

Machine Name : Excavators

Brand : SANY

Machine Model : SY75C-9

Stock No. : 810134

Ex-factory Date : 2015



Main Technical Parameters:

Rotational speed: 11.5 rpm

Walking speed (high/low): 4.4 / 2.4 km/h

Climbing ability: 70% ($\approx 35^\circ$)

Ground pressure: 33 kPa

Bucket digging force: 56 kN

Bucket shaft digging force: 38 kN

Engine Parameters

Engine model: CC-4JG1PAC

Engine type: Four-cylinder, four-stroke direct injection diesel engine

Number of cylinders: 4

Cooling method: Water cooling

Rated power: 40.9 kW / 2100 rpm

Hydraulic System

Maximum flow rate of the main pump: 149 L/min

Pressure of the walking hydraulic circuit: 26 MPa

Pressure of the rotary hydraulic circuit: 21.6 MPa

Control pressure of the hydraulic circuit: 3.6 MPa

Hydraulic crushing pipeline: Non-standard configuration

Main Body Dimensions (Transportation Status)

Total transportation length: 6,120 mm

Total transportation width: 2,220 mm

Total transportation height: 2,720 mm

Vehicle width: 2,040 mm

Total track length: 2,820 mm

Track plate width: 450 mm

Total width of the track: 2,220 mm

Track gauge: 1,750 mm

Minimum ground clearance: 380 mm

Rear end turning radius: 1,720 mm

VI. Scope of Work

Maximum excavation radius: 6,240 mm

Maximum excavation depth: 4,020 mm

Maximum excavation height: 7,060 mm
Maximum unloading height: 5,155 mm
Maximum vertical excavation depth: 3,290 mm
Parameters of the Bulldozer Blade
Height of the bulldozer blade: 405 mm
for reference only
Operating range of the bulldozer blade:
Lifting height: 350 mm
Push depth: 360 mm



