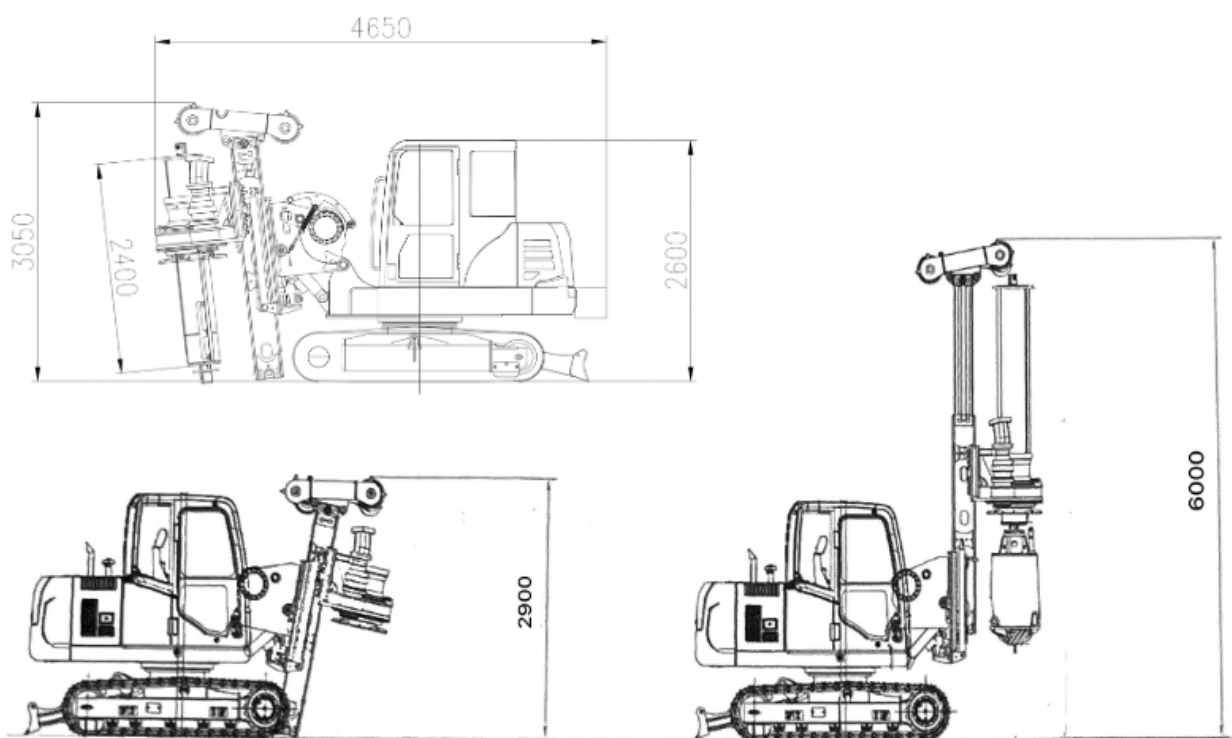


HG35 SERIES
HG38 SERIES
HG45 SERIES

HG PILE
SMALL DRILLING RIGS

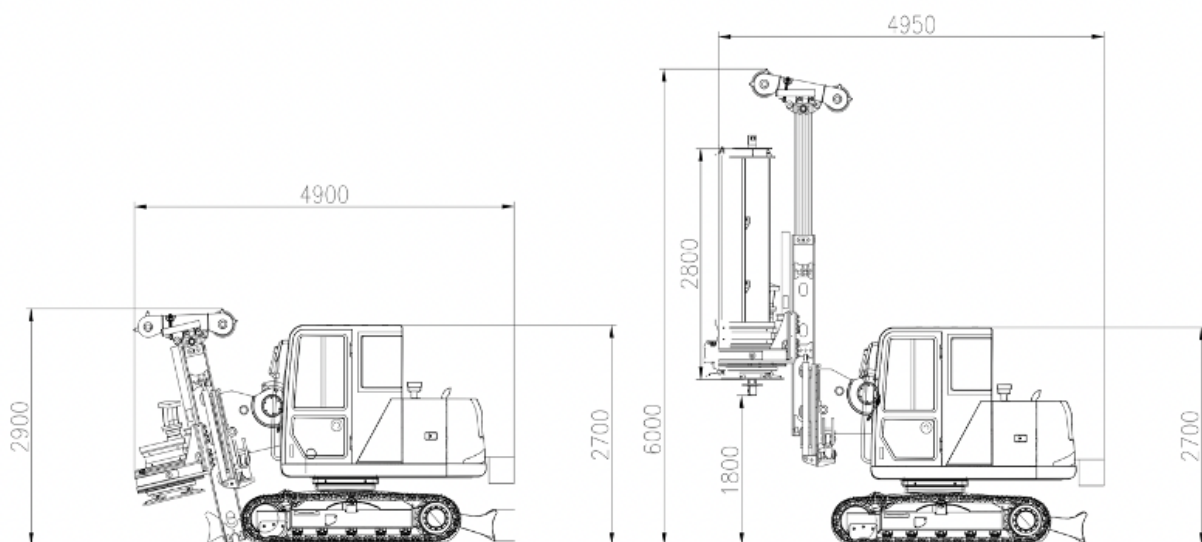


Key Parameters	Description	Unit	HG35C-12	HG35L-12
Performance	Drilling Depth (Max)	m	12	12
	Drilling Diameter (Range)	mm	380 ~ 1000	300 ~ 1000
Kelly Bar (Size)		mm x section x m	325 x 6 x 2,4	245 x 4 x 3,45
Drill Mast Inclination	Lateral Tilt Angle	degree	15	
	Forward Tilt	degree	10	
	Backward Tilt	degree	15	
Rotary Drive	Rotary Head Output Torque	kNm	35	
	Rotation Speed	rpm	7 ~ 40	
Pressurization Cylinder	Max Stroke	mm	1000	
	Pressure Force	kN	40	
	Lifting Force	kN	50	
Main Winch	Lifting Capacity	kN	45	
	Lifting Speed	m/min	60	
	Rope Diameter	mm	16	
Auxiliary Winch	Lifting Force	kN	10	
	Lifting Speed	m/min	40	
	Rope Diameter	mm	10	
