

CX65D

CASE
CONSTRUCTION

MINI EXCAVATORS **D-Series**



Engine V2607-CR-T

Engine power 45.0 kW - 61.2 hp

Operating weight 6200 kg

SPECIFICATIONS

CX65D

ENGINE

Type	KUBOTA V2607-CR-T - STAGE 5
Max. Power (2200 rpm) (kW / hp)	45.0 - 61.2
Displacement (cm ³)	2615
Number of cylinders (n°)	4
Cooling	Liquid
Consumption (l/h)	7.6
Alternator (V)	12 (60 A)
Battery V (Ah)	12 (95)

HYDRAULIC SYSTEM

Circuit Type	Load Sensing closed center system with "Flow Sharing" control valve
Pump type	1 LS hydraulic variable pump with electronic control + 1 gear pump
Pump displacement (cm ³)	71 + 14
Pump capacity (l/min)	141 + 27.8
Max. circuit calibration pressure (bar)	280
Auxiliary systems (max pressure):	
AUX 1 single or double effect	
with priority (l/min)	85 - 200 bar
AUX 2 double effect (l/min)	60/40 - 280 bar
AUX 3 double effect (optional) (l/min)	37/37 - 280 bar

SLEWING & TRAVEL SPEED

Travelling speed	
(AUTO TWO SPEED) (km/h)	1 st : 0 ÷ 2.3 / 2 nd : 0 ÷ 4.5
Slew speed (rpm)	11

CONTROLS

Boom, dipper stick, bucket and turret swing	2 pilot joysticks
Track movements (included counter rotation)	2 pilot levers
Dozer blade	pilot lever
High priority auxiliary system with holding function	
AUX 1 (single or double effect)	electroproportional switch on right joystick
Auxiliary system AUX 2 (double effect)	electroproportional switch on right joystick

Low priority auxiliary system

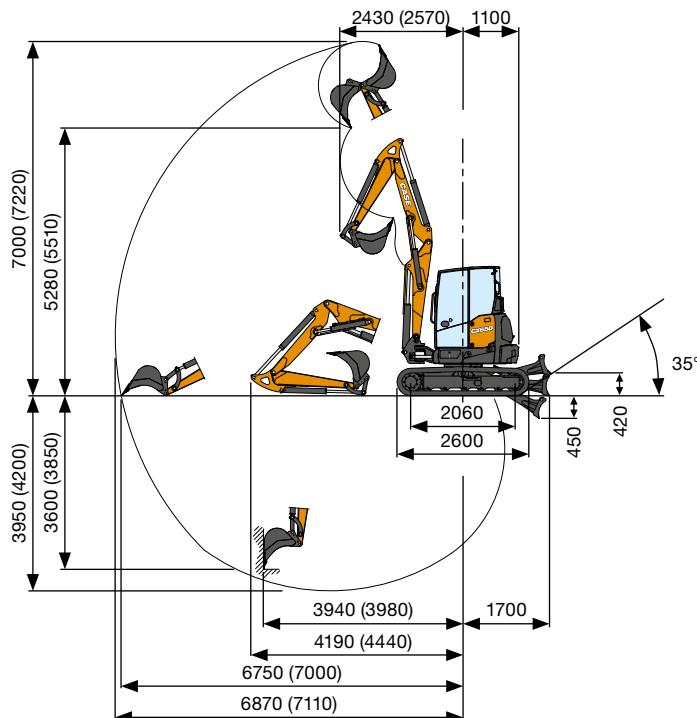
AUX 3 (double effect)	electroproportional switch on left joystick
Boom swing	electroproportional switch on left joystick

