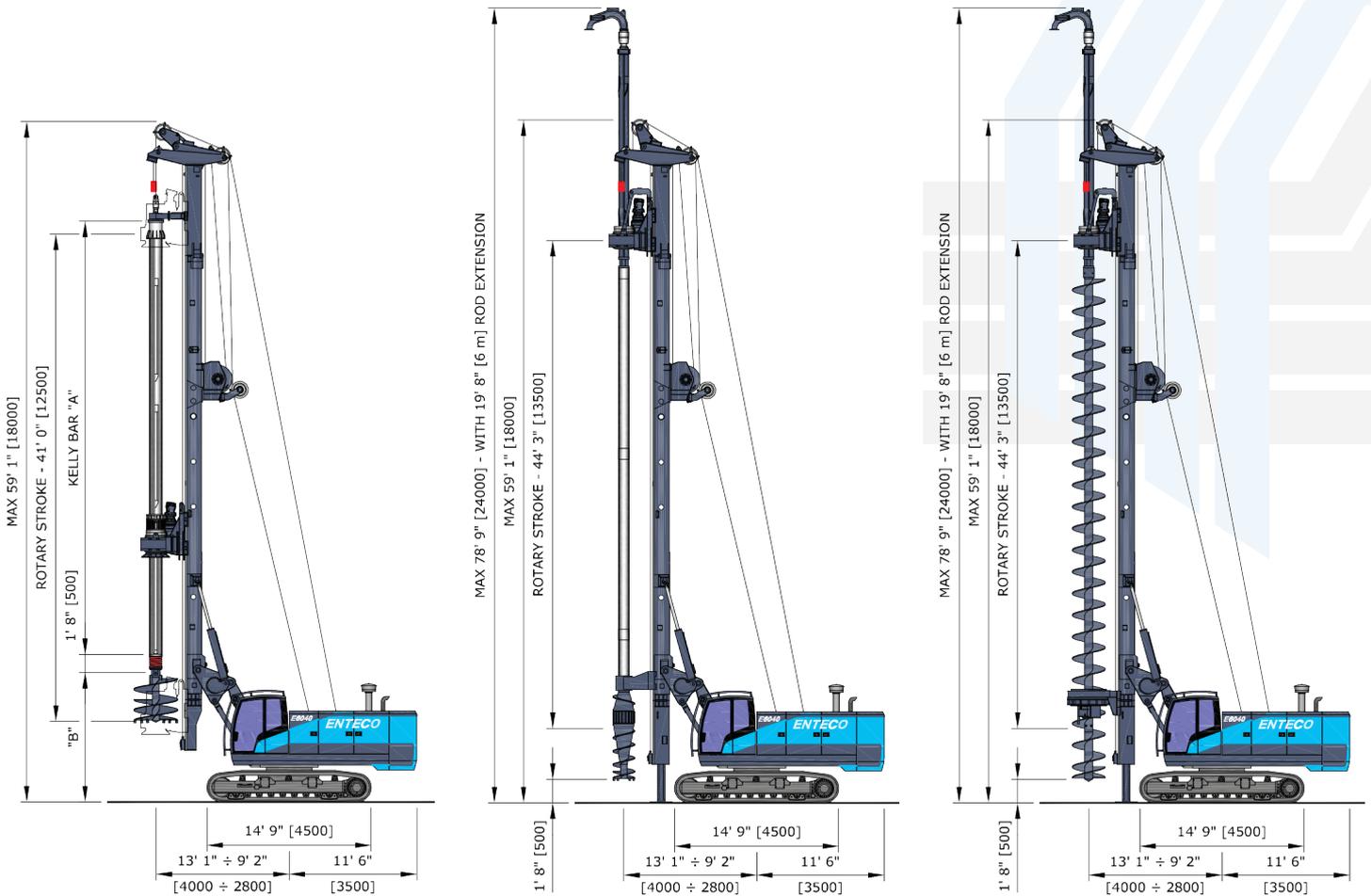
BORED PILES KIT

E6040-SP150

SOIL DISPLACEMENT KIT

E6040-CFA150

CONTINUOUS FLIGHT AUGER KIT



E6040	Bored Piles Kit (R)		Soil Displacement Kit (SP)		CFA Kit	
Operating weight (up to)	40 ton	88,200 lbs	42 ton	92,600 lbs	42 ton	92,600 lbs
Drilling diameter	400÷1500 mm	16÷59 in	300÷600 mm	12÷24 in	350÷1200 mm	14÷48 in
Max drilling depth	55 m	180.5 ft	22 m	72.5 ft	22 m	72.5 ft
SP/CFA extensions	-	-	3,6,9 m	10,20,29.5 ft	3,6,9 m	10,20,29.5 ft
CROWD SYSTEM	Cylinder/WINCH		WINCH		WINCH	
Rotary stroke (Cylinder)	4500 mm	14.8 ft	-	-	-	-
Rotary stroke (WINCH)	12500 mm	41 ft	13500 mm	44.3 ft	13500 mm	44.3 ft
