

BRAND NEW



SANY
Quality Changes the World

Operating Weight : 14260 Kg

Bucket Capacity : 0.7m³HD

Engine Power : 100.5 HP (75 Kw)/ 2200rpm

**HIGH ADAPTABILITY IN COMPACT TUNNEL
EXCELLENT PERFORMANCE
HIGH RELIABILITY**



SY140C-9S TUANEL
HYDRAULIC EXCAVATOR

SPECIFICATIONS

SY140C-9S TUNNEL

ENGINE

| | |
|--------------------|----------------------------------|
| Model | Cummins B3.9-100c |
| Type | 4 Cylinder, Inline, Water Cooled |
| Rated Engine Power | 100.5HP (75 kW) / 2200 rpm |
| Max. Torque | 385Nm/1300rpm |
| Battery | 2 X 12 V |
| Displacement | 3.9 L |

CONTROL SYSTEM

| | |
|--------------------------|------------------------------|
| Control System | DOMCS Intelligent Controller |
| Control Hydraulic System | Positive Flow |
| Working Modes | H, S, B, L |
| Remote Monitoring System | GPRS, GPS, GIS |

HYDRAULIC SYSTEM

| | |
|--------------|---|
| Main Pumps | 2 Variable Displacement Axial Piston Pumps |
| Max. Flow | 2×121 lpm |
| Pilot Pump | 1 Gear Pump |
| Travel Motor | 2 Axial Piston Motor with Parking Brake |
| Swing Motor | 1 Axial Piston Motor with Swing Holding Brake |

RELIEF VALVE SETTINGS

| | |
|-------------------|----------|
| Implement Circuit | 31.4 Mpa |
| Swing Circuit | 25 Mpa |
| Travel Circuit | 31.4 Mpa |
| Pilot Circuit | 3.9 Mpa |

UNDERCARRIAGE & WORKING DEVICE

| | |
|--------------------------|-----------------------|
| Track Shoes (Each Side) | 44 |
| Upper Roller (Each Side) | 1 |
| Lower Roller (Each Side) | 7 |
| Track Guard (Each Side) | 1 |
| Std. Track | 500 mm |
| Std. Boom | 2900mm |
| Std. Arm | 1700mm |
| Std. Bucket | 0.70m ³ HD |

PERFORMANCE

| | |
|-----------------------------|----------------|
| Max. Travel Speed(High/Low) | 5.5 / 3.5 km/h |
| Swing Speed | 12 rpm |
| Grade ability | 70% / 35° |
| Ground Pressure | 43.1 kPa |
| Max. Tracking Force | 124.1 kN |
| Bucket Digging Force | 77.7 kN |
| Arm Digging Force | 81.8 kN |

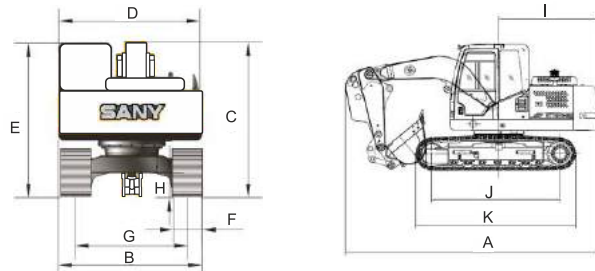
SERVICE REFILL CAPACITIES

| | | |
|----------------|--------------|----------------|
| Hydraulic Tank | 150 L (Tank) | 120 L (Refill) |
| Fuel Tank | 240 L | |
| Engine Oil | 9 L | |
| Radiator | 6.7 L | |
| Swing Device | 3 L | |
| Travel Device | 2x2.22 L | |

SPECIAL OFFERINGS

| | |
|---------------------------|------|
| AC | Opt. |
| Cabin Guard (Front & Top) | Std. |
| Quick Coupler | Opt. |
| Rock Breaker | Opt. |

DIMENSION (Unit: mm)

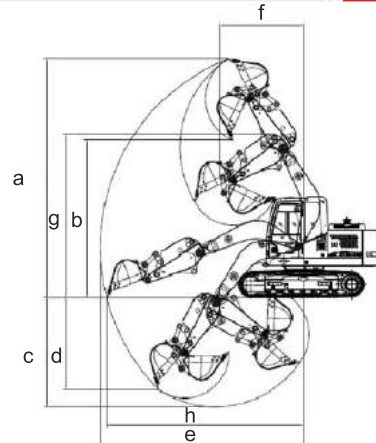


DIMENSION (Unit: mm)

2900mm Boom, 1700mm Arm

| | |
|-----------------------------|------|
| A. Overall Length | 5772 |
| B. Overall Width | 2510 |
| C. Overall Height | 2825 |
| D. Upper Width | 2517 |
| E. Overall Height of Cab | 2825 |
| F. Std. Track Shoe Width | 500 |
| G. Track Gauge | 1990 |
| H. Min. Ground Clearance | 425 |
| I. Rear-end Swing Radius | 2285 |
| J. Distance between Tumbles | 2930 |
| K. Under Carriage Length | 3665 |

WORKING RANGE



WORKING RANGE (Unit: mm)

2900mm Boom, 1700mm Arm

| | |
|---------------------------------------|------|
| a. Max. Cutting Height | 6868 |
| b. Max. Dumping Height | 4534 |
| c. Max. Digging Depth | 3131 |
| d. Max. Vertical Wall Digging depth | 2633 |
| e. Max. Digging Reach | 5918 |
| f. Min. Swing Radius | 2432 |
| g. Max. Height at Min.Swing Radius | 4713 |
| h. Max. Digging Reach at Ground Level | 5744 |

SPECIAL FEATURES

- Heavy duty front attachment
- Boom bottom mounted arm cylinder
- Highly protected bucket cylinder & it's hydraulic lines
- Side mounted hydraulic hoses & pipes on the front attachment.
- Bigger & wider HD bucket with HD bucket linkages

SANY HEAVY INDUSTRY INDIA PVT. LTD.

HEAD OFFICE

Address : Plot No. E-4, Chakan Industrial Area Phase-III,
Village Kuruli, Taluka Khed, District Pune - 410501,
Maharashtra, INDIA.

E-mail : customer@care@sany.in

Website : www.sany.in

Toll Free No.: 1800-209-3337



Material & specification are subject to change without prior notice in accordance with our continuous technical innovations. Featured machines in photos may include additional equipment.