



general:

- operating weight 18.000 kg without outriggers
- upper structure width 2.490 mm
- undercarriage width (parallel blade) 2.550 mm
- transport height 3.200 mm
- max. arm cylinder breakout force (ISO) 75 kN
- max. bucket cylinder breakout force (ISO) 105 kN

electric motor:

- CRCC, synchronous motor with permanent magnets
- rated power 115 kW
- rated torque 580 Nm
- max. power 150 kW
- max. torque 1.100 Nm
- auto idle

battery package:

- CATL lithium ion - long life version
- capacity 400 kWh
- rated voltage 618 V
- charging time 1.5 hours

hydraulic system:

- Rexroth Bosch Group, axial piston single pump, load sensing hydraulic system with pressure compensated valves, max. capacity 290 l/min, max. 340 bar, power boost max. 360 bar
- AUX1 extra function, 0-100 l/min, proportional control on joystick, connections on arm with ball valves
- AUX2 extra function, 0-100 l/min, proportional control on joystick, connections on arm with ball valves
- quick connect fitting over arm end
- quick coupler function with pipes over boom and arm
- boom and arm cylinders with load holding valves
- 5 work tools can be pre-selected and programmed via colour monitor
- 3 work modes can be pre-selected

slewing ring:

- planetary gearbox with automatic swing brake
- max. slewing speed 11 rpm

undercarriage:

• drive train: A variable axle piston motor in combination with a power shift gearbox supplies 2 speeds. The gearbox distributes the energy via propeller shafts to the axles.

- framework: all-welded robust torsion box frame
- wheels: alternative single and twin wheels available
- front axle: robust excavator axle with automatic or operator controlled front axle oscillation lock
- undercarriage available with all possible combinations of bolted outriggers and /or parallel blade
- twin wheels: 10-20 in
- max. tractive force 100 kN
- max. speed 30 km/h
- optional plastic mudguards

cabin:

- C12 model
- ROPS/FOPS
- cabin mounting on vibration dampers
- 10" full colour monitor



- air-suspended seat with adjustable armrests
- 2 short joy-sticks with AUX1 and AUX2 Proportional control and additional functions buttons
- interior lighting
- openable windshield with wiper and washer
- openable roof hatch
- rubber floor mat
- heating and climate control
- Integrated radio with Blue connection
- 24V and 5V power outlet
- cup holder
- horn
- windshield sunshade

safety:

- camera on rear counterweight, camera on right side, camera on left side, on the front of the cabin (360° view)
- battery master switch
- acoustic driving alarm
- emergency stop accessible from ground
- safety hammer
- exterior mirrors left and right
- handrails
- IP67 key electric components protection

lights:

- 5 LED work lights on the front of the cabin
- 2 LED work lights on boom
- 1 LED work light on right side, 1 LED work light on left side
- 4 LED work lights on rear counterweight
- 1 alarm light on the top of the cabin
- A pair of headlights including high beam, low beam, turn signal, position lamp
- A pair of rear brake lights
- A pair of rear turn signal lights
- A pair of rear indicator lights
- 1 sidelights on right side, 1 sidelights on left side
- license plate light

work equipment:

- 5.38m 2 piece boom
- 2.5m arm
- Without bucket

regulations:

- according to the requirements for applicable CE-regulations

Sany warranty:

- Applicable to the standard machine as delivered from the factory and excluding adjustments and options/accessories.
- main drive battery: 5 years / 6.000 hours, whichever comes first
- other parts, with the exception of what is not included (see below): 5 years / 10.000 hours, whichever comes first
- Not included are wearing parts, oils, lubricants and fluids, filter elements, paintwork, windows and mirrors, rubber parts, batteries for 24V system, gaskets, undercarriage, daily and regular maintenance, parts not supplied with the machine from the factory, damage as a result of external disaster, damage



as a result of operating errors, damage due to overload, damage as a result of incomplete or incorrect maintenance, travel and accommodation costs, transport costs, cleaning of the machine, damage incurred as a result of adjustments to the machine, consequential damage and/or costs of a replacement machine.

- The periodic maintenance required by SANY has to be executed by an official by authorized SANY service partner or specialist.
- Warranty applies to the first owner and can only be transferred to another owner after approval in writing by SANY
- From the 2nd year onwards, a contribution of € 500,00 per warranty claim has to be paid by the customer.