MAXIMUM POWER 
AND COMFORT
POWER AND SPEED
Powered by a Tier III common rail diesel engine, the CX130B utilises an advanced hydraulic system with three working modes to match power and speed to every application. The excavator benefits from increased digging forces, slew speeds and high swing torque resulting in reduced cycle times. Increased stability results in a wider range of applications, adding to the versatility of this highly productive machine.

Increased fuel efficiency and high torque at low engine revs result in reduced operating costs and improved cost per tonne performance. Low maintenance and maximum fuel efficiency offer high performance with low ownership costs. Increased productivity.

Maximum profitability.

ROBUST DESIGN
Built to perform, the CX130B retains the Case excavator family appearance with strong lines and compact dimensions. The spacious B series cab provides exceptional levels of comfort and low noise, reducing operator fatigue and boosting productivity. Exhaust gas recirculation and common rail fuel injection ensure low emissions and reduced fuel consumption, despite increased output and high torque. High productivity with low fuel use.

Operator acceptance.

Environmental responsibility.

SAFETY FIRST
As with all B series machines, the CX130B’s cab has full height glazing for improved visibility all round, increasing safety on site. A single side window provides an unrestricted view to the right side of the machine. The B series cab has a structure that is three times more rigid than a conventional frame, boosting safety for the operator and contributing to reduced internal noise levels. An easy to use operating console, smooth responsive servo levers and comfort seating reduce operator fatigue, improving productivity and site safety. Total visibility. Improved operation.
EXTENDED OPERATION
The Case CX130B is equipped with a larger fuel tank complete with high flow auto-stop refuelling pump. This reduces downtime for refuelling and ensures environmental safety as there is no fuel spillage onto sensitive ground. Extended Maintenance System (EMS) bushes provide up to 1000 hour greasing intervals on the majority of pins and low friction side shims on the boom and dipper further reduce maintenance requirements. All filters can be easily reached from ground level, for safe and efficient service and maintenance, reducing downtime and increasing productivity. High performance. Low ownership costs.

OPERATOR COMFORT
The B series cab has up to 60 mm of additional leg and foot space, providing comfort for all sizes of operators. A reclining seat and air conditioning with multiple vents ensure that the operator can remain comfortable in the machine. The operator benefits from a hot/cold storage box, a cup holder and a mobile phone pocket, along with a large area behind the seat for additional storage. The operating lever consoles have four positions with auto return on the left hand side, ensuring optimum comfort for all operators. Viscous cab mountings and lower engine noise levels reduce vibration and noise within the cab and outside the machine. Reduced fatigue. Increased productivity.

BUILT TO WORK
A single high performance synthetic fibre hydraulic filter protects the entire hydraulic system. Separate filters are no longer required when the machine is used with a hydraulic breaker. The CX130B is designed for exceptional reliability and durability. A strong upper structure and revised forged bracket boom and dipper design ensure long service life with reduced maintenance. Resin shims on the boom and dipper reduce wear, and new undercarriage components have been optimised to keep the machine operating. Robust design. Case durability.
ENGINE
An electronically-controlled common rail engine that meets Tier III emissions regulations powers the CX130B. The advanced design incorporates a fuel cooler to improve control of the volume and timing of injection, while exhaust gas recirculation contributes to reduced emissions. High torque output at low engine speeds, with a large capacity hydraulically driven fan and low sound exhaust muffler, contribute to lower noise levels inside the cab and outside the machine. Auto and one-touch idle speed settings ensure maximum efficiency in all operating conditions. High engine output with reduced fuel consumption, contributes to maximum productivity for the customer.

HYDRAULICS
The CX130B uses a new hydraulic system incorporating highly efficient variable piston pumps with reduced tolerances, that contribute to improved fuel economy. A variable control pump torque system maintains the correct engine output to match hydraulic demand, ensuring maximum productivity and smooth reaction to operator input. A synthetic fibre hydraulic filter is standard, protecting valuable components and prolonging hydraulic oil service life up to 5000 hours. Additional hydraulic filters are no longer necessary when operating with attachments, reducing cost and saving installation time. Hose burst control valves are now located behind the boom cylinders for greater protection and improved operator visibility to the working area.

