CX D-SERIES HYDRAULIC EXCAVATORS
CX85D SR / CX90D MSR
STAGE V

IT’S TIME FOR MORE

www.casece.com
EXPERTS FOR THE REAL WORLD SINCE 1842
NEW STAGE V ENGINE: THE MOST POWERFUL IN THE SEGMENT
20% more power (kw); 45% greater displacement; 56% more torque

The new STAGE V engine is a highly reliable 4-cylinder 68 HP Yanmar engine, widely used in the market. It is the most powerful in the segment and meets the latest EU emissions standards that set a new limit for particle number (PN) and reduce further particulate matter (PM) levels.

More energy savings and more power with less fuel

The new YANMAR engine works effortlessly and provides better support for the pump with higher torque even against high load pressure: the engine is less overloaded and uses less fuel (-4.5% in SP mode and -3.2% in H mode) confirming the best in class speed.

Noise perception improvement

The frequencies generated by the more generous Yanmar engine are more pleasing to the operators’ ears.

The inside cabin (69 dB) remains:

BEST in class across all competitors!

Auto cleaning DPF with no impact on daily working time

To meet Stage V regulations, a new regenerating after-treatment system has been added to collect and burn Particulate Matter, preventing their release in the atmosphere. The system is self cleaning and autoregenerating through oxidation (increasing post combustion), and manages and controls the high-pressure fuel injection. It is all done automatically without any intervention from the operator, who can carry on working without interruption. The operator can check the PM accumulation status on the monitor, and can access even the percentage detail of PM and ashes on the service menu.
IT’S ALL ABOUT PRODUCTIVITY

GREAT VERSATILITY

BOOM TYPES FOR EVERY NEED

Offset boom version on CX85D:
It increases the working area without repositioning the machine. Comfortable side digging due to excellent view of the bucket or attachment at work. The minimum working distance allows for operations in very tight spaces.

Mono boom version on CX85D:
It can work in as little as 2920 mm (1630 mm front swing + 1290 mm tail swing). The same mono boom design of larger excavators provides outstanding robustness and reliability.

Swing boom version on CX90D:
Excellent manoeuvrability and maximum reach. The generous swing angles (left 80°; right 45°) combined with excellent visibility in every direction contribute to a great productivity.

IMPRESSIVE SPEED AND LESS CONSUMPTION
High performance hydraulics
The new CASE D Series midi excavator delivers best-in-class speed with lower fuel consumption. It achieves this performance through a better balance between the various components (engine, pump) and the Pump Transition Reduction Control (PTC) adopted from the higher class CASE excavators. This extremely accurate system continuously monitors the machine’s operations and decreases pump loads whenever possible, adapting to the task at hand. As a result, hydraulic power is available on demand, the pump and engine are less overloaded, and fuel consumption is minimised.

BEST IN CLASS LIFTING CAPACITY
Both CX85D and CX90D have the greatest lifting capacity in the industry. The CX85D lifts 1700 Kg (@4 m reach, 0 cm from the ground, BLADE UP); The CX90D lifts 1800 kg (@4 m reach, 0 cm from the ground, BLADE UP) according to ISO standards.

TOP CLASS BREAKOUT FORCE
The perfect balance between engine, pump, booms and undercarriage result in an impressive digging performance:
- bucket digging force: 56.9 kN
- arm digging force: 39.5 kN

HYDRAULICS SOURCED FROM BIGGER CASE EXCAVATORS
Three different working modes (SP, H, Auto) add more fuel savings without compromising on performance just like the higher range models of CASE heavy excavators.

<table>
<thead>
<tr>
<th>MODE</th>
<th>SP-MODE</th>
<th>H-MODE</th>
<th>AUTO MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>AUTO MODE is best suited to grading, lifting and precision work.</td>
<td>H-MODE delivers the best balance between productivity and fuel economy.</td>
<td>SP-MODE provides extra speed and power for the most demanding jobs that require maximum productivity.</td>
</tr>
</tbody>
</table>

CX85D SR
Short Arm | 1.69 m |
Long Arm | - |

CX90D MSR
Short Arm | 2.10 m |
Long Arm | - |

A.MODE         H.MODE       SP-MODE
Best in class speed and less consumption. | High performance hydraulics. | Hydraulics sourced from bigger CASE excavators. | Three different working modes (SP, H, Auto) add more fuel savings without compromising on performance just like the higher range models of CASE heavy excavators. |
SAFETY WITHOUT COMPROMISE

THE CAB OF A LARGE EXCAVATOR
Everything in front of your eyes

Extraordinary all-round view
The large cab with its huge glazed area provides outstanding visibility all round and on to the bucket or attachment allowing easier and safer operations.

