



SY375H

Hydraulic Excavator



KEY FEATURES

- **Exceptional Performance and Efficiency:** Equipped with a 212 kW Isuzu GH-6HK1X engine, the SY375H offers 6% more power and 20% higher torque compared to the previous generation, achieving superior performance in heavy-duty mining operations. The “positive flow” hydraulic system increases efficiency by 8% and reduces fuel consumption by 10%.
- **Improved Maintenance and Cost Efficiency:** Maintenance intervals for engine oil, hydraulic oil, and filters have been extended, reducing maintenance costs by up to 50%. The design includes a spacious engine compartment and easy-access components, streamlining maintenance operations.
- **High Excavating Power:** The SY375H delivers an impressive bucket digging force of 235 kN and an arm crowd force of 210 kN, with optimized bucket design and trajectory for improved excavation efficiency and reduced resistance, making it ideal for challenging mining and quarry operations.

Total Weight:
37 500kg

Rated Power:
212kW

Bucket capacity:
1.9m³

Digging Depth:
7 155mm

SY375H

Dimensions & Specifications

MAIN PERFORMANCE

Traveling speed (high/low)	5.5/3.5 (km/h)
Slewing speed	8.8rpm
Gradeability	70% (35°)
Ground pressure	68.8kPa
Digging force of bucket	235kN
Digging force of bucket rod	210kN

ENGINE

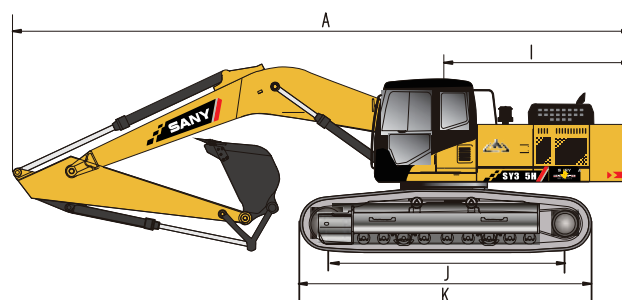
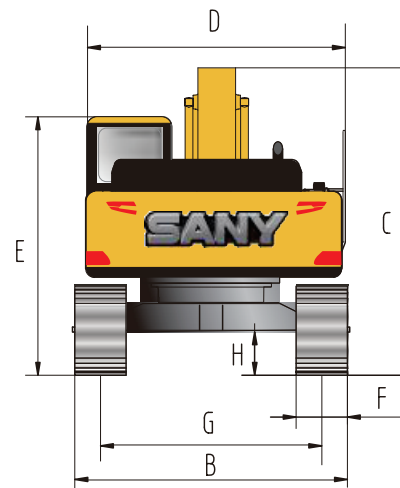
Model	Isuzu GH-6HK1XKSC
Type	Direct injection, 6-cylinder, 4-stroke, turbocharged, inter-cooling and water-cooled
Rated power	212kW/2000rpm
Maximum torque	1080Nm/1500rpm
Displacement	7.79L

CAPACITY OF OIL AND COOLANT

Fuel tank	540L
Hydraulic oil	36L
Engine oil	28L
Anti-freezing fluid	2×8.5L
Final drive	2×4.0L

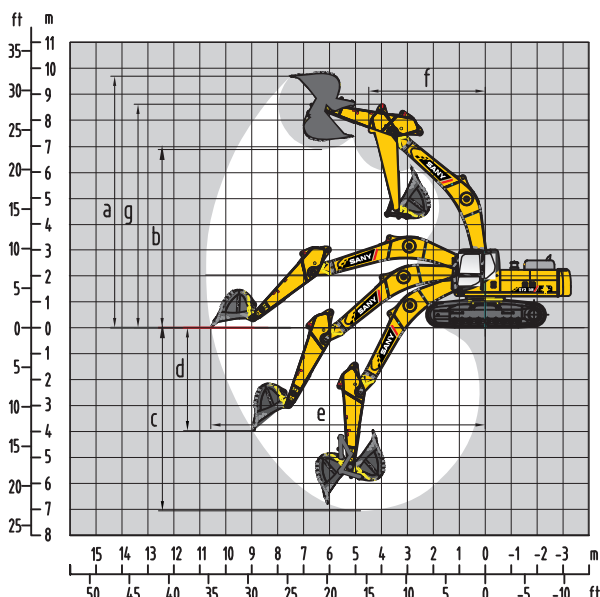
TRAVELING PART

Number of track plates	49
Each carrier roller side	2
Each thrust wheel side	9
Standard track	600mm



OVERALL DIMENSIONS

A. Overall length (during transportation)	11425 mm
B. Overall width	3190 mm
C. Overall height (during transportation)	3825 mm
D. Upper width	3230 mm
E. Overall height (cab top)	3440 mm
F. Width of standard track shoe	600 mm
G. Track gauge	2590 mm
H. Minimum ground clearance	550 mm
I. Slewing radius of tail	3610 mm
J. Ground contact length of track	4140 mm
K. Track length	5100 mm



OPERATING RANGE

a. Maximum excavating height	9920 mm
b. Maximum unloading height	7010 mm
c. Maximum excavating depth	7155 mm
d. Maximum excavating depth with vertical boom	5125 mm
e. Maximum excavating distance	10750 mm
f. Minimum slewing radius	4390 mm
g. Maximum height at minimum slewing radius	8930 mm



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