CONSOLE ENGINE THROTTLE
Mode selection for the hydraulic system is intuitively set through an advanced engine throttle control, which is positioned within easy reach of the operator in the fully adjustable right hand console. All switches are grouped in a central layout and short servo lever joysticks make the CX130B a comfortable machine to operate. The display console has a luminosity sensor to ensure that it is easy to read whatever the ambient light conditions. Operators can store up to 10 auxiliary hydraulic flow settings in the machine’s advanced hydraulic control, making it possible to use up to 10 attachments with no manual adjustment to the machine’s hydraulic valves. Changing from single acting to double acting hydraulics is also possible from inside the cab. This reduces downtime for attachment changeover, increasing productivity.
OPERATOR’S CAB

The Case B series cab has 60% more glass than previous models, including a single piece window on the right hand side, offering improved visibility to all sides. Despite reprofiled slim pillars, the cab is three times more rigid, for increased operator safety. Combined with viscous cab mounts and reduced engine noise, this results in best-in-class noise and vibration levels. All operators can find a comfortable position, thanks to adjustable consoles, longer seat slides, a 60 mm increase in foot space, a fully reclining seat and air conditioning with nine outlet vents. The B series cab includes a clock, a large storage box behind the driver’s seat, bottle and can holders, a mobile phone holder and a cool box that uses the air conditioning system to regulate internal temperature.
MAINTENANCE
Case CXB excavators are easy to service with ground level access to all filters and maintenance points. The filters are remote mounted in a centralised position, providing easy access, and the larger fuel tank has both a drain valve and a removable service plate, to allow for easy cleaning in the case of fuel contamination. An engine oil drainer cuts the risk of spillage during servicing, protecting the environment. The high-flow electric refuelling pump is twice as fast as previous models and the auto-stop function makes refilling easier and faster. The CX130B scores the lowest time in SAE Maintenance tests, reducing downtime and cutting operating costs.

UNDERCARRIAGE
CASE undercarriage design continues to ensure long component life and low operating costs. Drive sprockets are heat treated for extended operation. The machine has robust track guides and improved track links, with new M shaped seals and increased pin hardness, for maximum durability and reliability. The track rollers have an O-ring design that prevents the ingress of dirt and dust, and a revised profile for reduced wear.

IMPROVED PIN AND BUSHING LIFE
Previously only available on machines above the CX330, Extended Maintenance Bushings (EMS) are now standard equipment on all Case CXB series excavators. These low maintenance bushings provide up to 1,000 hour greasing intervals, greatly reducing daily and weekly maintenance for the operator, and increasing productivity. Anti-friction resin shims in the boom foot and head reduce noise and free play, increasing durability and reliability for the customer.
**ENGINE**

Latest generation engine, meeting European requirements for “Low exhaust emissions” Tier III in accordance with directive 97/68/EC

- **Make**: ISUZU
- **Type**: AJ-4JJ1X
- **Common rail, turbo, intercooler, fuel cooler**: Yes
- **EGR (Exhaust Gas Recirculator)**: Yes
- **Direct injection**: Electronically controlled
- **Number of cylinders**: 4
- **Bore - Stroke**: 95.4 x 104.9 mm
- **Cubic capacity**: 2999 cc
- **Horsepower EEC80/1269**: 70.9 kW/96 hp @ 2000 rpm
- **Maximum Torque**: 359 Nm @ 1600 rpm

**ELECTRICAL SYSTEM**

- **Circuit**: 24 V
- **Batteries**: 2 x 12 V - 72 Ah
- **Circuit equipped with water-proof connectors**: Yes
- **Alternator**: 24 V - 50 Amp

**HYDRAULIC SYSTEM**

- **Max output**: 2 x 129 l/min @ 2000 rpm
- **2 axial piston, variable flow pumps**: Yes
- **Attachment/Power Boost**: 343/363 bar
- **Upperstructure swing**: 294 bar
- **Travel**: 343 bar
- **Oil filtration**: 6 micron
- **Type of oil filter**: Synthetic fiber
- **Super fine High catch**