Main Components	Engine	Isuzu 4JG3		
	Display Parameter	Shuobo Electronics		
	Hydraulic Pump	Sany		
	Control Valve	Sany		
	Main Winch Motor	Shanghai Electric		
	Auxiliary Winch Motor	Self-Develop		
	Cylinder Balancing Valve	Rexroth		
	Distribution Valve	Eaton		
	Power Head Reducer	Bonfiglioli		
Machine Dimension & Weight	Excavator Chassis	SANY SY60C		
	Operating Weight	Kg	9300	9250
	Working Height	m	6	6
	Transport Height with Kelly Bar	m	3,05	4,05
	Transport Height without Kelly Bar	m	2,9	2,9
	Transport Length	m	4,65 (w/ Kelly)	4,65 (w/o Kelly)
	Transport Width	m	2	



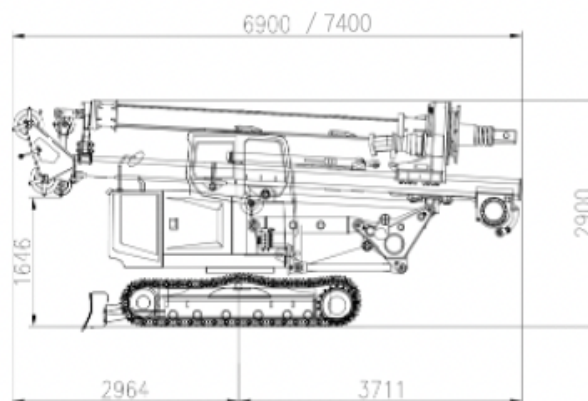
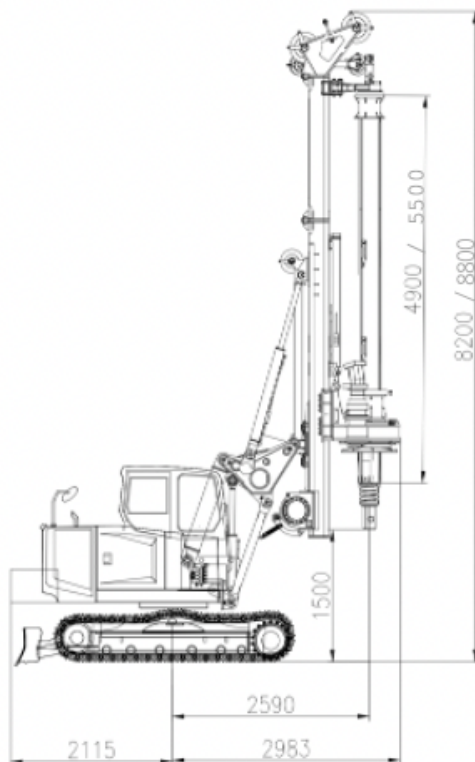
* Actual depth performance may differ due to many factors such as:
Soil Condition, Machine Performance & Operator Skills