Work safely in tight spaces
The short tail and front swing radius design make D-Series mid size excavators the best solution to work efficiently in confined spaces. The compact design minimises disruption in urban and road jobsites, as well as the possibility of hitting something when swinging the upper structure of the machine. The swing cylinder and door are well protected.

The smooth and rounded design of the CASE D series MIDI cab was developed to deliver maximum reliability and functionality. The CX85D SR can work in a space less than 3 meters wide!

COMFORTABLE AND SAFE CAB
Built for long working hours

Exceptionally spacious
The D Series Midi excavator features the same cab as the larger SR models, which means: front space (from front glass to seat back) 1115 mm; access space (from front glass to console end) 580 mm; foot space (from front glass to seat) 640 mm.

Comfort and durability. Best-in-class cabin noise level
The cabin has the distinctive CASE DNA of comfort and durability. The 4-point fluid mounting system effectively absorbs impacts and vibration, providing a smooth ride and best-in-class low noise levels inside the cab. The structure of the cab, with its square section pillars, contributes to its robustness and durability. New heated seat and lumbar support options are now available.

Safety first
The cab of D Series midi excavators meets ROPS and FOPS Level 1 safety standards. FOPS Level 2 and stone guard protections are also available as options. A remote emergency stop is located on the left side of the cabin floor for easy access also from outside the cab.
NEW MONITOR: THE SAME AS A 50-TONNE CASE EXCAVATOR!

More features

The new 7” color LCD monitor features a new design, better readability with higher contrast, and 5 additional menus - just like a 50-tonne CASE excavator! Live key parameters are now available, with readings on rpm, pumps, battery tension, consumption per hour and per week, cumulated litres, residual time for engine cooling, engine hours, travelling time, rotation, operation, real working time, hammer time utilisation and much more.

Every machine is equipped with the efficient automatic A/C, which creates a pleasant climate inside the cab with its 6-vent system combined with a high wind flow of 430 m³/s.

Proportional controls of the first and second auxiliary circuits can be ordered as optional for maximum controllability and comfort, when the machine is used with hydraulic powered attachments.

CASE MAXIMUM VIEW MONITOR

The optional monitor offers a bird’s eye and panoramic view, and improves the operator’s safety with:

- 270° vision.
- 3 cameras, 7-inch full color monitor, blind spots eliminated by image processing.
- LED lights package option for increased visibility in low light conditions.

SAFE AND EASY MAINTENANCE

The hydraulic system, filters, engine and radiators can easily be reached from ground level, allowing intuitive, safe and fast maintenance operations. The cooling system has been improved and optimized to simplify maintenance.

The battery switch is easier to use and to reach.

Convenient access from the cab

The A/C internal recirculation filter and the fuse box are easily accessible from inside the cab.

Simplified diagnostics

The built-in monitor system includes a self-diagnosis system that alerts the operator in case of clogged air, oil or hydraulic filters, and provides maintenance reminders with information on the remaining hours of operation until due, preventing damage to the machine.

New fuel filter supply line

A new sensor on the main fuel pre-filter water separator alerts the operator with a dedicated message on the machine’s monitor when the water level is too high and it needs to be drained. An additional (maintenance free) safety filter protects the engine from dust, so there is no need to flush after replacing the filter.

NEW OIL SAMPLING PORTS

for engine and hydraulic oil.

CASE EASY MAINTENANCE SYSTEM (EMS)

Uses stratified bushing and plated pins on the pivot points, which holds grease longer, increases lubrication intervals and prevents rattling:

- greasing interval for all pivot points (bucket excluded) : 1000 hrs
- greasing bucket interval: 200 hrs

NEW QUICK COUPLER PROVISION

available as option
MAIN REASONS TO CHOOSE THE CX D-SERIES HYDRAULIC EXCAVATORS

GREEN PERFORMANCE
- New STAGE V engine, the most powerful in this segment!
- Self-cleaning and auto-regenerating DPF filter

NEW FUEL FILTER SUPPLY LINE
- New main fuel pre filter water separator sensor linked to a dedicated message on the monitor.
- Additional final safety filter (maintenance free) to protect the engine: no need to flush after filter replacement.

