METRO PILING GROUP

SOILMEC

SR-65

The Soilmec SR-65 is a high-performance CFA/SFA piling rig designed for medium to large-diameter bored piles, offering excellent productivity, stability, and reliability on constrained urban sites. With strong rotary torque, efficient crowd force, and advanced electronic controls, the SR-65 delivers consistent pile verticality and high output rates even in challenging ground conditions. Its compact footprint, fast setup, and ability to handle deeper pile installations make it a versatile and robust choice for projects requiring precision, efficiency, and dependable performance

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contact our team for more information on the Soilmec SF-65 and to discuss whether it's the most suitable rig for your project. All dimensions are subject to machine configuration.

TECHNICAL DATA

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TECHNICAL DATA

Diesel engine T3/Stage V	kW	272
Max Torque	daNm	258.5
Weight	t	56.5
CCS - Crowd System pull up/down	kN	280/140
Main winch	kN	220
Min. transport weight	t	30
WCS - Winch Crowd System pull up/down	kN	330/330

LDP - LARGE DIAMETER PILE

Max depth (LDP)	m	77.9
Max Diameter (LDP) CCS/WCS	mm	2000/1900

CFA - CONTINUOUS FLIGHT AUGER

Max diameter (CFA)	mm	1200
Max depth (CFA)	m	26.9

CAP/CSP - CASED AUGERED AND SECANT PILE

Max diameter (CAP/CSP)	mm	610
Max pile depth (CAP/CSP)	m	15.7
Max cased depth (CAP/CSP)	m	15.5

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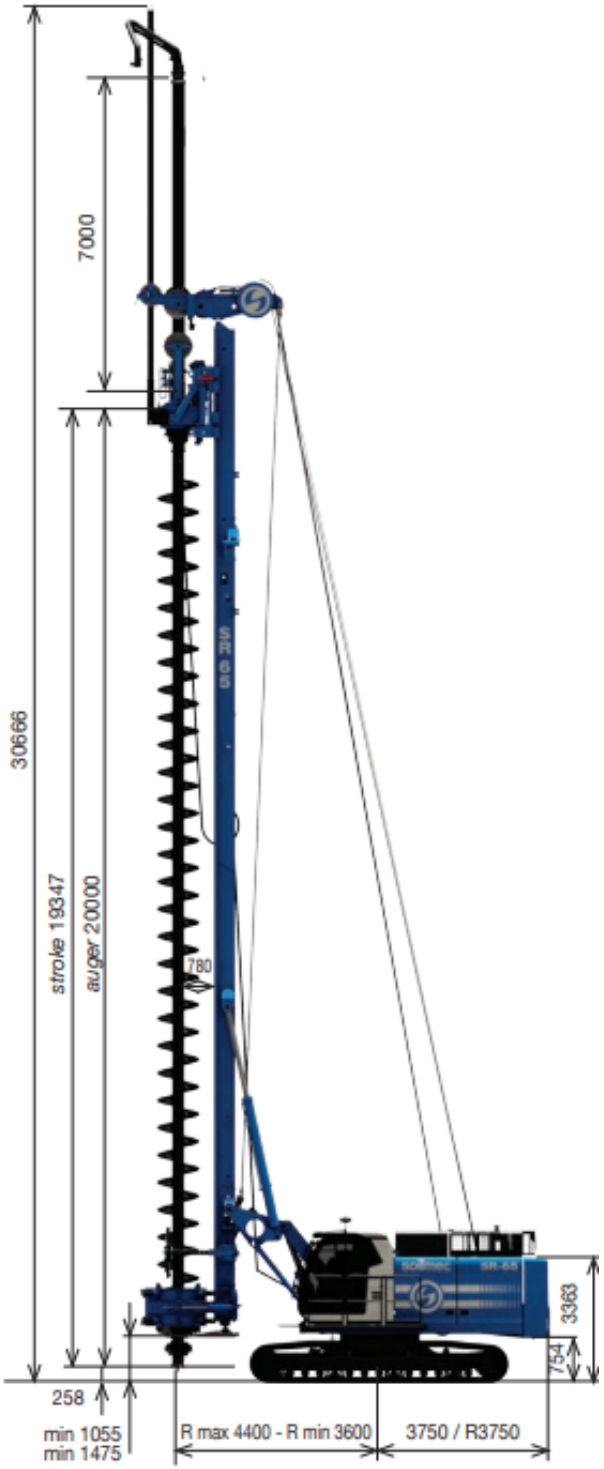
SOILMEC SR-65 SPECEFECATIONS