Crowd force	165 kN	37,100 lbf	165 kN	37,100 lbf	165 kN	37,100 lbf
Extraction force	165 kN	37,100 lbf	495 kN	111,300 lbf	495 kN	111,300 lbf
ROTARY	ENTEKO RH41/1		ENTEKO RH41/1		ENTEKO RH41/1	
Max torque	150 kNm	111,000 lbf-ft	150 kNm	111,000 lbf-ft	150 kNm	111,000 lbf-ft
Max drilling speed	33÷60 rpm	33÷60 rpm	33÷60 rpm	33÷60 rpm	33÷60 rpm	33÷60 rpm

INTERLOCKING KELLY-BARS FOR R-KIT

Dimension	"A"		MAX "B"		MAX DEPTH	
3x7	7 m	23 ft	7,6 m	24.9 ft	18 m	59 ft
3x9	9 m	29.5 ft	6,6 m	21.7 ft	24 m	79 ft
3x12	12 m	39 ft	3,6 m	11.8 ft	33 m	108.5 ft
4x7	7 m	23 ft	7,6 m	24.9 ft	24 m	79 ft
4x9	9 m	29.5 ft	6,6 m	21.7 ft	32 m	105 ft
4x12	12 m	39 ft	3,6 m	11.8 ft	44 m	144.5 ft