OUTSTANDING COMFORTABLE CABIN WITH NEW MONITOR AND OPTIONS
- The same cabin as a CASE higher class SR excavator!
- The same monitor as a 50-tonne CASE excavator.
- Air-Suspension seat w/ tiltable and heater options
- Quick Coupler provision available
- Oil sample port option
- New remote emergency stop button

TOP LEVEL SAFETY
- ROPS and FOPS level 1 standard
- FOPS level 2 option
- CASE maximum view monitor option with its bird’s eye and 270° panoramic view.
- LED lights package option for increased visibility in low light conditions.

HIGH PRODUCTIVITY AND VERSATILITY
- Outstanding controllability
- Best-in-class speed
- 5% lower fuel consumption
- Good versatility with 3 boom types.
- Best lifting capacity in the industry.

NEW

NEW

NEW
TELEMATICS

SiteWatch: centralised fleet control benefits at your fingertips

- Measure your true asset availability and optimise it
  - Eliminate the “phantom fleet”: SiteWatch allows to identify spare units or under loaded machines on each site.
  - Become able to reallocate units where they are more needed.
  - Forward Maintenance Planning is easier since the actualised working hours are always available.
  - Extend the benefits of SiteWatch to the rest of your fleet: SiteWatch can be installed on the units of other brands as well.

- Challenge your Total Cost of Ownership!
  - Being able to compare the fuel usage of different machine types will allow you choose the right equipment.
  - Save on transport costs with planned and grouped maintenance tasks.
  - Peace of mind, optimised uptime and lower repair costs: with preventive maintenance you can for example be alerted if the engine needs to be serviced and avoid a disruptive breakdown.
  - Be able to compare your asset Return On Investment on different sites.
  - Your equipment is used only during working hours. You can set up alerts so that you know if it is in use during the weekend or at night.
  - Integrate with the programmed maintenance package, so that you can be sure every machine is at the right place at the right time.

- More Safety, Lower Insurance Premium
  - Keep thieves away: dissuade them from attacking your asset because it is geo-localised. SiteWatch is hidden so that thieves can’t find it quickly.
  - Your fleet is used only where you decide. You can define a virtual fence and receive an email when a machine exits that perimeter.

THE SCIENCE BIT

The CASE SiteWatch telematics system uses a high-tech control unit mounted on each machine to collate information from that machine and from GPS satellites. This data is then sent wirelessly through the mobile communication networks to the CASE Telematics Web Portal.

STANDARD EQUIPMENT

ENGINE
- Stage V Yanmar engine, 50.7 kW, 3318 cc
- Water-cooled, 4-stroke diesel, 4-cylinders in line
- High capacity fuel tank: 120 l
- Auto-idle and one-touch idle
- Idling shutdown system
- Electronic fuel injection
- High pressure common rail system
- Auto-engine warm up
- Emergency stop
- Glow-plug pre-heat
- EPP (Engine Protection Feature)
- Dual-stage fuel filtration with water separator message in cabin
- Fuel final safety filter
- Dual element air filter
- Remote oil filter
- Green plug oil drain
- 24-Volt system
- Battery disconnect switch
- Fuel cooler
- Fuel filter restriction indicator
- Fuel shut-off in line

TRANSMISSION
- Two-speed hydrostatic transmission, with variable displacement axial piston motor and automatic travel speed shifting
- Mechanical disc brakes in oil bath
- Final drive with planetary gear reduction in oil bath

HYDRAULIC SYSTEM
- Open-center system, two variable displacement axial piston pumps with regulating system for fast cycles and simultaneous movements + 1 independent gear pump for dozer blade operations
- Attachment cushion control
- 3 operating modes (auto, heavy, speed priority)
- Auto power boost

UNDERCARRIAGE
- 450 mm steel tracks
- 450 mm dozer blade
- 6-tashing points for easy transport
- Step on undercarriage for safe cab access

OPERATOR STATION
- Pressurised cab
- ROPS & FOPS Level 1
- Tempered safety glass for all windows
- One-touch lock front window
- Windshield wiper & washer
- Multifunction LED color monitor (180 mm)
- Rear view camera

STANDARD AND OPTIONS

OPTIONAL EQUIPMENT

STANDARD EQUIPMENT

ENGINE
- Fuel shut-off valve
- Fuel filter restriction indicator
- Fuel cooler
- Fuel filter
- Fuel shut-off in line
- Auto-idle and one-touch idle
- Idling shutdown system
- Electronic fuel injection
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OPTIONAL EQUIPMENT

