

XCMG FOR YOUR SUCCESS



# XE520C

## HYDRAULIC EXCAVATOR



**XCMG**

|                  |                  |
|------------------|------------------|
| ENGINE POWER     | - 380.6 hp       |
| ENGINE MAKE      | - Cummins (US)   |
| OPERATING WEIGHT | - 50000 kg       |
| BUCKET CAPACITY  | - 2.3 - 3.1 cu.m |

## ENGINE

|              |                                                  |
|--------------|--------------------------------------------------|
| Model        | Cummins QSM11                                    |
| Type         | 6 Cylinder, Turbocharged, Air to Air Intercooler |
| Rated Power  | 380.6 hp @ 2000rpm                               |
| Max Torque   | 193.5 kgf.m @ 1300rpm                            |
| Batteries    | 2 x 12V                                          |
| Displacement | 11 L                                             |

## HYDRAULIC SYSTEM

|                   |                                            |
|-------------------|--------------------------------------------|
| Main Pump         | 2 Variable Displacement Axial Piston Pumps |
| Max Flow          | 2 x 360 LPM                                |
| Pilot Pump        | 1 Gear Pump                                |
| Implement Circuit | 34.4/37 MPa                                |
| Swing Circuit     | 31 MPa                                     |
| Travel Circuit    | 34.4 MPa                                   |
| Pilot Circuit     | 3.9 MPa                                    |

## UNDERCARRIAGE

|                       |                                               |
|-----------------------|-----------------------------------------------|
| Track Shoes           | 49                                            |
| Upper Rollers         | 2                                             |
| Lower Rollers         | 9                                             |
| Shoe Width            | 600 mm                                        |
| Std Boom              | 6.67 m                                        |
| Std Arm (Optional)    | 2.4 m (2.9/3.38 m)                            |
| Std Bucket (Optional) | 3.1 m <sup>3</sup> GP (2.6 m <sup>3</sup> HD) |

## PERFORMANCE

|                      |           |
|----------------------|-----------|
| Travel Speed         | 5.4 km/hr |
| Swing Speed          | 9.2 rpm   |
| Gradeability         | ≤35°      |
| Max. Drawbar Pull    | 338 kN    |
| Bucket Digging Force | 302 kN    |
| Arm Crowd Force      | 248 kN    |

## SERVICE REFILL CAPACITIES

|                         |             |
|-------------------------|-------------|
| Fuel Tank               | 725L        |
| Engine Coolant          | 50L         |
| Engine Oil              | 40L         |
| Swing Device            | 14L         |
| Travel Device           | 2 x 15L     |
| Hydraulic System (Tank) | 560L (430L) |

## WORKING RANGE

| (unit: mm)                       | ARM 2400 |
|----------------------------------|----------|
| L1 Max. Digging height           | 9480     |
| L2 Max. Dumping height           | 6800     |
| L3 Max. Digging depth            | 6530     |
| L4 Max Digging Depth (8ft Level) | 6150     |
| L5 Vertical wall digging depth   | 3840     |
| L6 Max. Digging radius           | 10580    |
| L7 Min. Swing radius             | 4550     |

## DIMENSION

|   | (unit : mm)                       | ARM 2400 |
|---|-----------------------------------|----------|
| A | Overall Length                    | 11830    |
| B | Overall Width                     | 3582     |
| C | Overall Height                    | 3770     |
| D | Width of Platform                 | 3095     |
| E | Crawler Length                    | 5353     |
| F | Undercarriage Width               | 3582     |
| G | Track Shoe Width                  | 600      |
| H | Tumbler Distance                  | 4292     |
| I | Track Gauge                       | 2750     |
| J | Ground Clearance of Counterweight | 1324     |
| K | Min. Ground Clearance             | 519      |
| L | Min. Tail Swing Radius            | 3800     |
| M | M Track Height                    | 1198     |

