



SANY

supported by **Putzmeister**

SY870H Pro

Engine Power

377kW/1800rpm

Bucket Capacity

5.0-5.8m³

Operating Weight

78600kg



Strong Power



Built Tough



Operator Comfort



Safety & Maintenance

- ◆ Purpose - built mining and construction-grade engine and hydraulic systems deliver serious muscle for heavy-duty projects.
- ◆ By simulating and analysing the complete machine structure during the design phase, the strength of essential components has been reinforced
- ◆ Fitted with automatic air conditioning, smart touch screen, and one-button start, the cab is designed with operator comfort in mind.
- ◆ Wide maintenance access with cameras, warning lights, and safety features built in, Every detail has been designed to improve visibility, simplify servicing and keep operators and sites safe.

Technical specifications

Specification		Main performance	
Operating weight	78600 kg	Traveling speed (high/low)	4.5/2.9 (km/h)
Bucket Capacity	5.0-5.8 m ³	Swing speed	7.7 rpm
Engine	GB III	Gradeability	70% (35°)
Model	6WG1-XDHAG-01-C3	Ground pressure	114 kPa
Type	Direct injection, 6-cylinder, 4-stroke, turbocharged, inter-cooling and water-cooled	Bucket digging force	432 kN
Engine power	377 kW/ 1800 rpm	Arm crowd force	370 kN
Maximum torque	2138 Nm/ 1500 rpm		
Displacement	15.68 L		

Machine dimensions

Overall dimensions (mm)	SY870H Pro	Operation range (mm)	SY870H Pro
A. Overall length (transportation)	13002	a. Max. digging height	10910
B. Overall width	3540/4320	b. Max.unloading height	7047
C. Overall height (transportation)	4742	c. Max. digging depth	7247
D. Upper width	3460	d. Max. digging reach	11703
E. Overall height (cab-top)	3795	e. Min. swing radius	5586
F. Width of standard track shoe	650	f. Max. height at min slewing radius	9802
G. Track gauge	2780/3380		
H. Min. ground clearance	880		
I. Slewing radius of tail	4220		
J. Ground contact length of track	4770		
K. Track length	5946		

