MAIN REASONS TO CHOOSE THE C-SERIES

HIGH EFFICIENCY
CASE Intelligent Hydraulic System (CIHS), in combination with the powerful TIER 4 Interim diesel engine, leads to fuel savings of up to 9% compared to the previous model.

BEST IN CLASS PRECISION AND CONTROLLABILITY
A very smooth control to get the job done easily and in total safety.

HIGH RELIABILITY
Robust design, high quality components and durable materials.

GREAT VERSATILITY
- 3 available power modes to match customers needs (A, H, SP)
- Auto Power boost job-sensing hydraulic pressure increase
FULL SPECIFICATION
EXCAVATORS
- Short Radius design, ideal for any jobsite where space is limited
- Wide offering of auxiliary hydraulics (multi-function and low flow)
- Undercarriage equipped with the blade as standard

PRO COVER PROTECTION PLAN
3 YEARS / 3,000 HOURS
ProCover is designed to help keep your equipment working well beyond the manufacturer’s base warranty period while taking away the concerns of the cost and inconvenience of mechanical failure.

COMFORTABLE AND SAFE CAB
- Certified ROPS and FOPS level 2 cab
- Larger cab with multi-adjustable suspension seat and increased foot space
- Improved air conditioning system
- Wide glazed area for an outstanding visibility

FAST CYCLES
Pump Torque Variable Control provides perfect control of the engine and hydraulic system, further boosting productivity

SAFE OPERATION AND MAINTENANCE
- All filters grouped together for an easy and safe access from the ground
- Standard EMS bushing cut greasing intervals to every 1,000 hours
C-SERIES HYDRAULIC EXCAVATORS

SHORT SWING RADIUS
The CX235C SR is the perfect machine for road construction, bridges projects and in urban construction sites, any jobsite where space is limited, without the risk of machines damage.

ROBUST QUALITY
The short radius machines continue a Case tradition of robust design and high quality build. By bringing together the highest quality components and materials, in a machine that has been designed to work productively, Case has further improved reliability and durability, reducing ownership costs and cutting downtime for the customer.

SIMPLIFIED MAINTENANCE
A redesigned upper structure provides access to all service points from ground level, with large side opening access doors. All filters are grouped together for easy access, reducing service time. A synthetic filter extends hydraulic oil service intervals to 5,000 hours while engine oil change intervals are set at a competitive 500 working hours. In addition remote greasing points and standard EMS bushings cut greasing intervals to every 1,000 hours. Side-by-side coolers and radiators are easily accessed for cleaning and maintenance.
PRO COVER PROTECTION PLAN 3 YEARS / 3,000 HOURS
When the unexpected occurs, you need to know your equipment is protected.

We understand the importance of your machinery being in good working order and additionally to the STANDARD PROTECTION PLAN we offer you to purchase supplementary years/hours to meet your needs.

PERFORMANCE AND EFFICIENCY
The Case Intelligent Hydraulic System (CIHS) incorporates a host of energy saving, performance enhancing functions, to boost efficiency and machine output. A simple operating mode dial delivers three working modes with Super Power set to provide maximum horsepower and hydraulic output. A Powerboost function provides an 8 second boost for maximum digging performance. 5 Energy saving functions allows to optimize performances reducing the fuel consumption depending on the working conditions.

OPERATOR COMFORT AND SAFETY
ROPS and FOPS Level 2 cab delivers an almost automotive noise level. Efficient air conditioning system, multi-adjustable suspension seating, increased foot space, cup holder and storage compartments deliver the most productive working environment possible. The new full-colour Multifunction Display provides access to on-board diagnostics, reducing downtime for service and maintenance. An ECO gauge provides a constant real-time recording of fuel consumption.
C-SERIES
HYDRAULIC EXCAVATORS

ENGINE
Model ___________________ Tier 4 interim certified ISUZU AM-4HK1X
Type __________________ Water-cooled, 4-cylinder in line, High pressure common rail system (electric control), Turbocharger with air cooled intercooler, DPO system
Number of cylinders ____________________ 4
Bore/Stroke __________________ 115 x 125 mm
Horsepower ISO 9249 ___________________ 119.3 kW at 1800 min-1
Maximum torque ISO 9249 ___________________ 621 Nm at 1500 min-1

HYDRAULIC SYSTEM
Max oil flow ___________________________ 2 x 211 l/min @ 1800 min-1
2 variable displacement axial piston pumps with regulating system
Working circuit pressure
Boom/Arm/Bucket _________________________ 343 Bar / 4974.8 PSI
Boom/Arm/Bucket (with auto power up) _________________________ 364 Bar / 5179.4 PSI
Swing circuit ___________________________ 294 Bar / 4264.1 PSI
Travel circuit ___________________________ 343 Bar / 4974.8 PSI
Auxiliary hydraulic flow and pressure for attachments _________________________ 343 Bar / 4974.8 PSI

SWING
Maximum swing speed ____________________ 11.8 min-1

WEIGHT
With 2.94 m Arm, 0.8 m³ bucket, operator, lubricant, coolant and full fuel tank