**SWING**

- **Max upperstructure swing speed**: 14.3 rpm
- **Swing torque**: 33 kN-m

**TRAVEL**

The travel circuit is equipped with axial piston, variable flow motors

- **Max travel speed**: 5.6 km/h
- **Low travel speed**: 3.4 km/h
- **Speed change is controlled from the instrument panel**
- **Automatic downshifting**: Yes
- **Gradeability**: 70% (35°)
- **Tractive force**: 11 500 daN

**UNDERCARRIAGE**

- **Upper rollers**: 1
- **Lower rollers**: 7
- **Number of track pads**: 43
- **Type of shoes**: Triple grouser
- **Track pad width**: 500/600/700 mm

**CIRCUIT AND COMPONENT CAPACITIES**

- **Fuel tank**: 260 l
- **Hydraulic reservoir**: 82 l
- **Hydraulic system**: 157 l
- **Travel reduction gear (per side)**: 2.1 l
- **Swing reduction gear**: 2.2 l
- **Engine oil (including filter change)**: 17 l
- **Cooling system**: 14.6 l

**BUCKETS**

<table>
<thead>
<tr>
<th>Bucket</th>
<th>Capacity (m³)</th>
<th>Width (mm)</th>
<th>Weight (kg)</th>
<th>Number of teeth</th>
<th>Combination</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(ISO/SEA/heaped)</td>
<td>with side cutter</td>
<td>without side cutter</td>
<td>2.1 m arm</td>
<td>2.5 m arm</td>
</tr>
<tr>
<td>GP</td>
<td>0.37</td>
<td>772</td>
<td>698</td>
<td>339</td>
<td>4</td>
</tr>
<tr>
<td>GP</td>
<td>0.45</td>
<td>907</td>
<td>833</td>
<td>366</td>
<td>4</td>
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<tr>
<td>GP</td>
<td>0.50</td>
<td>972</td>
<td>898</td>
<td>378</td>
<td>5</td>
</tr>
<tr>
<td>GP</td>
<td>0.55</td>
<td>1057</td>
<td>983</td>
<td>410</td>
<td>5</td>
</tr>
<tr>
<td>GP</td>
<td>0.65</td>
<td>1192</td>
<td>1118</td>
<td>444</td>
<td>5</td>
</tr>
</tbody>
</table>

- Suitable for materials with density up to 2000 kg/m³ or less
- Standard bucket (Suitable for materials with density up to 1800 kg/m³ or less)
- Suitable for materials with density up to 1,600kg/m³ or less
- Suitable for materials with density up to 1,200kg/m³ or less
- GP General Purpose Bucket
# GENERAL DIMENSIONS

with 4.63 m Standard Monoboom

<table>
<thead>
<tr>
<th>DIPPER LENGTH</th>
<th>CX130B Mono STD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong> Overall height (with attachment) (m)</td>
<td>2.10 2.50 3.00</td>
</tr>
<tr>
<td><strong>B</strong> Cab height (m)</td>
<td>2.79 2.79 2.79</td>
</tr>
<tr>
<td><strong>C</strong> Overall length (with attachment) (m)</td>
<td>7.62 7.64 7.61</td>
</tr>
<tr>
<td><strong>D</strong> Overall length (without attachment) (m)</td>
<td>- - -</td>
</tr>
<tr>
<td><strong>E</strong> Overall length (without attachment) (LC-undercarriage) (m)</td>
<td>- - -</td>
</tr>
<tr>
<td><strong>F</strong> Width of upperstructure (m)</td>
<td>2.54 2.54 2.54</td>
</tr>
<tr>
<td><strong>G</strong> Upperstructure ground clearance (m)</td>
<td>0.89 0.89 0.89</td>
</tr>
<tr>
<td><strong>H</strong> Swing radius (rear end) (m)</td>
<td>2.13 2.13 2.13</td>
</tr>
<tr>
<td><strong>I</strong> Track overall length (m)</td>
<td>3.50 3.50 3.50</td>
</tr>
<tr>
<td><strong>J</strong> Centre idler to centre sprocket (m)</td>
<td>2.79 2.79 2.79</td>
</tr>
<tr>
<td><strong>K</strong> Track shoe width standard (m)</td>
<td>1.99 1.99 1.99</td>
</tr>
<tr>
<td><strong>L</strong> Track overall width - 500 mm shoes (bar)</td>
<td>2.49 2.49 2.49</td>
</tr>
<tr>
<td>- 600 mm shoes (bar)</td>
<td>2.59 2.59 2.59</td>
</tr>
<tr>
<td>- 700 mm shoes (bar)</td>
<td>2.69 2.69 2.69</td>
</tr>
<tr>
<td><strong>N</strong> Ground clearance (m)</td>
<td>0.44 0.44 0.44</td>
</tr>
</tbody>
</table>

