



Rotary Drilling Rig	Metric	Imperial
Pile		
Max. drilling diameter	1500 mm	59 in
Max. drilling depth ①	41/31 m	135/102 ft
Rotary drive		
Rated output torque	130 kN·m	95883 lbf×ft
Rotation speed	6~40 rpm	6~40 rpm
Crowd system		
Crowd force	120 kN	26977 lbf
Line pull	160 kN	35969 lbf
Stroke	3700 mm	146 in
Main winch		
Lifting capacity	140 kN	31473 lbf
Wire rope diameter	24 mm	0.94 in
Max. line speed	80 m/min	262 ft/min
Auxiliary winch		
Lifting capacity	60 kN	13489 lbf
Wire rope diameter	14 mm	0.55 in
Max. line speed	75 m/min	246 ft/min
Mast inclination		
Forward/backward	5/90 °	5/90 °
Lateral	±3 °	±3 °
Main chassis		
Engine model ②	B4.5	B4.5
Engine power ISO 3046-1	149 kW/2200 rpm	200 HP/2200 rpm
Emission regulation	EEC 97/68 EC Stage V	EPA/CARB Tier4 final
Fuel tank capacity	415 L	110 US gal
AD Blue tank capacity	45 L	12 US gal
Width retracted/extended	2550-3650 mm	144 in
Track shoe width	600 mm	24 in
Swing radius	3680 mm	145 in
Overall machine		
Overall height	16370 mm	645 in
Operating weight ③	38000 kg	83776 lb
Transport width ④	2550 mm	100 in
Transport height	3450 mm	136 in
Transport Length	13365 mm	526 in

- ①: Friction kelly / inter-locking kelly
- ②: Cummins
- ③: with standard kelly
- ④: Width without catwalk on cab side

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

Note: Drilling depth with bucket 1500 mm long
⑤: Customized

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.

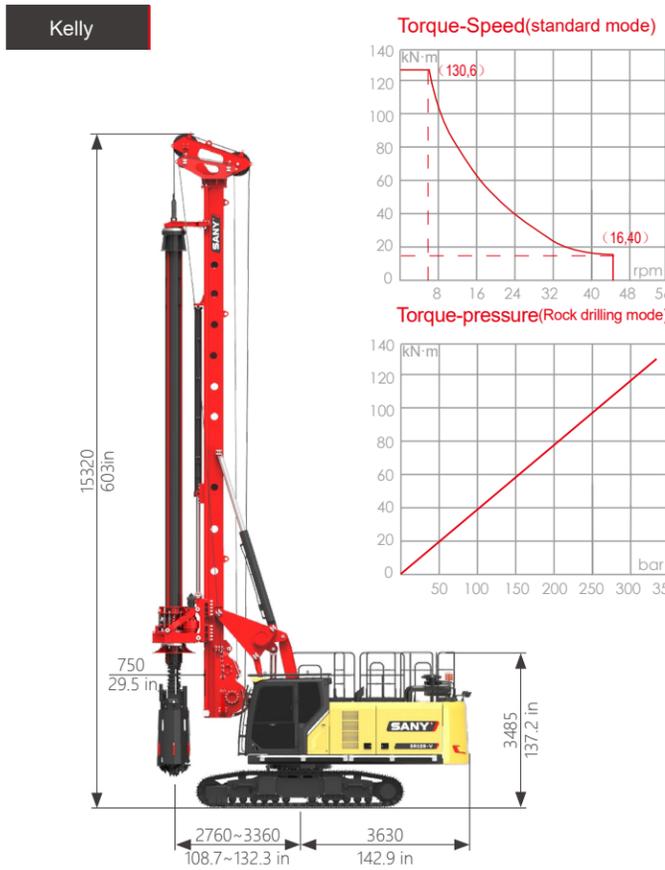
Economy and fuel saving: powerful, reliable and durable, low fuel consumption and low operating cost.

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.

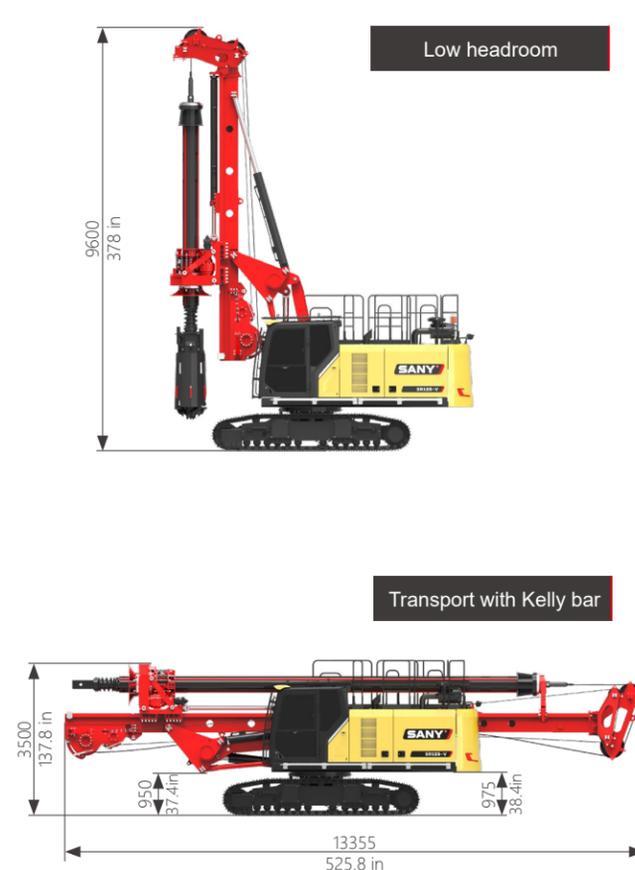


Low headroom	Metric	Imperial
Pile		
Max. drilling diameter	1500 mm	59 in
Max. drilling depth	20/13 m	65.6/42.7 ft
Rotary drive		
Rated output torque	130 kN·m	95883 lbfft
Rotation speed	6~40 rpm	6~40 rpm
Crowd system		
Crowd force	120 kN	26977 lbf
Line pull	160 kN	35969 lbf
Stroke	2600 mm	102 in
Overall machine		
Overall height	9600 mm	378 in
Operating weight	35000 kg	77162 lb

Kelly bar	Weight	Depth	Option	
Friction kelly	Φ351×5×5	2700 kg / 5952 lb	21 m / 68.9 ft	Standard

Low headroom mode: a few parts, such as short mast, kelly with diameter Φ351 were needed.

CFA mode: Directly switch to CFA mode by changing a few parts, such as dedicated pulley yoke, balancing rope device, Auger cleaner etc.



CFA mode	Metric	Imperial
Pile		
Max. drilling diameter	900 mm	35.4 in
Max. drilling depth	21.5 m	70.5 ft
Rotary drive		
Rated output torque	130 kN·m	95883 lbf×ft
Rotation speed	6~40 rpm	6~40 rpm
Crowd system ⑤		
Crowd force	50 kN	11240 lbf
Stroke	14000 mm	551 in
Main winch		
CFA Max.Lifting	300 kN	67443 lbf
Wire rope diameter	24 mm	0.94 in
Overall machine		
Overall height	25120 mm	989 in
Overall weight	37 t	81571 lb
Operating weight ⑥	40 t	88145 lb

- ⑤: Optional in CFA mode
- ⑥: with auger