<table>
<thead>
<tr>
<th>CX235C SR LC</th>
<th>WEIGHT (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 mm grouser shoe</td>
<td>24,500</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CX235C SR LC BLADE</th>
<th>WEIGHT (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 mm grouser shoe</td>
<td>25,500</td>
</tr>
</tbody>
</table>

GENERAL DIMENSIONS

<table>
<thead>
<tr>
<th>CX235C SR</th>
<th>LC ARM 2.94 M</th>
<th>BLADE ARM 2.94 M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length (without attachment) mm</td>
<td>4470</td>
<td>4700</td>
</tr>
<tr>
<td>A Overall length (with attachment) mm</td>
<td>8830</td>
<td>9210</td>
</tr>
<tr>
<td>B Overall height (with attachment) mm</td>
<td>3090</td>
<td>3090</td>
</tr>
<tr>
<td>C Cab height mm</td>
<td>3140</td>
<td>3000</td>
</tr>
<tr>
<td>D Upper structure overall width mm</td>
<td>2990</td>
<td>2990</td>
</tr>
<tr>
<td>Swing (rear end) radius mm</td>
<td>1720</td>
<td>1720</td>
</tr>
<tr>
<td>E Clearance height under upper structure mm</td>
<td>1020</td>
<td>1020</td>
</tr>
<tr>
<td>F Minimum ground clearance mm</td>
<td>440</td>
<td>440</td>
</tr>
<tr>
<td>G Wheel base (Center to center of wheels) mm</td>
<td>3660</td>
<td>3370</td>
</tr>
<tr>
<td>H Crawler overall length mm</td>
<td>4470</td>
<td>4180</td>
</tr>
<tr>
<td>I Track gauge mm</td>
<td>2390</td>
<td>2200</td>
</tr>
<tr>
<td>J Undercarriage overall width (with 500 mm shoes) mm</td>
<td>2990</td>
<td>2800</td>
</tr>
<tr>
<td>K Crawler tracks height mm</td>
<td>920</td>
<td>920</td>
</tr>
</tbody>
</table>
SPECIFICATIONS

CX235C SR

DIGGING FORCE

With 0.80 m³ bucket (ISO 6015)

<table>
<thead>
<tr>
<th>CX235 SR BLADE</th>
<th>ARM 2.94</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm digging force</td>
<td>kN</td>
</tr>
<tr>
<td>- with auto power up</td>
<td>kN</td>
</tr>
<tr>
<td>Bucket digging force</td>
<td>kN</td>
</tr>
<tr>
<td>- with auto power up</td>
<td>kN</td>
</tr>
</tbody>
</table>

**CX235C SR LC/CX235C SR BLADE**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom length</td>
<td>mm 5700</td>
</tr>
<tr>
<td>Bucket radius</td>
<td>mm 1450</td>
</tr>
<tr>
<td>Bucket wrist action</td>
<td>° 177</td>
</tr>
<tr>
<td>A Maximum reach at GRP</td>
<td>mm 9670</td>
</tr>
<tr>
<td>B Maximum reach</td>
<td>mm 9850</td>
</tr>
<tr>
<td>C Max. digging depth</td>
<td>mm 6650</td>
</tr>
<tr>
<td>D Max. digging height</td>
<td>mm 10860</td>
</tr>
<tr>
<td>E Max. dumping height</td>
<td>mm 7970</td>
</tr>
<tr>
<td></td>
<td>0 m</td>
</tr>
<tr>
<td>----------------</td>
<td>------------</td>
</tr>
<tr>
<td><strong>REACH</strong></td>
<td></td>
</tr>
<tr>
<td>Front 360°</td>
<td></td>
</tr>
<tr>
<td>9.0 m</td>
<td>3090*</td>
</tr>
<tr>
<td>7.5 m</td>
<td>3950*</td>
</tr>
<tr>
<td>6.0 m</td>
<td>4330*</td>
</tr>
<tr>
<td>4.5 m</td>
<td>5010*</td>
</tr>
<tr>
<td>3.0 m</td>
<td>10520*</td>
</tr>
<tr>
<td>1.5 m</td>
<td>9670*</td>
</tr>
<tr>
<td>0 m</td>
<td>3840*</td>
</tr>
<tr>
<td>-1.5 m</td>
<td>6980*</td>
</tr>
<tr>
<td>-3.0 m</td>
<td>9650*</td>
</tr>
<tr>
<td>-4.5 m</td>
<td>14000*</td>
</tr>
<tr>
<td>-6.0 m</td>
<td></td>
</tr>
</tbody>
</table>

CX235C LC. Version Standard arm. 2.94 m arm length, 0.90 m³ bucket (684 kg), 600G shoes, max reach 9.51 m

