

Technical specifications

Specifications		Main performance	
Total weight	36000kg	Traveling speed (high/low)	5.5/3.5 (km/h)
Bucket capacity	1.6~2.32(1.6•rock)m ³	Slewing speed	9.5rpm
		Gradeability	70% (35°)
Engine		Ground pressure	65kPa
Model	GH-6HK1XKSC	Digging force of bucket	235kN
Type	Electronic injection, 6-cylinder, 4-stroke, turbocharged, inter-cooling and water-cooled	Digging force of bucket rod	180kN
Rated power	212kW/2000rpm		
Maximum torque	1080Nm/1500rpm		
Displacement	7.79L		

Capacity of oil and coolant		Traveling section	
Fuel tank	690L	Number of track shoes	49
Engine oil	36L	Carrier wheel on each side	2
Radiator	28L	Thrust wheel on each side	9
Final drive	2×8.5L	Standard track	600mm

Boom--	6500mm	Bucket rod--		Width of track--		Counter weight--					
		2900mm		600mm		6900KG					
		3.0m		4.5m		6.0m		7.5m		9.0m	
		Longitudinal	Transverse	Longitudinal	Transverse	Longitudinal	Transverse	Longitudinal	Transverse	Longitudinal	Transverse

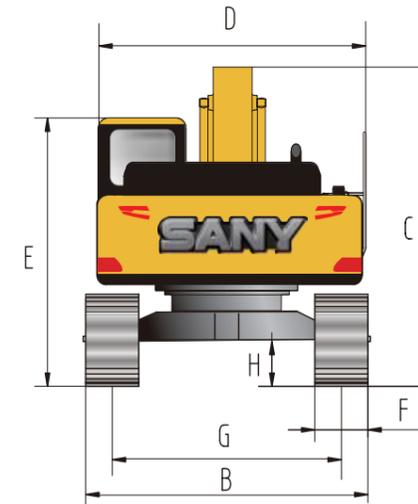
7.5m	Kg										
6.0m	Kg							*7857	*7857		
4.5m	Kg			*12146	*12146	*9592	*9592	*8269	6856		
3.0m	Kg			*14650	*14650	*10745	9126	*8823	6638	*7696	5095
1.5m	Kg			*16054	13197	*11633	8745	*9287	6434	*7819	5004
地面	Kg			*16022	12950	*11951	8515	*9457	6293		
-1.5m	Kg	*14577	*14577	*15082	12942	*11590	8439	*9137	6242		
-3.0m	Kg	*16715	*16715	*13312	*13312	*10420	8499	*7924	6314		

1. The lifting capacity is calculated in accordance with ISO10560 and SAEJ1097, where limit coefficient of hydraulic system is 0.87 and tilting limit coefficient is 0.75;

2. The item with the mark * is limited by hydraulic pressure and the item without the mark " *" is limited by stability;

3. Lifting point is front support hole of bucket rod (excluding the weight of bucket). It is necessary to deduct from the above lifting capacity if additional accessory is installed such as bucket etc.;

Overall dimensions (mm)

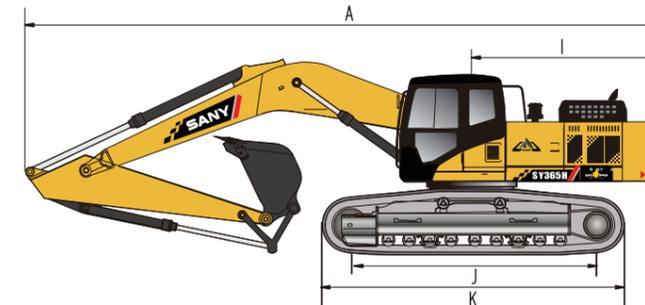


Overall dimensions: mm SY365H

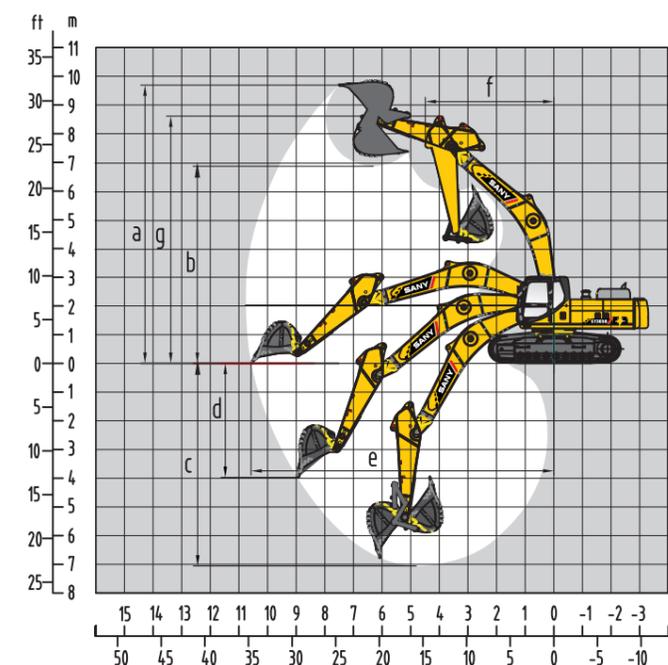
A. Overall length (in transportation state)	11530
B. Overall width	3190
C. Overall height (in transportation state)	3545
D. Upper width	3150
E. Overall height (cab top)	3320
F. Width of standard track shoe	600
G. Track gauge	2590
H. Minimum ground clearance	550
I. Slewing radius of tail	3560
J. Ground contact length of track	4140
K. Track shoe length	5065

Performance Parameters SY365H

Total weight, kg	36000
Bucket capacity, m ³	1.6~2.32
Rated power, kW/rpm	212/2000
Traveling speed (high/low), km/h	5.5/3.5
Slewing speed, rpm	9.5
Gradeability	70%/35°
Ground pressure, kPa	65
Digging force of bucket, kN	235
Digging force of bucket rod, kN	180



Operating range (mm)



Operating range: mm SY365H

a. Maximum digging height	9890
b. Maximum unloading height	6920
c. Maximum digging depth	7050
d. Maximum digging depth with vertical boom	3970
e. Maximum digging distance	10780
f. Minimum slewing radius	4495
g. Maximum height at minimum slewing radius	8600



SY365H
**Powerful Tool for
Mining Excavation
Value Leader**

**New-generation Super Hydraulic
Excavator for Mining**