Other dimensions available

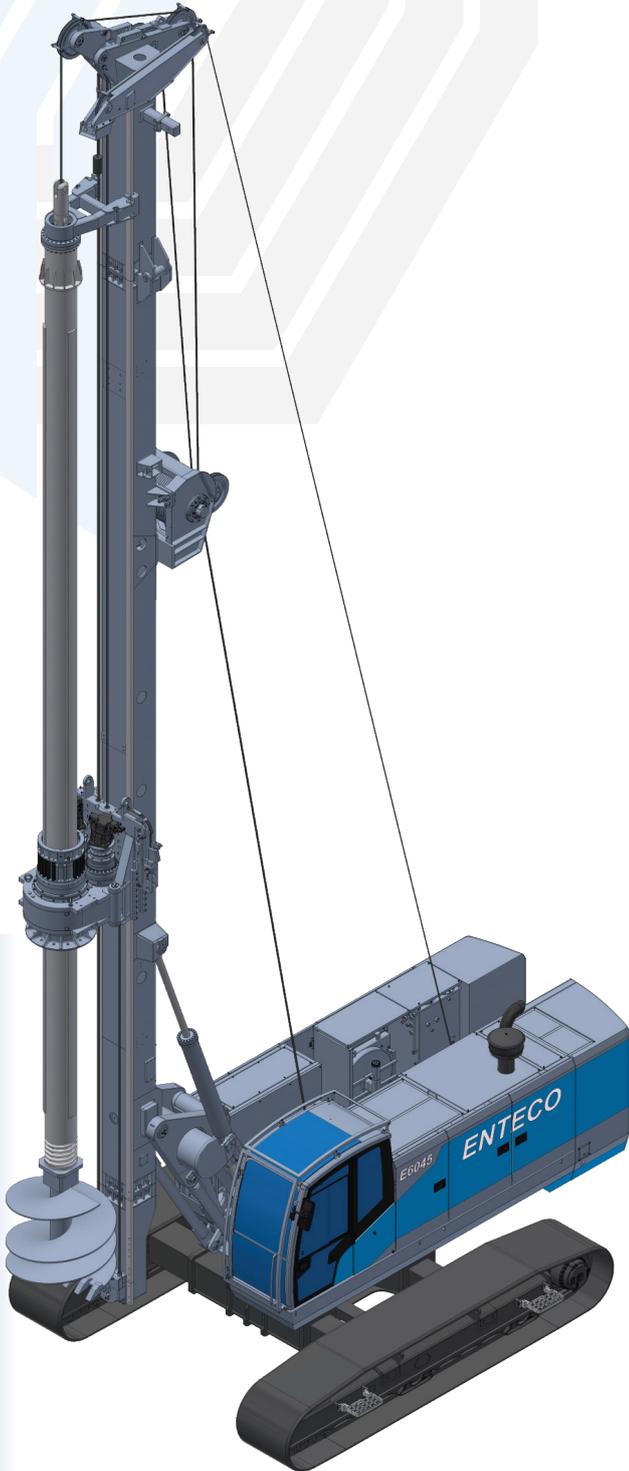
FRICTION KELLY-BARS FOR R-KIT

Dimension	"A"		MAX "B"		MAX DEPTH	
4x7	7 m	23 ft	7,6 m	24.9 ft	24 m	79 ft
4x9	9 m	29.5 ft	6,6 m	21.7 ft	32 m	105 ft
4x12	12 m	39 ft	3,6 m	11.8 ft	44 m	144.5 ft
5x7	7 m	23 ft	7,6 m	24.9 ft	30 m	98.5 ft
5x9	9 m	29.5 ft	6,6 m	21.7 ft	40 m	131.5 ft
5x12	12 m	39 ft	3,6 m	11.8 ft	55 m	180.5 ft

Other dimensions available

E6045

MULTIPURPOSE DRILLING RIG



The **E6045** is a self-erecting rig from the E6000 Series, designed to be compact, lightweight, and extremely easy to operate and transport. It features Enteco's signature pantograph mast support system, which allows optimal mast handling for ultra-rapid positioning on the drilling axis.

Multipurpose, ready for any drilling challenge (DTH and DTHR, Soil Mixing, Double Rotary, SP-HG, Pile driving, SV with vibrator...)

E6045 MAIN FEATURES

WEIGHT	45 ton	99,200 lbs
ENGINE POWER	321 kW	239 HP
ROTARY TORQUE	200 kNm	148,000 lbf-ft

BORED PILES (R)

MAX DEPTH	65 m	213 ft
MAX DIAMETER	2000 mm	80 in

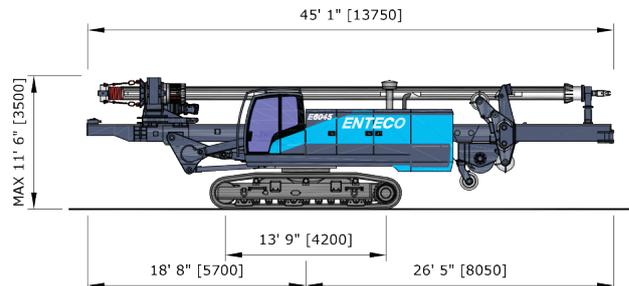
SOIL DISPLACEMENT (SP)

MAX DEPTH	26 m	86 ft
MAX DIAMETER	600 mm	24 in

CONTINUOUS FLIGHT AUGER (CFA)

MAX DEPTH	26 m	86 ft
MAX DIAMETER	1200 mm	48 in

Transport width: 3000 mm / 118 in – **Transport weight:** 45 ton / 99,200 lbs



E6045 BASE MACHINE

CRAWLERS

Overall width	3000÷4200 mm	118÷166 in
Track pads	700 mm	27.6 in
Crawlers tramping speed	2,1 km/h	1.3 mph