UPPERCARRIAGE
- FOPS Level 2
- Arm 2.19 m (mono boom)
- Arm 2.10 m (offset boom)
- Front stone guard (Opg level 2)
- Front mesh guard
- HD type w/ lifting eye, mandatory with HBCV

UNDERCARRIAGE
- 450 mm rubber tracks
- 450 mm rubber link tracks
- 600 mm steel tracks

OPERATOR STATION
- Electric-refux pump
- Radio fm/am
- Air-Suspension seat
- Air-Suspension seat w/ titlable and heater function
- CASE maximum view monitor incl. 3 cameras (rear, right and left)

HYDRAULIC SYSTEM
- Boom and arm safety valve & warning device for safe lifting operations
- Bucket or clamshell circuit
- Flow - electrical proportional control
- Hammer circuit hydraulic control (Mono boom - pedal control)
- Hammer circuit electrical proportional control (Mono boom - joystick control)
- Hammer/high flow circuit electrical proportional control (Mono boom - 1x directional oil flow)
- Hammer circuit hydraulic control (offset boom - pedal control)
- Hammer circuit electrical proportional control (offset boom - joystick control)
- Double act circuit electrical proportional control (offset boom - 1x directional oil flow)
- Engine/hyd. Oil sampling port
- Quick coupler provision

OTHER OPTIONAL EQUIPMENT
- Site Watch Telematics
- Spark Arrestor system
- Side view camera
- Automatic climate control

Standard and optional equipment shown can vary by country.
**ENGINE**

Model: **YANMAR 4TNV98CT-L2WSH**  
Emission level: **REG. EU 2016/1628 STAGE V**  
Type: Water-cooled, 4-cycle diesel, 4-cylinder in line, high pressure common rail system (electric control), Turbocharger, ATS  
Displacement: **3.318 l**  
Bore x stroke: **98 mm x 110 mm**  
Rated net power: ISO 9249: **50.7 kW at 2000 min⁻¹**  
Maximum torque: ISO 9249: **283 N-m at 1300 min⁻¹**

**HYDRAULIC SYSTEM**

Main pumps: 2 variable displacement axial piston pumps with regulating system  
Max. oil flow: **2 x 74 liter/min at 2000 min⁻¹**  
Circuit working pressure:  
- Boom/Arm/Bucket: **29.4 MPa**  
- Swing: **24.0 MPa**  
- Travel: **29.4 MPa**  
- Pilot pump (1 gear pump): **18 l/min at 2000 min⁻¹**  
- Circuit working pressure: **23.5 MPa**

**FILTERS**

- Suction filter: **105 μm**  
- Return filter: **6 μm**  
- Pilot line filter: **8 μm**

**ELECTRICAL SYSTEM**

- Voltage: **24 V**  
- Alternator: **60 Amp**  
- Starter: **24 V 3.2 kW**  
- Battery: **2X12V 64 Ah/5 HR**

**UNDERCARRIAGE**

Swing Motor: Variable displacement axial piston motor  
Low travel speed: **3.2 km/h**  
High travel speed: **5.1 km/h**  
Drawbar pull (CX85D SR): **59.3 KN**  
Drawbar pull (CX90D MSR): **59.1 KN**  
Number of carrier rollers (each side): **1**  
Number of track rollers (each side): **5**  
Number of shoes (each side): **39**  
Type of shoes: Triple grouser shoes  
Grade ability: **70 % (35°)**

