



SY980H

Rated power

478kW/1900rpm

Bucket capacity

6.5m³

Total weight

95000kg



Fully imported direct injection engine



Multistage filtration processing system



Super-capacity bucket



Intelligent vehicle cab

Strong power

- ◆ Equipped with the Scania DC16 engine, rated power of 478kW, 10% efficiency improvement, it is powerful and capable of meeting high-load requirements for mining operations.
- ◆ Adopting the fully electronic control integrated matching technology, power-free lowering technology for the boom, and independent oil radiator and water radiator control.
- ◆ In order to cope with the harsh working conditions in mines, the convenience of replacing maintenance parts is enhanced through the design of "large space, easy access", expanding the operating space for replacing various maintenance parts by 20-30%.
- ◆ SY980H can be equipped with 4 series of buckets to meet the "one condition, one bucket" requirement, easily cope with various complex working conditions.

Technical specifications

Specification		Main performance	
Overall weight	95000kg	Traveling speed (high/low)	4.2/2.8km/h
Bucket Capacity	6.5m ³	Rotation speed	7rpm
Model	Scania DC16	Gradeability	70% (35°)
Type	V8 cylinder 4 stroke, turbocharged intercooled, water cooled	Ground pressure	128kPa
Rated Power	478kW/1900rpm	Bucket digging force	495kN
Maximum torque	3260Nm/1400rpm	Bucket arm digging force	469kN
Displacement	16.4L	Walking traction force during movement	668kN

Machine dimensions

Overall dimensions (mm)	SY980H	Operation range (mm)	SY980H
A. Overall length (during transportation)	13930	a. Maximum excavation height	12450
B. Total width (operation/transportation)	4460/3700	b. Maximum dumping height	8205
C. Overall height (during transportation)	5300	c. Maximum excavation depth	7062
D. Upperstructure width (excluding walking platform)	3400	d. Maximum digging depth of the digging vertical arm	4520
E. Overall height (cab top)	3480	e. Maximum excavation radius	12557
F. Standard track shoe width	650	f. Minimum turning radius	4847
G. Track gauge (in transportation state / in operation state)	3510/2750	g. Maximum height at minimum turning radius	10580
H. Min. ground clearance	912	Maximum digging radius on the horizon	12185
I. Tail swing radius	4847		
J. Length to centers of rollers	5070		
K. Track length	6350		