DIESEL ENGINE

	Tier 4f / stage V	Tier 3 / stage IIIA
Type	CAT C7.1	CAT C7.1
Engine power	239/321 kW/HP	225/300 kW/HP
Fuel tank capacity	400 l	106 gal

MAIN WINCH

Max. line-pull 1st. Layer	200 kN	45,000 lbf
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AUXILIARY WINCH

Max. line-pull 1st. Layer	50 kN	11,240 lbf
Free-fall device	option	option

MAST

Front / rear inclination	+4°/-15°	+4°/-15°
Side inclination	± 4°	± 4°

E6045-R200

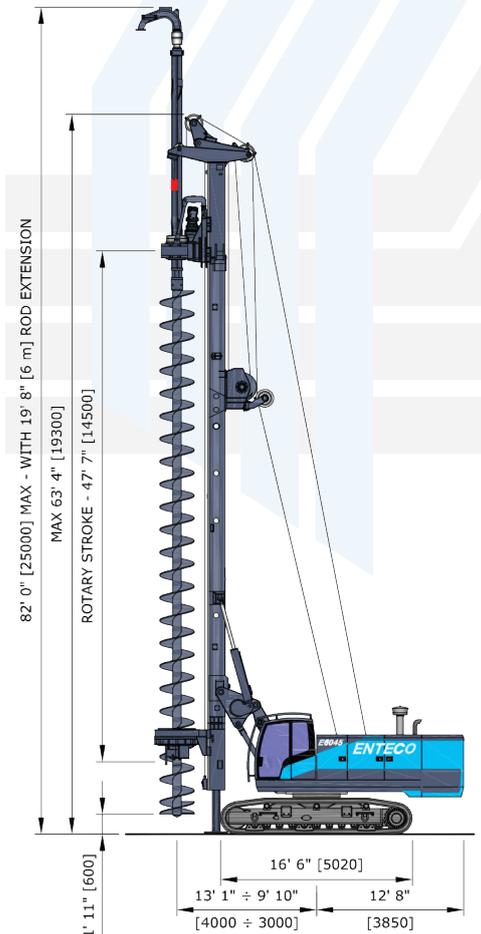
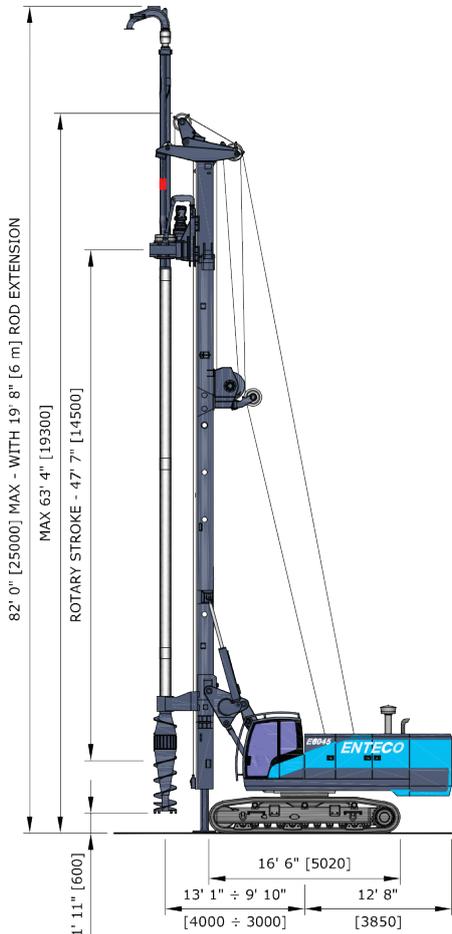
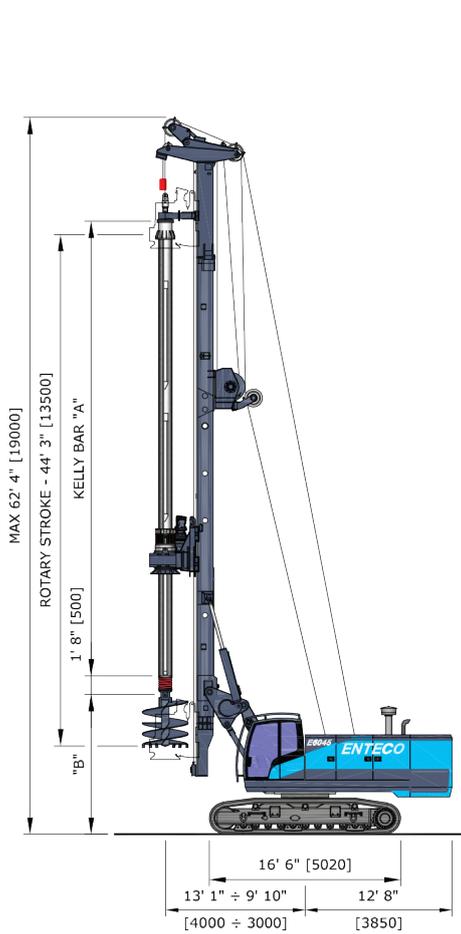
BORED PILES KIT

