**Product specifications**

**Engine**

Model: ISUZU AR-4JJ1XASK-01

Type: Direct injection, water-cooled, 4-cycle, 4-cylinder diesel engine with intercooler turbo-charger (Stage IV-compliant engine)

Fuel tank: 190 L

Displacement: 2.999 L

Rated power output: 78.5 kW / 2,000 min-1 (ISO 14396)

**Digging force**

Bucket digging force (Standard): 90.1

Bucket digging force (Long): 90.1

Arm crowding force (Standard): 64.4

Arm crowding force (Long): 58.1

Standard label: 2.38 m

Long label: 2.84 m

Power boost engaged: UNIT = kN

**Hydraulic system**

Type: Two variable displacement pumps + One gear pump

Max. discharge flow: 2 x 130 L/min, 1 x 20 L/min

Swing motor: Axial piston motor

Hydraulic Oil tank: 79.3 L tank oil level, 168.0 L hydraulic system

Boom, arm and bucket: 34.3 Mpa

Travel circuit: 34.3 Mpa

Swing circuit 28.0 Mpa

Control circuit: 5.0 Mpa

Pilot control pump: Gear type

Main control valve: 8-spool

Oil cooler: Air cooled type

**Travel Force**

Travel motors: 2 x aфxial piston, two-speed motors

Travel brakes: Hydraulic brake per motor

Parking brakes: Oil disk brake per motor

Travel shoes: 46 each side

Travel speed: 5.6 / 3.4 km/h

Swing speed: 11.0 min-1

Drawbar pulling force: 138 kN

Gradeability: 70% {35 degrees}