CFA - Continuous Flight Auger - Quick change standard version

Parameter	Metric	Imperial
Operating weight (c/w 7 m - 23 ft sleeve extension, w/o auger)	60500 kg	133378 lb
Max pile diameter	1200 mm	47 in
Max length of auger	17.5 m	57 ft
Max length of sleeve extension	8 m	26 ft
Max pile depth (c/w 8 m - 26 ft sleeve extension)	23.5 m	77 ft
Nominal extraction force	550 kN	123643 lbf
Nominal crowd force on auger	330 kN	74186 lbf

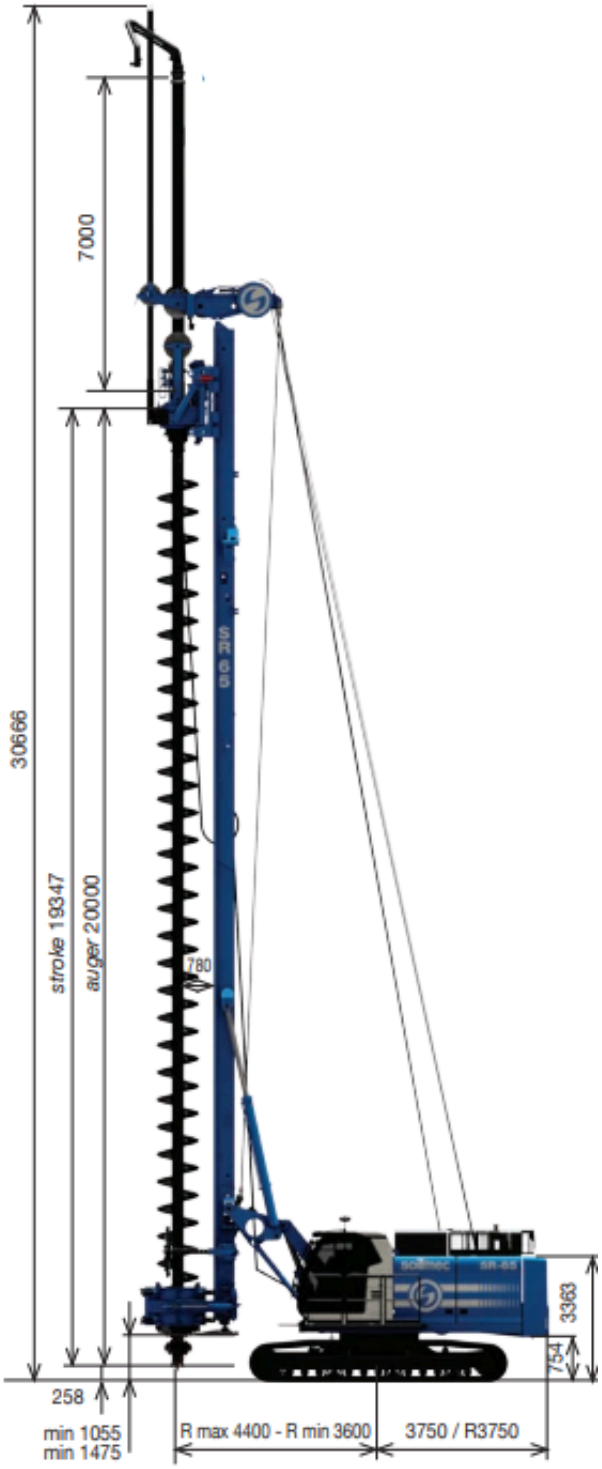


CFA - Continuous Flight Auger - Direct Quick change standard version

Parameter	Metric	Imperial
Operating weight (c/w 7 m - 23 ft sleeve extension, w/o auger)	60500 kg	133378 lb
Max pile diameter	1200 mm	47 in
Max length of auger	17.5 m	57 ft
Max length of sleeve extension	8 m	26 ft
Max pile depth (c/w 8 m - 26 ft sleeve extension)	23.5 m	77 ft
Nominal extraction force	330 kN	74186 lbf
Nominal crowd force on auger	330 kN	74186 lbf

CFA - 4-lines pull standard version / extended version

Parameter	Metric	Imperial
Operating weight (standard)	61200 kg	134922 lb
Operating weight (extended)	63000 kg	138890 lb
Max pile diameter (standard)	1200 mm	47 in
Max pile diameter (extended)	750 mm	30 in
Max length of auger (standard)	20 m	66 ft
Max length of auger (extended)	23 m	75 ft
Max length of sleeve extension	8 m	26 ft
Max pile depth (standard)	26.9 m	88 ft
Max pile depth (extended)	30 m	98 ft
Nominal extraction force (standard)	620 kN	139379 lbf
Nominal extraction force (extended)	450 kN	101162 lbf
Additional crowd force on auger	100 kN	22481 lbf



