

Rotary Drilling Rig	Standard Version		Pro Version	
Pile	Metric	Imperial	Metric	Imperial
Max. drilling diameter	1500 mm	59 in	1500 mm	59 in
Max. drilling depth	41/31 m ①	135/102 ft	46 m ②	150 ft
Rotary drive				
Rated output torque	130 kN·m	95883 lbf·ft	135 kN·m	99600 lbf·ft
Rotation speed	6~38 rpm	6~38 rpm	6~38 rpm	6~38 rpm
Crowd system				
Crowd force	120 kN	26977 lbf	120 kN	26977 lbf
Line pull	150 kN	33721 lbf	150 kN	33721 lbf
Stroke	3700 mm	146 in	4200 mm	165 in
Main winch				
Lifting capacity	140 kN	31473 lbf	176 kN	39566 lbf
Wire rope diameter	24 mm	0.94 in	24 mm	0.94 in
Max. line speed	80 m/min	262 ft/min	70 m/min	230 ft/min
Auxiliary winch				
Lifting capacity	60 kN	13489 lbf	90 kN	20233 lbf
Wire rope diameter	14 mm	0.55 in	20 mm	0.79 in
Max. line speed	75 m/min	246 ft/min	60 m/min	197 ft/min
Mast inclination				
Forward/backward	5/90 °	5/90 °	5/90 °	5/90 °
Lateral	±3 °	±3 °	±3 °	±3 °
Main chassis				
Engine model	Cummins B4.5	Cummins B4.5	Cummins B4.5	Cummins B4.5
Engine power ISO 3046-1	149 kW/2000 rpm	200 HP/2000 rpm	149 kW/2000 rpm	200 HP/2000 rpm
Emission regulation	EEC 97/68 EC	EPA/CARB	EEC 97/68 EC	EPA/CARB
	Stage V/Tier4 final			
Fuel tank capacity	415 L	110 US gal	415 L	110 US gal
AD Blue tank capacity	45 L	12 US gal	45 L	12 US gal
Width retracted/extended	2550-3650 mm	100-144 in	2550-3650 mm	100-144 in
Track shoe width	600 mm	24 in	600 mm	24 in
Swing radius	3680 mm	145 in	3825 mm	150 in
Overall machine				
Overall height	15320 mm	603 in	16320 mm	643 in
Operating weight ③	30900 kg	68123 lb	36575 kg	80635 lb
Transport width ④	2550 mm	100 in	2550 mm	100 in
Transport height	3450 mm	136 in	3560 mm	140 in
Transport Length	13545 mm	533 in	14880 mm	586 in

- ①: Friction kelly / inter-locking kelly
- ②: Inter-locking kelly
- ③: without kelly bar
- ④: Width without catwalk on cab side

Standard Version Kelly bar		Weight	Depth	Option
Inter-locking kelly	Φ325×4×9	3600 kg	31 m	⑤
		7937 lb	102 ft	
	Φ351×4×9	4100 kg	31 m	
		9039 lb	102 ft	
Friction kelly	Φ325×4×9	3400 kg	32 m	⑤
		7496 lb	105 ft	
	Φ351×5×9	4300 kg	41 m	
		9480 lb	135 ft	

Note: Drilling depth with bucket 1500 mm long

The kelly bar long is 10m in Extended rathole version

⑤: Customized

Pro Version Kelly bar		Weight	Depth	Option
Inter-locking kelly	Φ406×5×10.5	6925 kg	46 m	
		15267 lb	150 ft	

Note: Drilling depth with bucket 1500 mm long

OUTSTANDING PERFORMANCE

FLEXIBLE TRANSFER

SR125-V is suitable for pile construction in small towns, foundation piles of low-rise building, slope protection pile of high-rise building and power pile construction. The minimum pile diameter is only Φ450mm, small and flexible, and can work in a narrow space.

High efficiency: the whole machine is design-optimized, low pressure loss, fast speed and easy to operate; equipped with multi-gear rotary drive, automatic soil dumping function, automatic soil shaking function, ensure high drilling efficiency.

Economy and fuel saving: powerful, reliable and durable, low fuel consumption and low operating cost.

Easy to transport: the Kelly bar can be transported with the base machine. Transport dimensions do not exceed the limit, saving cost. With large walking traction, it is suitable for field construction and rural town roads. The minimum crawler width is only 2550mm, it can easily pass a narrow space.

Smart operation system: 10-inch HD touch screen, fast response time and more convenient for operation. With a smartphone APP EVI, it can realize remote real-time monitoring, one-click service call and group management.

Safe and comfortable: reasonable layout, comfortable operation; Heavy mechanical suspension seat has good vibration reduction effect, avoid fatigue; air conditioner with high power, fearless of severe cold and heat; enhanced top guardrail and extreme weather warning provide double protection.

Convenient maintenance: engine and hydraulic system set on the side position to have a large maintenance space; integrated electric control cabinet realizes modular management and control; fault self-diagnosis technology facilitates maintenance and service.

Low headroom	Standard Version	
Pile	Metric	Imperial
Max. drilling diameter	1500 mm	59 in
Max. drilling depth	13.5 m	44.3 ft
Rotary drive		
Rated output torque	130 kN·m	95883 lb·ft
Rotation speed	6~38 rpm	6~38 rpm
Crowd system		
Crowd force	120 kN	26977 lbf
Line pull	150 kN	33721 lbf
Stroke	2600 mm	102 in
Overall machine		
Overall height	9600 mm	378 in
Operating weight ⑥	30000 kg	66139 lb

⑥: without kelly bar

Kelly bar		Weight	Depth	Option
Inter-locking kelly	Φ351×4×4.5	2400 kg	13.5 m	Standard
		5291 lb	44.3 ft	

