



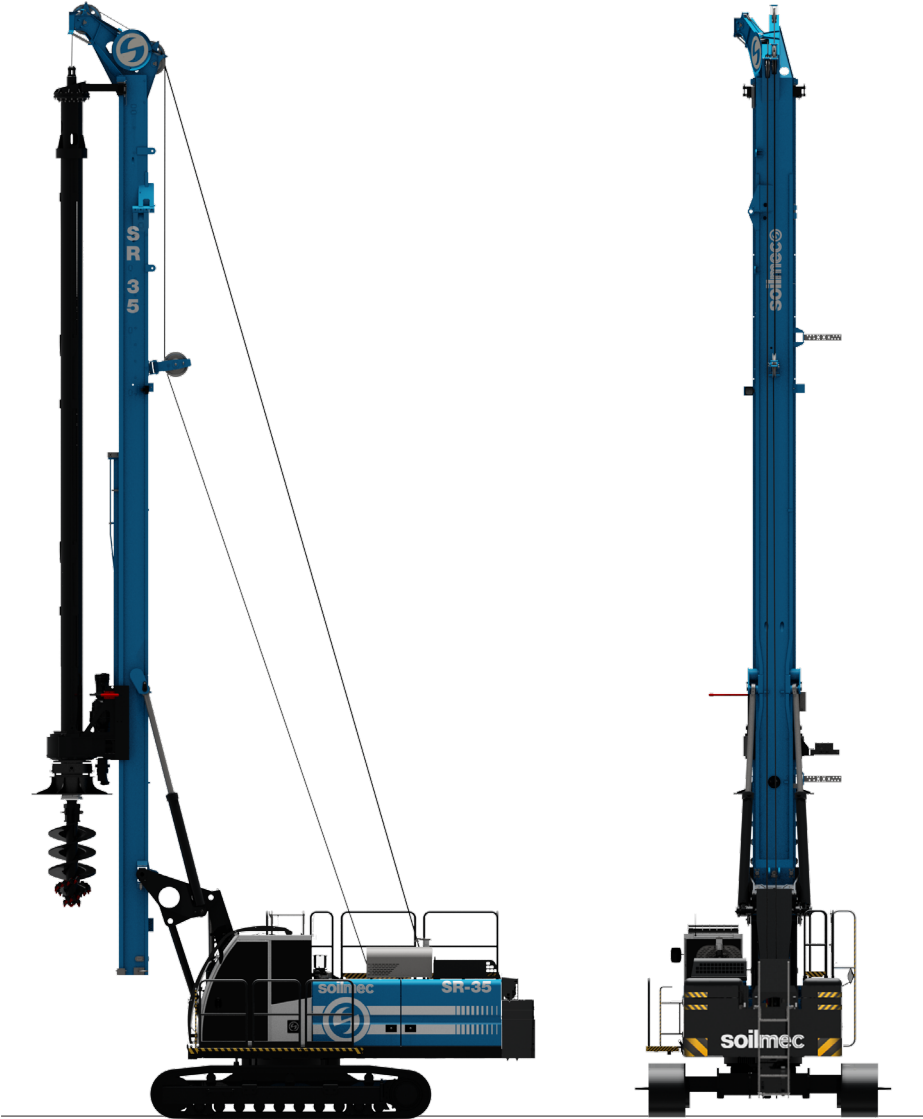
SR-35

BLUETECH PLUS

soilmeco®

SR-35 **BLUETECH PLUS**

LDP applications



Transport

Dimensions and Weights

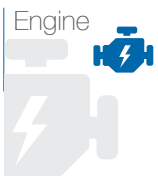
Transport data		
Transport weight	35000 kg	77161 lb
Transport length	12480 mm	40,93 ft
Transport width	2550 mm	8,36 ft
Transport height	3400 mm	11,15 ft

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

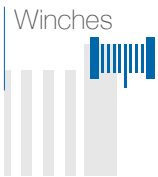
Technical Data



CCS_Cylinder Crowd System		
Stroke	3500 mm	138 in
Pull up/down crowd force	124 kN / 102 KN	27876 lbf / 27876 lbf
Speed up/down	19,4 m/min	64 ft/min



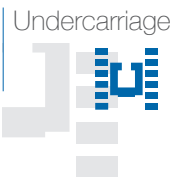
Engine		
Engine model	Cummins B6.7	
Power rating	209 kW @ 2000 rpm	280 HP @ 2000 rpm
Engine conforms to Exhaust emission Standard	EU stage V, US EPA Tier 4f	
Fuel tank capacity	380 l	100 US gal
AD Blue tank capacity	57 l	15 US gal



Main winch - standard		
Line pull (1st layer)	135 kN	30349 lbf
Rope diameter	22 mm	0,87 in
Rope speed (1st layer)	76 m/min	249 ft/min
Auxiliary winch		
Line pull (1st layer)	65 kN	14612 lbf
Rope diameter	18 mm	0,71 in

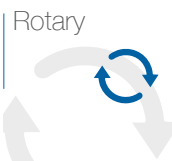


Hydraulic system		
Main pump flow	390 l/min	103 US gal/min
Hydraulic oil tank capacity	300 l	79 US gal



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 in
Overall width with extended crawlers	3750 mm	148 in
Width of triple grouser track shoes	600 mm	24 in
Overall length of crawlers	4503 mm	177 in



Rotary		
Max torque	141 kNm	103995 lb*ft
Rated torque	130 kNm	95881 lb*ft
Max drilling speed	39 rpm	39 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	57 m	186 ft
Max pile depth-locking kelly	45 m	149 ft
Max pile depth-friction kelly (ratholer version)	63 m	208 ft
Max pile depth-locking kelly (ratholer version)	51 m	167 ft



LHR - Large Diameter Piles		
Min operating height	7,5 m	25 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	900 mm	35 in
Max pile depth (c/w 6 m - 20 ft sleeve extension)	19 m	62 ft
Max pile depth (c/w 8 m - 23 ft sleeve extension)	25 m	82 ft
Extraction force	380 kN	85426 lbf
Additional crowd force on auger	100 kN	22481 lbf

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