Key Parameters	Description	Unit	HG38L-20	HG38L-16
Performance	Drilling Depth (Max)	m	20	16
	Drilling Diameter (Range)	mm	480 ~ 1000	400 ~ 1000
Kelly Bar (Size)		mm x section x m	425 x 8 x 2,8	351 x 6 x 3,25
Drill Mast Inclination	Lateral Tilt Angle	degree	10 / 7	
	Forward Tilt	degree	13	
	Backward Tilt	degree	10	
Rotary Drive	Rotary Head Output Torque	kNm	38	
	Rotation Speed	rpm	7 ~ 40	
Pressurization Cylinder	Max Stroke	mm	1000	
	Pressure Force	kN	40	
	Lifting Force	kN	40	
Main Winch	Lifting Capacity	kN	40	
	Lifting Speed	m/min	30	
	Rope Diameter	mm	16	
Auxiliary Winch	Lifting Force	kN	10	
	Lifting Speed	m/min	30	
	Rope Diameter	mm	11	
Main Components	Engine	Isuzu 4JG3X		
	Display Parameter	Shuobo Electronics		
	Hydraulic Pump	Sany		
	Control Valve	Sany		
	Main Winch Motor	Shanghai Electric		
	Auxiliary Winch Motor	Self-Develop		
	Cylinder Balancing Valve	Rexroth		
	Distribution Valve	Eaton		
	Power Head Reducer	Bonfiglioli		
Machine Dimension & Weight	Excavator Chassis	SANY SY75C		
	Operating Weight	Kg	11000	10500
	Working Height	m	6	6
	Transport Height with Kelly Bar	m	3,5	3,95
	Transport Height without Kelly Bar	m	2,9	2,9
	Transport Length	m	4,9	
	Transport Width	m	2,3	



* Actual depth performance may differ due to many factors such as:
Soil Condition, Machine Performance & Operator Skills

Key Parameters	Description	Unit	HG45-16	HG45-18	HG45-20
Performance	Drilling Depth (Max)	m	16	18	20
	Drilling Diameter (Range)	mm	300 ~ 1000	300 ~ 1000	300 ~ 1000
Kelly Bar (Size)		mm x section x m	245 x 4 x 4,5	245 x 4 x 4,9	245 x 4 x 5,5
Drill Mast Inclination	Lateral Tilt Angle	degree	5		
	Forward Tilt	degree	5		
	Backward Tilt	degree	87		
Rotary Drive	Rotary Head Output Torque	kNm	45	45	43
	Rotation Speed	rpm	7 ~ 40		
Pressurization Cylinder	Max Stroke	mm	1500		
	Pressure Force	kN	45		
	Lifting Force	kN	45		
Main Winch	Lifting Capacity	kN	45		
	Lifting Speed	m/min	60		
	Rope Diameter	mm	16		
Auxiliary Winch	Lifting Force	kN	15		
	Lifting Speed	m/min	40		
	Rope Diameter	mm	10		
Main Components	Engine	Isuzu 4JG3X			
	Display Parameter	Shuobo Electronics			
	Hydraulic Pump	Sany			
	Control Valve	Sany			
	Main Winch Motor	Shanghai Electric			
	Auxiliary Winch Motor	Self-Develop			
	Cylinder Balancing Valve	Rexroth			
	Distribution Valve	Kemai			
	Power Head Reducer	Bonfiglioli			
Machine Dimension & Weight	Excavator Chassis	SANY SY75C			
	Operating Weight	Kg	12000	12500	12500
	Working Height	m	8,2	8,5	8,8
	Transport Height	m	2,9		
	Transport Length	m	6,9	7,2	7,4
	Transport Width	m	2,3		



* Actual depth performance may differ due to many factors such as:
Soil Condition, Machine Performance & Operator Skills