# WEIGHT AND GROUND PRESSURE

| Weight = kg                                      | Mono STD       |
| Ground pressure = bar                            |                |
| **W**                                           | G.P            |
| shoes 500 mm steel                              | 12500 0.40     |
| shoes 600 mm steel                              | 12700 0.34     |
| shoes 700 mm steel                              | 13000 0.30     |
## PERFORMANCE DATA
with 4.63 m Standard Monoboom

### DIPPER LENGTH

<table>
<thead>
<tr>
<th></th>
<th>2.50</th>
<th>3.01</th>
<th>2.11</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Maximum digging reach</td>
<td>8.31</td>
<td>8.77</td>
<td>7.96</td>
</tr>
<tr>
<td>B Maximum digging reach at ground level</td>
<td>8.17</td>
<td>8.64</td>
<td>7.81</td>
</tr>
<tr>
<td>C Maximum digging depth</td>
<td>5.54</td>
<td>3.05</td>
<td>5.15</td>
</tr>
<tr>
<td>D Digging depth - 2.44 m level bottom</td>
<td>5.33</td>
<td>5.87</td>
<td>4.91</td>
</tr>
<tr>
<td>E Max dump height</td>
<td>6.39</td>
<td>6.68</td>
<td>6.17</td>
</tr>
<tr>
<td>F Overall reach height</td>
<td>8.77</td>
<td>9.05</td>
<td>8.55</td>
</tr>
<tr>
<td>G Minimum swing radius - attachment</td>
<td>2.34</td>
<td>2.66</td>
<td>2.36</td>
</tr>
<tr>
<td>H Vertical straight wall dig depth</td>
<td>4.95</td>
<td>5.35</td>
<td>4.06</td>
</tr>
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</table>

### Digging force - w/o Power Boost

<table>
<thead>
<tr>
<th></th>
<th>daN</th>
<th>daN</th>
<th>daN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6200</td>
<td>5600</td>
<td>7000</td>
</tr>
<tr>
<td>- with Power Boost</td>
<td>6600</td>
<td>6000</td>
<td>7400</td>
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</tbody>
</table>

### Breakout force - w/o Power Boost

<table>
<thead>
<tr>
<th></th>
<th>daN</th>
<th>daN</th>
<th>daN</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9000</td>
<td>9000</td>
<td>9000</td>
</tr>
<tr>
<td>- with Power Boost</td>
<td>9500</td>
<td>9500</td>
<td>9500</td>
</tr>
</tbody>
</table>
with 4.63 m Standard Boom

