



SR-45

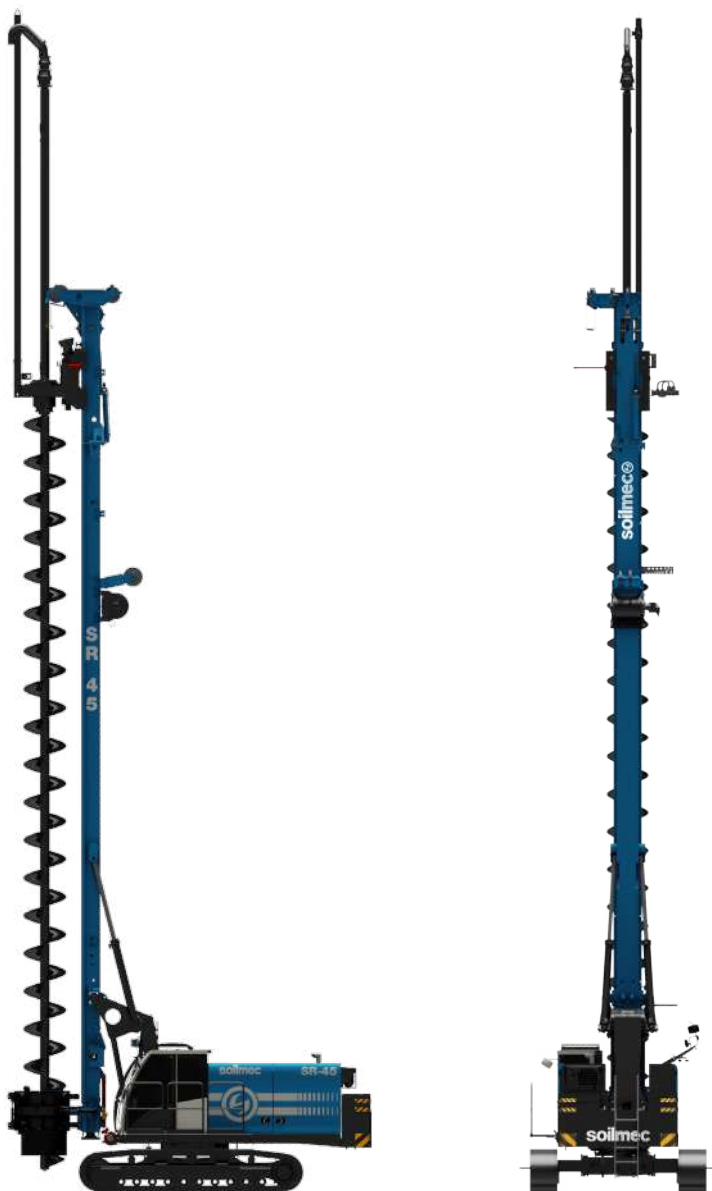
BLUETECH PLUS

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Drilling and Foundation Equipment

SR-45 **BLUETECH PLUS**

CFA applications



CFA - Continuous Flight Auger - Quick Change		
Max pile diameter	1000 mm	39 in
Max pile depth (c/w 8 m - 26 ft sleeve extension)	23,3 m	76 ft
Extraction force	394 kN	88573 lbf
Additional crowd force on auger	140 kN	31473 lbf

Transport

Dimensions and Weights

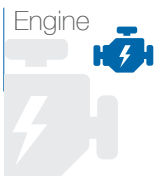
Transport data		
Transport weight	38600 kg	85100 lb
Transport length	13330 mm	43.7 ft
Transport width	2550 mm	8.4 ft
Transport height	3400 mm	11.1 ft

Drawing are not to scale | All technical data are purely indicative and subject to change without notice

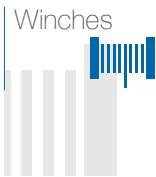
Technical Data



WCS_Winch Crowd System		
Stroke	14700 mm	579 in
Pull up/down crowd force	240 kN	53953 lbf
Speed up/down	21,5 m/min	71 ft/min



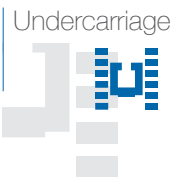
Engine		
Engine model	Cummins B6.7	
Power rating	209 kW @ 2000 rpm	280 HP @ 2000 rpm
Engine conforms to Exhaust emission Standard	EU stage V, US EPA Tier 4f	
Fuel tank capacity	380 l	100 US gal
AD Blue tank capacity	57 l	15 US gal



Main winch - standard		
Line pull (1st layer)	165 kN	37093 lbf
Rope diameter	24 mm	0.94 in
Rope speed (1st layer)	78 m/min	256 ft/min
Auxiliary winch		
Line pull (1st layer)	65 kN	14612 lbf
Rope diameter	18 mm	0.71 in



Hydraulic system		
Main pump flow	390 l/min	103 US gal/min
Hydraulic oil tank capacity	300 l	79 US gal



Especially designed for heavy duty applications that require less penetration, better turning capability and less ground disturbance. Maintenance-free crawler track. Hydraulic chain tensioning device.

Undercarriage		
Type	variable gauge, telescoping side frames	
Overall width with retracted crawlers	2550 mm	100.39 in
Overall width with extended crawlers	3750 mm	147.64 in
Width of triple grouser track shoes	600 mm	23.62 in
Overall length of crawlers	4740 mm	186.61 in



Rotary		
Max torque	184.1 kNm	136447 lb*ft
Rated torque	170.3 kNm	125383 lb*ft
Max drilling speed	48 rpm	48 rpm
Spin off speed	146 rpm	146 rpm

Technologies



LDP - Large Diameter Piles		
Max pile diameter (tool along the mast)	1500 mm	59 in
Max pile diameter w/o lower mast section (tool below the mast)	3000 mm	118 in
Max pile depth-friction kelly	70 m	230 ft
Max pile depth-locking kelly	56 m	184 ft



LHR Large Diameter Piles		
Min operating height	8,4 m	28 ft
Max pile diameter	1500 mm	59 in
Max pile depth-friction kelly	24 m	79 ft
Max pile depth-locking kelly	19 m	62 ft



CFA - Continuous Flight Auger - 4 lines pull		
Max pile diameter	1000 mm	39 in
Max pile depth (c/w 8 m - 26 ft sleeve extension)	26,0 m	85 ft
Extraction force	530 kN	119147 lbf
Additional crowd force on auger	100 kN	22481 lbf

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