

SANY SY870E



ELECTRIC 87t Excavator



COMFORT AS STANDARD

Low noise levels combined
with ergonomic designed
drivers place.

Control
Panel 10"



Integrated
Key panel



Adjustable
seat



Perfect
View



Flexible
Airflow



ENERGY PACKED CORE



6kV Cable Reel

The excavator is supplied with 6kV with cable reel. This makes it flexible and can be equipped with high voltage connectors.



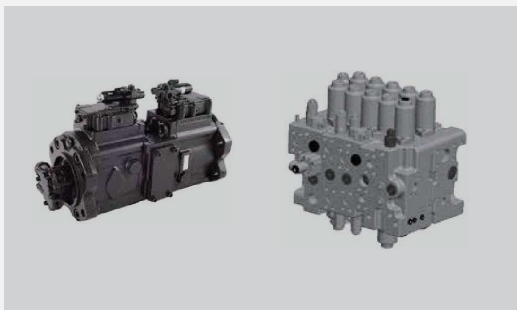
6kV Infrastructure

We can supply the infrastructure adapted to your specific tasks. This makes the use of 6kV both safe and flexible.



INTEGRATED CONTROLLER

Yet another important part of the hybrid trucks. SANY controllers optimizes energy use and adapts to the preferences of the operator. Warranty program of 3-years.



MAIN PUMP & VALVE

SANY uses Kawasaki hydraulics, the forth generation pump guarantees high reliability and flow. Electronic valves makes the operation both smooth and powerful, yet with exact precision.

SANY R & D



Kunshan Development center for excavators.



Manufacturing in
lighthouse factories



Complete R & D test
system



Safety Certifications

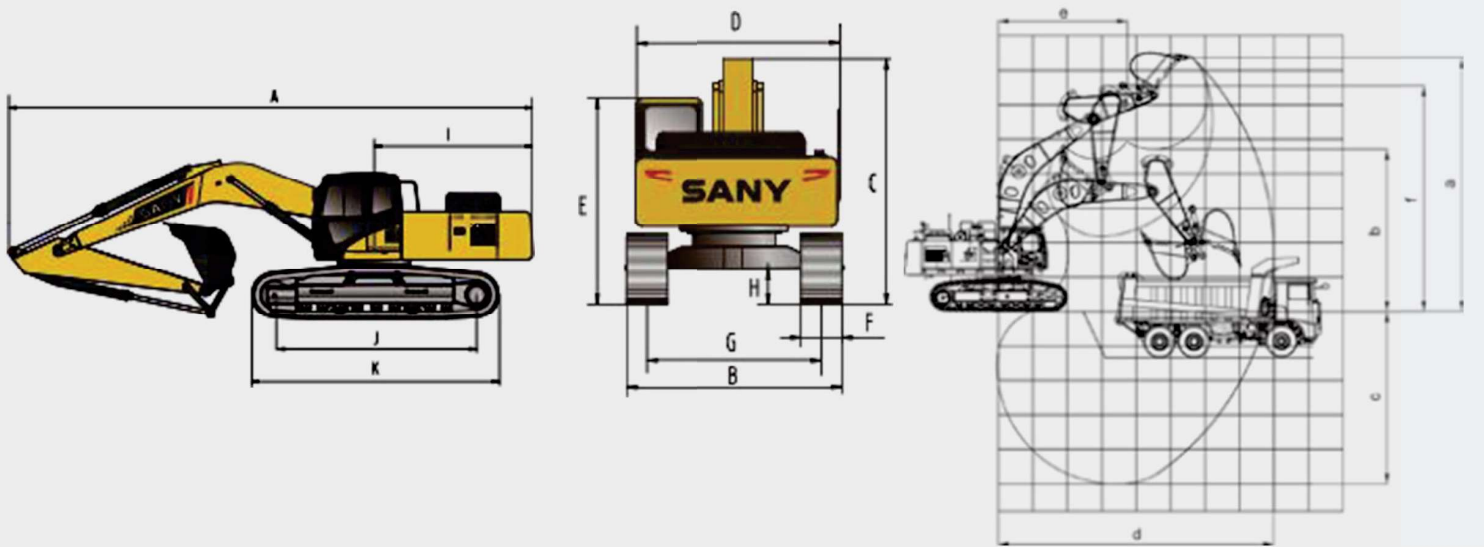
DIMENSIONS

Gross weight
Bucket dig force
Arm dig force

81,5t
390kN
366kN

Rated power
Swing Speed
Travel Speed

370kW
7.2rpm
4.5/2.9 km/h



Performance		Dimensions		Operations	
Weight kg	81500kg	A. Overall length (Transportation)	13152	a. Max. digging height	11055
Bucket capacity m ³	5	B. Under structure width	3430/4030	b. Max. unloading height	7051
Power Kw/rpm	370/1490	C. Overall height	5100	c. Max. digging depth	7425
gradeability	70% (35°)	D. Upper structure width	4480	d. Max. digging reach	11986
Travel speed (H/L) km/h	4.5/2.9	E. Overall height (cab top)	3872	e. Min. swing radius	5620
Swing speed rpm	7.2	F. track shoe width	650	f. Max. height at min. swing radius	9811
Bucket digging force kN	390	G. Track gauge	2780/3380		
Arm digging force kN	366	H. Min. ground clearance	892		
		I. Tail swing radius	4175		
		J. wheel track	4770		
		K. Under carriage length	5986		