

| | CX220C LC HD | CX130C | CX210C | CX220C | CX220C LR | CX250C | CX300C | CX350C |
|--|---|--|---|---|---|--|--|---|
| ENGINE | | | | | | | | |
| Model | FPT F4HE0687A*J105 | ISUZU GG-4JJ1X | FPT F4HE0687A*J105 | GF-4HK1X | GF-4HK1X | ISUZU AL-4HK1X | ISUZU GH-6HK1X | ISUZU GH-6HK1X |
| Type | Water-cooled, 4-cycle diesel, 6-cylinder in line, electronically controlled, high pressure common rail system, turbocharger, air cooled intercooler | Water-cooled, 4-cycle diesel, 4-cylinder in line, High pressure common rail system (electric control), Turbocharger with air cooled intercooler. | Water-cooled, 4-cycle diesel, 6-cylinder in line, electronically controlled, high pressure common rail system, turbocharger, air cooled intercooler | Water-cooled, 4-cycle diesel, 4-cylinder in line, electronically controlled, high pressure common rail system, variable geometry turbocharger, air cooled intercooler | Water-cooled, 4-cycle diesel, 4-cylinder in line, electronically controlled, high pressure common rail system, variable geometry turbocharger, air cooled intercooler | Water-cooled, 4-cycle diesel, 4-cylinder in line, Electronically controlled, high pressure common rail system, variable geometry turbocharger, air cooled intercooler, DPD system with autoregeneration. | Water-cooled, 4-cycle diesel, 6-cylinder in line, High pressure common rail system (electric control), Turbocharger with air cooled intercooler. | Water-cooled, 4-cycle diesel, 6-cylinder in line, high pressure common rail system, turbocharger air cooled intercooler |
| Emission certified | Tier 3 | EGR Less | Tier 3 | Tier 3 | - | Tier IV Interim | - | - |
| Number of cylinders / Displacement | 6.727 l | 3.0 l | 5.19 l | 6.727 l | 5.19 l | 5.19 l | 6 / 7790 cc | 6 / 7790 cc |
| Bore & stroke | 104 x 132 mm | 95.4 x 104.9 mm | 115 x 125 mm | 104 x 132 mm | 115 x 125 mm | 115 x 125 mm | 115 x 125 mm | 115 x 125 mm |
| Horsepower ISO 14396 GROSS | - | 73 kW (98 hp) at 2000 min-1 | 122 kW @ 1800 min-1 | - | 122 kW @ 1800 min-1 | - | 212 kW at 2000 min-1 | 212 kW at 2000 min-1 |
| Horsepower ISO 9249 NET | - | 70.9 kW (95 hp) at 2000 min-1 | 117.3 kW @ 1800 min-1 | - | 117.3 kW @ 1800 min-1 | 132 kw @ 2000 min-1 | 202 kW at 2000 min-1 | 200 kW at 2000 min-1 |
| ISO 14396 Gross Power with Fan Pump | - | - | - | - | - | - | - | - |
| ISO 14396 without Fan Pump | - | - | - | - | - | - | - | - |
| Max power @1800min-1 ISO 14396 - Imperial | 117 kW/ 157 hp | - | - | 117 kW/ 157 hp | - | - | - | - |
| Max power @1800min-1 ISO 14396 - Metric | 117 kW/ 159 hp | - | - | 117 kW/ 159 hp | - | - | - | - |
| Maximum torque ISO 14396 GROSS | 622 Nm @ 1800 min-1 | 346 Nm at 1600 min-1 | 624 Nm @ 1600 min-1 | 622 Nm @ 1800 min-1 | 624 Nm @ 1600 min-1 | - | 1020 Nm at 1500 min-1 | 1020 Nm at 1500 min-1 |