### LIFTING CAPACITY

**CX130B**

Values are expressed in kilos

### REACH

#### 2.50 m dipper 600 mm shoes and bucket of 0.50 m³ - 399 kg

<table>
<thead>
<tr>
<th>From 360°</th>
<th>1.5 m</th>
<th>3.0 m</th>
<th>4.5 m</th>
<th>6.0 m</th>
<th>7.5 m</th>
<th>At max reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0 m</td>
<td>2910*</td>
<td>2910*</td>
<td>2749*</td>
<td>1961</td>
<td>1489*</td>
<td>1489* 5.38</td>
</tr>
<tr>
<td>4.5 m</td>
<td></td>
<td></td>
<td>2749*</td>
<td></td>
<td></td>
<td>1518* 7.09</td>
</tr>
<tr>
<td>3.0 m</td>
<td></td>
<td></td>
<td></td>
<td>2690</td>
<td>1891</td>
<td>1647* 7.24</td>
</tr>
<tr>
<td>1.5 m</td>
<td>7680*</td>
<td>5267*</td>
<td>4089</td>
<td>2808</td>
<td>2563</td>
<td>1893 7.08</td>
</tr>
<tr>
<td>0 m</td>
<td>7754</td>
<td>4862</td>
<td>3860</td>
<td>2601</td>
<td>2456</td>
<td>2105 6.57</td>
</tr>
<tr>
<td>-1.5 m</td>
<td>5243*</td>
<td></td>
<td>3762</td>
<td>2512</td>
<td>2407</td>
<td>2703 5.61</td>
</tr>
<tr>
<td>-3.0 m</td>
<td>8223*</td>
<td>7757</td>
<td>3789</td>
<td>2536</td>
<td></td>
<td>4259 3.89</td>
</tr>
<tr>
<td>-4.5 m</td>
<td></td>
<td>5698*</td>
<td>5129</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

#### 2.11 m dipper 600 mm shoes and bucket of 0.55 m³ - 409 kg

<table>
<thead>
<tr>
<th>From 360°</th>
<th>1.5 m</th>
<th>3.0 m</th>
<th>4.5 m</th>
<th>6.0 m</th>
<th>7.5 m</th>
<th>At max reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0 m</td>
<td>3054*</td>
<td>3054*</td>
<td></td>
<td></td>
<td></td>
<td>2932* 4.76</td>
</tr>
<tr>
<td>4.5 m</td>
<td></td>
<td>3281*</td>
<td>3260</td>
<td>2511*</td>
<td>1952</td>
<td>1828* 6.20</td>
</tr>
<tr>
<td>3.0 m</td>
<td></td>
<td>5688*</td>
<td>5688*</td>
<td>4890*</td>
<td>3037</td>
<td>1870* 6.73</td>
</tr>
<tr>
<td>1.5 m</td>
<td>8079</td>
<td>5137</td>
<td>4053</td>
<td>2779</td>
<td>2559</td>
<td>2038 6.69</td>
</tr>
<tr>
<td>0 m</td>
<td>7735</td>
<td>4851</td>
<td>3858</td>
<td>2602</td>
<td>2468</td>
<td>2074 6.72</td>
</tr>
<tr>
<td>-1.5 m</td>
<td>5806*</td>
<td>5806*</td>
<td>7714</td>
<td>4833</td>
<td>3792</td>
<td>2342 6.18</td>
</tr>
<tr>
<td>-3.0 m</td>
<td>9455*</td>
<td>9455*</td>
<td>7672*</td>
<td>4955</td>
<td>3854</td>
<td>3139 5.15</td>
</tr>
</tbody>
</table>

#### 3.01 m dipper 600 mm shoes and bucket of 0.37 m³ - 339 kg

<table>
<thead>
<tr>
<th>From 360°</th>
<th>1.5 m</th>
<th>3.0 m</th>
<th>4.5 m</th>
<th>6.0 m</th>
<th>7.5 m</th>
<th>At max reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.0 m</td>
<td></td>
<td>1912*</td>
<td>1912*</td>
<td></td>
<td></td>
<td>1683* 6.14</td>
</tr>
<tr>
<td>4.5 m</td>
<td></td>
<td></td>
<td>2619*</td>
<td>2043</td>
<td></td>
<td>1427* 7.09</td>
</tr>
<tr>
<td>3.0 m</td>
<td></td>
<td></td>
<td>3279*</td>
<td>3176</td>
<td>1940</td>
<td>1610* 7.56</td>
</tr>
<tr>
<td>1.5 m</td>
<td>6792*</td>
<td>5475</td>
<td>4166</td>
<td>2878</td>
<td>2599</td>
<td>1812 7.70</td>
</tr>
<tr>
<td>0 m</td>
<td>2633*</td>
<td>2633*</td>
<td>7829</td>
<td>4943</td>
<td>3895</td>
<td>2396 7.08</td>
</tr>
<tr>
<td>-1.5 m</td>
<td>4676*</td>
<td>4676*</td>
<td>7619</td>
<td>4648</td>
<td>3754</td>
<td>2396 7.08</td>
</tr>
<tr>
<td>-3.0 m</td>
<td>7174*</td>
<td>7174*</td>
<td>7651</td>
<td>4775</td>
<td>3739</td>
<td>2491 6.20</td>
</tr>
<tr>
<td>-4.5 m</td>
<td>10701</td>
<td>10701</td>
<td>6761*</td>
<td>4969</td>
<td>3873</td>
<td>3610 4.71</td>
</tr>
</tbody>
</table>