**WEIGHT AND GROUND PRESSURE**

<table>
<thead>
<tr>
<th></th>
<th>CX85D SR OFFSET BOOM</th>
<th>CX85D SR MONOBOOM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>with 1.75 m arm, 0.32 m³ general purpose bucket, 450 mm grouser shoe, FOPS Level II guard, operator, lubricant, coolant and full fuel tank.</td>
<td>with 1.69 m arm, 0.32 m³ General Purpose Bucket, 450 mm grouser shoe, operator, lubricant, coolant and full fuel tank.</td>
</tr>
<tr>
<td>Operating mass</td>
<td>8,490 kg</td>
<td>7,930 kg</td>
</tr>
<tr>
<td>Ground pressure</td>
<td>0.038 MPa</td>
<td>0.038 MPa</td>
</tr>
<tr>
<td>Counterweight</td>
<td>1,060 kg</td>
<td>930 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>MONOB0OM Arm 1.69 m</th>
<th>MONOB0OM Arm 2.19 m</th>
<th>OFFSET BOOM Arm 1.75 m</th>
<th>OFFSET BOOM Arm 2.10 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Cab height (mm)</td>
<td>2720</td>
<td>2720</td>
<td>2860</td>
<td>2860</td>
</tr>
<tr>
<td>B Overall height (mm)</td>
<td>2720</td>
<td>2720</td>
<td>2860</td>
<td>2860</td>
</tr>
<tr>
<td>C Overall length (mm)</td>
<td>6310</td>
<td>6340</td>
<td>6310</td>
<td>6310</td>
</tr>
<tr>
<td>D Overall length (mm)</td>
<td>3410</td>
<td>3410</td>
<td>3410</td>
<td>3410</td>
</tr>
<tr>
<td>E Upper structure overall width (mm)</td>
<td>2270</td>
<td>2270</td>
<td>2270</td>
<td>2270</td>
</tr>
<tr>
<td>F Undercarriage overall width (mm)</td>
<td>2320</td>
<td>2320</td>
<td>2320</td>
<td>2320</td>
</tr>
<tr>
<td>G Track gauge (mm)</td>
<td>1870</td>
<td>1870</td>
<td>1870</td>
<td>1870</td>
</tr>
<tr>
<td>H Width of standard shoe (mm)</td>
<td>450</td>
<td>450</td>
<td>450</td>
<td>450</td>
</tr>
<tr>
<td>I Crawler overall length (mm)</td>
<td>2845</td>
<td>2845</td>
<td>2845</td>
<td>2845</td>
</tr>
<tr>
<td>J Wheel base (Center to center of wheels) (mm)</td>
<td>2210</td>
<td>2210</td>
<td>2210</td>
<td>2210</td>
</tr>
<tr>
<td>K Clearance height under upper structure (mm)</td>
<td>750</td>
<td>750</td>
<td>750</td>
<td>750</td>
</tr>
<tr>
<td>L Minimum ground clearance (mm)</td>
<td>360</td>
<td>360</td>
<td>360</td>
<td>360</td>
</tr>
<tr>
<td>M Swing (rear end) radius (mm)</td>
<td>1290</td>
<td>1290</td>
<td>1290</td>
<td>1290</td>
</tr>
<tr>
<td>N Blade height (mm)</td>
<td>450</td>
<td>450</td>
<td>450</td>
<td>450</td>
</tr>
<tr>
<td>O Blade width (mm)</td>
<td>2320</td>
<td>2320</td>
<td>2320</td>
<td>2320</td>
</tr>
</tbody>
</table>

**SOUND LEVEL**

External guaranteed sound power level (EU Directive 2000/14/EC)  
LwA: **98 dB(A)**  
Lpa: **69 dB(A)**

**CIRCUIT AND COMPONENT CAPACITIES**

- Fuel tank: **120 l**  
- Hydraulic system: **86.3 l**  
- Hydraulic tank: **51 l**  
- Cooling system: **12.2 l**

**CX90D MSR**

with 1.69 m arm, 0.32 m³ general purpose bucket, 450 mm grouser shoe, operator, lubricant, coolant and full fuel tank.

<table>
<thead>
<tr>
<th></th>
<th>Operating mass</th>
<th>Ground pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>CX90D MSR</td>
<td>8630 kg</td>
<td>0.039 MPa</td>
</tr>
<tr>
<td>Counterweight</td>
<td>1,060 kg</td>
<td>0.039 MPa</td>
</tr>
</tbody>
</table>
CX D-SERIES
CX85D SR

DIGGING PERFORMANCE

<table>
<thead>
<tr>
<th>Arm Length</th>
<th>Arm Digging Force (kN)</th>
<th>Bucket Digging Force (kN)</th>
<th>Max. Reach (m)</th>
<th>Max. Digging Depth (mm)</th>
<th>Max. Digging Height (mm)</th>
<th>Max. Dumping Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STD ARM / BLADE DOWN</td>
<td>Arm 1.69 m</td>
<td>39.5</td>
<td>56.9</td>
<td>2.0 m</td>
<td>1.75 m</td>
<td>1.69 m</td>
</tr>
<tr>
<td>2.0 m</td>
<td>4.0 m</td>
<td>2.25 m</td>
<td>1870</td>
<td>1810</td>
<td>1400</td>
<td>1360</td>
</tr>
<tr>
<td>LONG ARM / BLADE UP</td>
<td>Arm 2.19 m</td>
<td>33.8</td>
<td>56.9</td>
<td>2.0 m</td>
<td>1.75 m</td>
<td>1.69 m</td>
</tr>
<tr>
<td>2.0 m</td>
<td>4.0 m</td>
<td>2.0 m</td>
<td>1790</td>
<td>1660</td>
<td>1380</td>
<td>1340</td>
</tr>
<tr>
<td>LONG ARM / BLADE DOWN</td>
<td>Arm 2.10 m</td>
<td>39.4</td>
<td>39.4</td>
<td>2.0 m</td>
<td>1.75 m</td>
<td>1.69 m</td>
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<tr>
<td>2.0 m</td>
<td>4.0 m</td>
<td>1.69 m</td>
<td>1870</td>
<td>1810</td>
<td>1400</td>
<td>1360</td>
</tr>
</tbody>
</table>