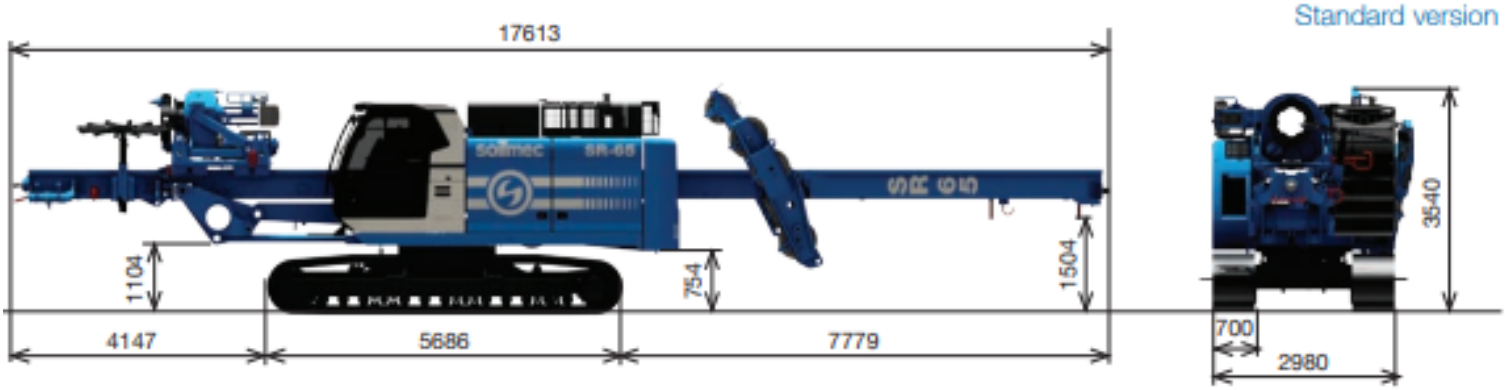
DP/TCT - Displacement Pile - Quick change standard version

Parameter	Metric	Imperial
Operating weight (w/o string and tool)	60500 kg	133378 lb
Max recommended DP pile diameter	600 mm	24 in
Max recommended TCT pile diameter	800 mm	31 in
Max length of string	17.7 m	58 ft
Max pile depth (w/o lattice boom extension)	23.5 m	77 ft
Lattice boom extension length	12.3 m	40 ft
Max pile depth (c/w lattice boom extension)	28.5 m	94 ft

TRANSPORT SDANDARD CFA VERSION

Weight with standard mast	58300kg
Weight with segmental mast	59170kg
Length	17613mm

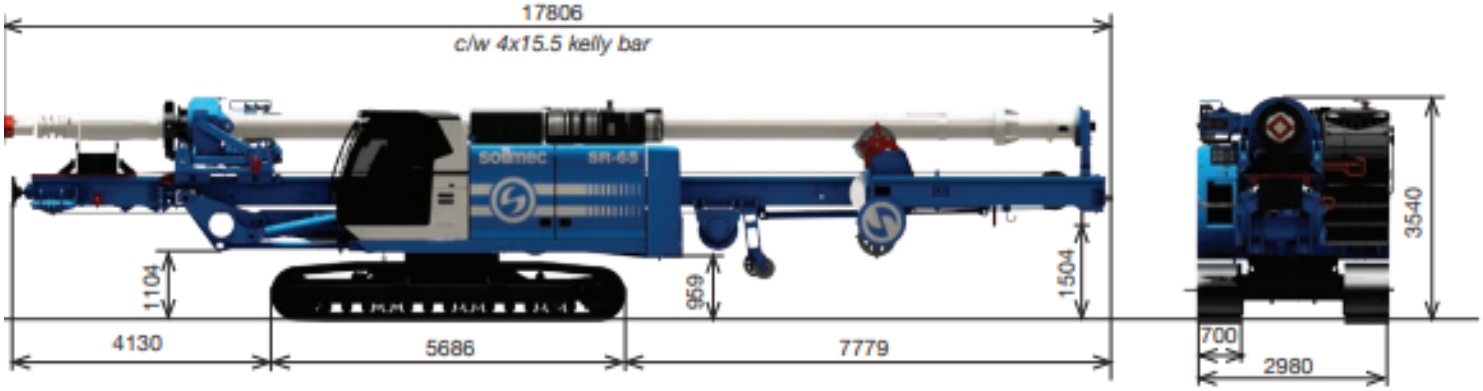
4-lines pull
Standard version



TRANSPORT SDANDARD LDP VERSION

Weight with standard mast	63600kg
Weight with segmental mast	64470kg
Length	17600mm

Winch Crowd System



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