E6045-SP200

SOIL DISPLACEMENT KIT

E6045-CFA200

CONTINUOUS FLIGHT AUGER KIT



E6045	Bored Piles Kit (R)		Soil Displacement Kit (SP)		CFA Kit	
Operating weight (up to)	45 ton	99,200 lbs	48 ton	105,800 lbs	48 ton	105,800 lbs
Drilling diameter	400÷2000 mm	16÷80 in	300÷600 mm	12÷24 in	350÷1200 mm	14÷48 in
Max drilling depth	65 m	213 ft	26 m	86 ft	26 m	86 ft
SP/CFA extensions	-	-	3,6,9,12 m	10,20,29.5,39 ft	3,6,9,12 m	10,20,29.5,39 ft
CROWD SYSTEM	Cylinder/WINCH		WINCH		WINCH	
Rotary stroke (Cylinder)	5100 mm	16.8 ft	-	-	-	-
Rotary stroke (WINCH)	13500 mm	44.3 ft	14500 mm	47.6 ft	14500 mm	47.6 ft
Crowd force	200 kN	45,000 lbf	200 kN	45,000 lbf	200 kN	45,000 lbf
Extraction force	200 kN	45,000 lbf	600 kN	135,000 lbf	600 kN	135,000 lbf
ROTARY	ENTEKO RH41/2		ENTEKO RH41/2		ENTEKO RH41/2	
Max torque	200 kNm	148,000 lbf-ft	200 kNm	148,000 lbf-ft	200 kNm	148,000 lbf-ft
Max drilling speed	38÷60 rpm	38÷60 rpm	38÷60 rpm	38÷60 rpm	38÷60 rpm	38÷60 rpm

INTERLOCKING KELLY-BARS FOR R-KIT						
Dimension	"A"		MAX "B"		MAX DEPTH	
3x7	7 m	23 ft	9,6 m	31.5 ft	18 m	59 ft
3x11	11 m	36 ft	5,6 m	18.4 ft	30 m	98.5 ft
3x14	14 m	46 ft	2,6 m	8.5 ft	39 m	128 ft
4x7	7 m	23 ft	9,6 m	31.5 ft	24 m	79 ft
4x11	11 m	36 ft	5,6 m	18.4 ft	40 m	131.5 ft
4x14	14 m	46 ft	2,6 m	8.5 ft	52 m	170.6 ft

FRICTION KELLY-BARS FOR R-KIT						
Dimension	"A"		MAX "B"		MAX DEPTH	
4x7	7 m	23 ft	9,6 m	31.5 ft	24 m	79 ft
4x11	11 m	36 ft	5,6 m	18.4 ft	40 m	131.5 ft
4x14	14 m	46 ft	2,6 m	8.5 ft	52 m	170.6 ft
5x7	7 m	23 ft	9,6 m	31.5 ft	30 m	98.5 ft
5x11	11 m	36 ft	5,6 m	18.4 ft	50 m	164 ft
5x14	14 m	46 ft	2,6 m	8.5 ft	65 m	213 ft

Other dimensions available

Other dimensions available



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Enteco is to be found on all continents and in many countries throughout the world, with specialised, competent dealers who willingly follow customers and sites with great professionalism.



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