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.
CX D-SERIES
CX90D MSR

GENERAL DIMENSIONS

<table>
<thead>
<tr>
<th></th>
<th>Arm 1.69 m</th>
<th>Arm 2.19 m</th>
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<tbody>
<tr>
<td>Cab height (mm)</td>
<td>2720</td>
<td>2720</td>
</tr>
<tr>
<td>Overall height (mm) with attachment</td>
<td>2720</td>
<td>2740</td>
</tr>
<tr>
<td>Overall length (mm)</td>
<td>6990</td>
<td>7040</td>
</tr>
<tr>
<td>Overall length (mm) without attachment</td>
<td>3410</td>
<td>3410</td>
</tr>
<tr>
<td>Upper structure overall width (mm)</td>
<td>2270</td>
<td>2270</td>
</tr>
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<td>Undercarriage overall width (mm)</td>
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<td>Track gauge (mm)</td>
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<td>Clearance height under upper structure (mm)</td>
<td>750</td>
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<td>Minimum ground clearance (mm)</td>
<td>360</td>
<td>360</td>
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<tr>
<td>Swing (rear end) radius (mm)</td>
<td>1680</td>
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<tr>
<td>Blade height (mm)</td>
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</tr>
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Arm 1.69 m Arm 2.19 m

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<td>56.9</td>
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</tr>
<tr>
<td>Maximum reach (mm)</td>
<td>7090</td>
<td>7560</td>
</tr>
<tr>
<td>Max. digging depth (mm)</td>
<td>4180</td>
<td>4670</td>
</tr>
<tr>
<td>Max. digging height (mm)</td>
<td>6570</td>
<td>6890</td>
</tr>
<tr>
<td>Max. dumping height (mm)</td>
<td>4530</td>
<td>4850</td>
</tr>
<tr>
<td>Max dozer blade lift above ground (mm)</td>
<td>440</td>
<td>440</td>
</tr>
<tr>
<td>Max dozer drop below ground (mm)</td>
<td>290</td>
<td>290</td>
</tr>
<tr>
<td>Boom swing left °</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>Boom swing right °</td>
<td>45</td>
<td>45</td>
</tr>
</tbody>
</table>

DIGGING PERFORMANCE

REACH

Front

<table>
<thead>
<tr>
<th></th>
<th>2.0 m</th>
<th>4.0 m</th>
<th>At max reach</th>
</tr>
</thead>
<tbody>
<tr>
<td>STD ARM / BLADE DOWN</td>
<td>6.04 m</td>
<td>6.04 m</td>
<td>6.04 m</td>
</tr>
<tr>
<td>STD ARM / BLADE UP</td>
<td>6.04 m</td>
<td>6.04 m</td>
<td>6.04 m</td>
</tr>
</tbody>
</table>

STD ARM / BLADE DOWN 1.69 m length, 450 mm shoes. Max reach 6.04 m

STD ARM / BLADE UP 1.69 m length, 450 mm shoes. Max reach 6.04 m

LONG ARM / BLADE DOWN 2.19 m length, 450 mm shoes. Max reach 6.51 m

LONG ARM / BLADE UP 2.19 m length, 450 mm shoes. Max reach 6.51 m

LIFTING CAPACITIES

* The above loads (kg) are compliant to the ISO standards and refer to the excavator equipped without bucket. The indicated loads are no more than 87% of hydraulic system lift capacity or 75% of static tipping load. Values marked with an asterisk (*) are limited by the hydraulic lifting capacity.
NOTE: Standard and optional fittings can vary according to the demands and specific regulations of each country. The illustrations may include optional rather than standard fittings - consult your Case dealer. Furthermore, CNH Industrial reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Conforms to directive 2006/42/EC

The call is free from a land line. Check in advance with your Mobile Operator if you will be charged. Toll free number not available from all calling areas.