*Hydraulic pressure factor: 87.0 % Without asterisk: Stability factor: 75.0 %
STANDARD

ENGINE CONTROL
- Common rail engine Tier III European Standards
- Electronic control of the injection system
- Automatic engine pre-heating
- Automatic/manual engine return to idle
- Exhaust Gas Recirculator
- Emergency stop
- Fuel filter with water separator

HYDRAULIC CONTROL
- Auto/Heavy/Super Power working modes
- Pump torque variable control
- Automatic Power boost control
- Swing brake control
- High performance “Super Fine” synthetic fiber hydraulic filter (high contamination catch)
- 2 travel speeds with auto down shifting

OPERATOR ENVIRONMENT
- High visibility cab with safety glass
- Adjustable et retractable armrest console with position memory
- Safety lever
- Self adjusting Air conditioning and heating system
- Cup holder
- High visibility side monitor display with automatic brightness
- Messages (function, temperature, safety, ...) on the display
- Integrated diagnostic system
- Working modes (Auto/Heavy/Super Power) combined with engine throttle
- Hour meter
- Selectable auxiliary hydraulic flow pre-settings
- RH front console with clock and cell phone holder
- High capacity shock absorbers on cab with 4 points fluid mountings
- Rain deflector
- Windscreen with lockable opening
- Windscreen washer and wiper
- Removable lower front windscreen with storage location in cab
- Glass cab roof window and sliding sun shade
- ISO control pattern low effort & short joysticks
- Adjustable sun visor
- Washable cab floor mat
- Rear view mirror and safety mirrors
- Storage compartments
- Integrated cool box
- 12 V and 24 V DC accessory sockets
- Hammer/shear change selected from the cab
- Fore & aft adjustment of the whole seat & console
- Electrical system
- Water proof connectors
- Double horn
- Working light on the fuel tank

EQUIPMENT
- EMS (Extended Maintenance System) pins and bushings as Standard (1000 hours lubrication interval for all, except buckets pins at 250 hours)
- Low friction resin side shims on boom and dipper
- Sealed and lubricated tracks
- Large tool box
- Pre-disposal for the optional cab protection

OPERATOR SEAT
- Mechanical suspension seat
- Weight adjustment
- Height/fore & aft adjustment
- Adjustable head rest
- Adjustable seat back angle with Fully flat seat reclining
- Adjustable arm rest
- Safety belt

OPTIONS

Hammer hydraulic circuit
Hammer/shear hydraulic circuit
Track width (500 mm - 600 mm - 700 mm depending on the version)
Windscreen protection

Cab protection
GPS (Global Positioning System) by satellite
Electrical refuel pump with automatic stop
Hydraulic safety valves on boom and dipper
2 working lights on the cab

Working light on the boom
Bucket linkage (STD without hook, HD without hook or HD with hook)
Fully adjustable low frequency air suspension seat including double acting hydraulic damper

Standard and optional equipment shown can vary by country.

NOTE: CASE provides specific outfits for various countries and many optional fittings (OPT). The illustrations on this or other leaflets may relate to standard or optional fittings. Please consult your CASE dealer for any information in this regard and any possible updating on components. CNH Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.