<table>
<thead>
<tr>
<th></th>
<th>0 m</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>Front 360°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.0 m</td>
<td>2930*</td>
<td>2930*</td>
<td>2850*</td>
<td>2850*</td>
<td>2490*</td>
<td>2490*</td>
<td>6.17</td>
</tr>
<tr>
<td>7.5 m</td>
<td>3980*</td>
<td>3980*</td>
<td>3430*</td>
<td>3430*</td>
<td>2850*</td>
<td>2850*</td>
<td>7.71</td>
</tr>
<tr>
<td>6.0 m</td>
<td>4430*</td>
<td>4430*</td>
<td>4020*</td>
<td>4020*</td>
<td>3470</td>
<td>3470</td>
<td>8.66</td>
</tr>
<tr>
<td>4.5 m</td>
<td>4990*</td>
<td>4990*</td>
<td>5860*</td>
<td>5860*</td>
<td>5000*</td>
<td>4900*</td>
<td>9.22</td>
</tr>
<tr>
<td>3.0 m</td>
<td>10960*</td>
<td>10960*</td>
<td>7890*</td>
<td>7360*</td>
<td>6050*</td>
<td>4660*</td>
<td>9.49</td>
</tr>
<tr>
<td>1.5 m</td>
<td>8870*</td>
<td>8870*</td>
<td>9600*</td>
<td>6850*</td>
<td>6940*</td>
<td>4390*</td>
<td>9.48</td>
</tr>
<tr>
<td>0 m</td>
<td>8500*</td>
<td>8500*</td>
<td>10440*</td>
<td>6470*</td>
<td>6990*</td>
<td>4180*</td>
<td>9.51</td>
</tr>
<tr>
<td>-1.5 m</td>
<td>7310*</td>
<td>7310*</td>
<td>10920*</td>
<td>10470*</td>
<td>8350*</td>
<td>6870*</td>
<td>9.22</td>
</tr>
<tr>
<td>-3.0 m</td>
<td>9960*</td>
<td>9960*</td>
<td>14670*</td>
<td>12860*</td>
<td>10020*</td>
<td>6420*</td>
<td>8.69</td>
</tr>
<tr>
<td>-4.5 m</td>
<td>14280*</td>
<td>14280*</td>
<td>12330*</td>
<td>12330*</td>
<td>8610*</td>
<td>6630*</td>
<td>8.58</td>
</tr>
</tbody>
</table>

* Hydraulic capacity 87%
STANDARD

ENGINE
Isuzu 4-cylinder turbodiesel in line
Certified Tier 4 interim
Electronic fuel injection
High pressure common rail system
Variable geometry turbo charger
Cooled Exhaust Gas Recirculation (CEGR)
Diesel Particulate Diffuser (DPD)
Neutral safety start
Auto-engine warm up, emergency stop
Glow-plug pre-heat

Idle System:
Auto-idle
One-touch idle
Idle shut-down
EPF (Engine Protection Feature)
Dual-stage fuel filter iteration
Dual element air filter
Remote oil filter
Green plug oil drain
500-hour engine oil change interval
Refuelling Pump
(Diesel Oxydation Catalyst DOC + Diesel Particulate Filter DPF)

HYDRAULICS
Auto power boost
Auto swing priority
Auto travel speed change
Selectable work modes
Overload warning device
SWC - SWING RELIEF CONTROL
SSC - SPOOL STROKE CONTROL
BEC - BOOM ECONOMY CONTROL
AEC - AUTO ECONOMY CONTROL
SEC - SWING ECONOMY CONTROL
ISO pattern controls
Pre-set auxiliary pump settings
Switch controlled auxiliary selection
10 x auxiliary flow settings in memory
Auxiliary valve
Auxiliary pipe brackets
5,000 hour hydraulic oil change interval
1,000 hour hydraulic filter change interval
Hydraulic track adjustment
SAHR brake
10 x auxiliary flow settings in memory
UPPERSTRUCTURE
Common key vandal locks
Swivel guard belly pan
Rear view safety camera
4-point isolation mounted cab (fluid and spring)
ATTACHMENT
Bucket linkage with hook
Boom mounted work light (70 watt)
Auxiliary pipe brackets
Centralized lube bank
Attachment cushion valve
Arm and boom regeneration
Standard boom 5.70m
Arm 2.40 m HD
EMS bushings
Safety valves on boom and arm cylinders with overload warning device

OPERATOR STATION
ROPS/FOPS level 2 cab
Pressurized cab
Tempered safety glass
One-touch lock front window
Sun visor & rain deflector
AC/heat/defrost w/ auto climate control

Cup holder & ashtray
Interior dome light
Cloth covered air-suspension seat
Seat-belt
Adjustable armrests
Low-effort controls (short)
Radio mute switch on control lever
Controls pre-wired for auxiliary
Auxiliary select system
Straight travel
Aux-in port for personal electronics
Multifunction color monitor
Rear-view camera
Anti-theft system (start code system)
Rubber floor mat
12-volt electric socket
24-volt cigarette lighter
One-piece right hand window
2 internal & 3 external view mirrors
2 working lights (boom & upperstructure)
Beacon harness
2 cab top working lights
Windshield wiper / washer
Clear (Lexan) roof window w/sunshade
Storage compartments
On-board diagnostic system
Interior dome light (10W)
Sliding cockpit (100 mm)
Beacon harness

UNDERCARRIAGE
600 mm steel shoes, triple semigrouser strutted and sealed link
Full overlap turntable bearing tub

Standard 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.