| | | | | | | | | |
|--|---|---|---|---|---|----------------------------|---|---|
| Maximum torque ISO 9249 NET | - | - | 608 Nm @ 1600 min-1 | - | 608 Nm @ 1600 min-1 | 621 Nm @ 1800 min-1 | 989 Nm at 1500 min-1 | 983 Nm at 1500 min-1 |
| Maximum torque SAE J1349 NET | - | 340 Nm at 1600 min-1 | - | - | - | - | - | - |
| HYDRAULIC SYSTEM | | | | | | | | |
| Type | 2 variable displacement axial piston pumps with regulating system | 2 variable displacement axial piston pumps with regulating system | 2 variable displacement axial piston pumps with regulating system | 2 variable displacement axial piston pumps with regulating system | 2 variable displacement axial piston pumps with regulating system | - | 2 variable displacement axial piston pumps with regulating system | 2 variable displacement axial piston pumps with regulating system |
| Max oil flow | 2 x211 l/min at 1800 min-1 | 2 x129 l/min @ 2000 min-1 | 2 x211 l/min at 1800 min-1 | 2 x211 l/min at 1800 min-1 | 2 x 211 l/min @ 1800 min-1 | 2 x 234 l/min @ 2000 min-1 | 2 X 270 l/min at 2000 min-1 | 2 x 300 l/min at 2000 min-1 |
| Working circuit pressure - Boom/Arm/Bucket circuit | 34.3 MPa | 34.3 MPa | 34.3 MPa | 34.3 MPa | 34.3 MPa | 34.3 MPa | 34.3 MPa | 34.3 MPa |
| Working circuit pressure - Boom/Arm/Bucket circuit (with auto power up) | 36.8 MPa | 36.3 MPa | 36.8 MPa | 36.8 MPa | 36.8 MPa | 36.8 MPa | 37.3 MPa | 37.3 MPa |
| Working circuit pressure - Swing circuit | 29.4 MPa | 27.9 MPa | 29.4 MPa | 29.4 MPa | 29.4 MPa | 27/28.9 MPa | 30.4 MPa | 30.4 MPa |
| Working circuit pressure - Travel circuit | 34.3 MPa | 34.3 Mpa | 34.3 MPa | 34.3 MPa | 34.3 MPa | 34.3 Mpa | 34.3 MPa | 34.3 MPa |
| SWING | | | | | | | | |
| Maximum swing speed | 11.5 min-1 | 14.3 min-1 | 11.5 min-1 | 11.5 min-1 | 11.5 min-1 | 10.6 rpm | 11 min-1 | 10 min-1 |
| Swing torque | 64,400 Nm | 33,000 Nm | 64,400 Nm | 64,400 Nm | 64,000 Nm | 74900 Nm | 92,100 Nm | 112,000 Nm |
| ELECTRICAL SYSTEM | | | | | | | | |
| Circuit | 24V | 24V | 24V | 24V | 24V | 24V | 24 V | 24 V |
| Alternator | 70 Amp | 50 Amp | 70 Amp | 50 Amp | 50 Amp | 50 Amp | 50 Amp | 50 Amp |
| Starter motor | 4.0 kW | 4.0 kW | 4.0 kW | 5.0 kW | 5.0 kW | 5.0 kW | 5.0 kW | 5.0 kW |
| Battery | 2 x 12 V 110Ah | 2x12V 62 Ah/5HR | 2x12V 88 or 92 Ah/5HR | 2 x 12 V 110Ah | 2x12V 88 or 92 Ah/5HR | 2x12V 92 Ah/5HR | 2 x 12 V 128 Ah/5 HR | 2 x 12 V 128 Ah/5 HR |
| FILTERS | | | | | | | | |
| Suction filter | 105 µm | 105 µm | 105 µm | 105 µm | | 105 µm | 105 µm | 105 µm |

| | | | | | | | | |
|--------|--------------------------|------|------|------|------|------|------|------|
| 105 µm | Return filter | 6 µm | 6 µm | 6 µm | 6 µm | 6 µm | 6 µm | 6 µm |
| 6 µm | Pilot line filter | 8 µm | 8 µm | 8 µm | 8 µm | 8 µm | 8 µm | 8 µm |

8 µm

TRAVEL

| | | | | | | | | |
|-------------------------|--|--|--|--|--|---|--|--|
| Travel motor | Variable displacement axial piston motor | Variable displacement axial piston motor (Automatic travel speed shifting) | Variable displacement axial piston motor | Variable displacement axial piston motor (Automatic travel speed shifting) | Variable displacement axial piston motor (Automatic travel speed shifting) | Variable displacement axial piston motor, automatic travel speed shifting | Variable displacement axial piston motor | Variable displacement axial piston motor |
| Max travel speed | 5.6 km/h | 5.6 km/h | 5.6 km/h | 5.6 km/h | 5.6 km/h | 5.5 km/h | 5.7 km/h | 5.4 km/h |
| Low travel speed | 3.4 km/h | 3.4 km/h | 3.4 km/h | 3.4 km/h | 3.4 km/h | 3.5 km/h | 3.3 km/h | 3.4 km/h |
| Gradeability | 70% (35°) | 70% (35°) | 70% (35°) | 70% (35°) | 70% (35°) | 70% (35°) | 70% (35°) | 70% (35°) |
| Drawbar pull | 205 kN | 117 kN | 188 kN | 205 kN | 188 kN | 201 kN | 233 kN | 264 kN |

UNDERCARRIAGE

| | | | | | | | | |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Number of carriers rollers (each side) | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| Number of track rollers (each side) | 8 | 7 | 7 | 7 | 8 | 9 | 9 | 8 (long crawler) |
| Number of shoes (each side) | 49 | 43 | 46 | 46 | 49 | 51 | 50 | 48 (long crawler) |
| Type of shoe | Triple grouser shoe | Triple grouser shoe | Triple grouser shoe | Triple grouser shoe | Triple grouser shoe | Triple grouser shoe | Triple grouser shoe | Triple grouser shoe |

CAPACITIES

| | | | | | | | | |
|--------------------------|---------|---------|--|---------|--|---------|---------|---------|
| Fuel tank | 458 lt | 260 lt | 410 lt | 458 lt | 410 lt | 410 lt | 450 lt | 580 lt |
| Hydraulic system | 295 lt | 157 lt | 240 lt | 295 lt | 240 lt | 250 lt | 300 lt | 350 lt |
| Cooling system | 25 lt | 17,6 lt | 29,8 lt | 25 lt | 29,8 lt | 30,2 lt | 32,7 lt | 32,9 lt |
| Engine crank CASE | 16.5 lt | 17 lt | 23.1 Number of cylinders/displacement Bore/Stroke Max oil flow | 16.5 lt | 23.1 Number of cylinders/displacement Bore/Stroke Max oil flow | 29.6 lt | 41 lt | 41 lt |