OPERATING WEIGHT

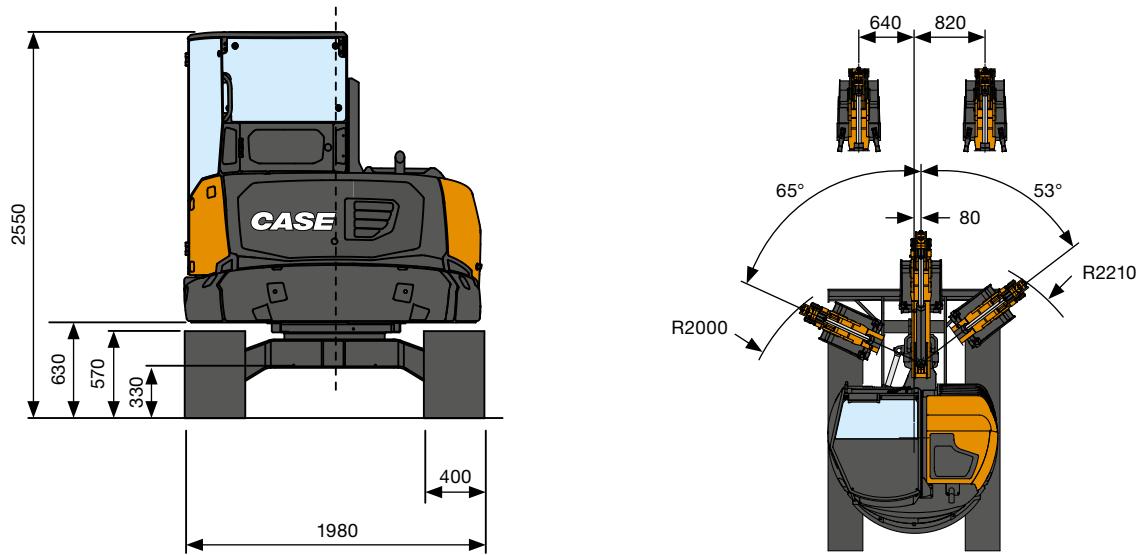
Operating weight (with rubber tracks) (kg)	6200
--	------

CIRCUIT AND COMPONENT CAPACITIES

Fuel tank (l)	85
Hydraulic oil tank (l)	60
Hydraulic circuit capacity (l)	80
Cooling system capacity (l)	12
Engine oil (l)	10.2



PERFORMANCE DATA		Std. Arm 1650 mm	Opt. Arm 1900 mm
Max. digging depth	mm	3950	4200
Max. dumping height	mm	5280	5510
Bucket breaking force	daN	5300	
Arm breaking force ISO 6015	daN	3300	
Traction force	daN	6500	
Ground bearing pressure with rubber tracks	kg/cm ²	0.34	
Max. slope			60% - 30°



GENERAL DIMENSIONS

Maximum width	mm	1980
Total height	mm	2550
Tracks width	mm	400
Rear rotation radius	mm	1100
Digging arm length standard (optional)	mm	1650 (1900)
Rollers number (for each side)	n°	5/1

LIFTING CAPACITY CX65D

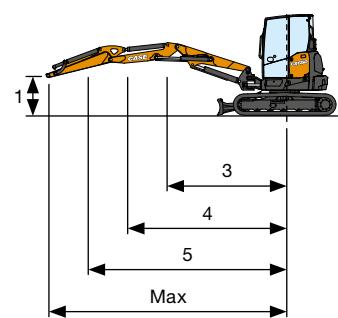
Standard dipper stick L = 1650 mm
(Optional dipper stick L = 1900 mm)

Opening arm from the rotation's center (m)
Lifting capacity (kg) at 1.0 m height

LIFTING CAPACITY	3	4	5	Max
Frontal and lowered dozer blade	2600*	2070*	1690*	1280*
Frontal and lifted dozer blade	2020	1240	860	640
Lateral, open undercarriage	1430	890	610	450

* Indicates the hydraulic load limit.

The lifting capacity is based on the ISO 10567 and it does not exceed more than the 75% of static tipping load or more than the 87% of the hydraulic lifting capacity of the machine.



STANDARD AND OPTIONS

STANDARD EQUIPMENT

- + Tiltable Cab (ROP/TOPS - FOPS Level 1)
- + Automatic Air Conditioning and Heating
- + Automatic Courtesy light
- + DAB Radio, Bluetooth, USB, Memory card SD/SDHC, Aux-in
- + Electric socket on the roof for Rotating Beacon
- + Windshield washer
- + Rear-view mirrors (left, right, rear)
- + Fabric seat with Premium Mechanical suspension
- + Standard arm
- + 2-Piece-Boom
- + Boom Lift cylinder and dozer blade cylinder protection
- + Additional counterweight - Light
- + Air Filter with drain valve and electric anti-clogging indicator
- + Hydraulic Reversible Fun Drive with automatic functionality
- + Electric fuel refill pump with auto-stop function
- + Servo-assisted hydraulic joysticks with Electro-Hydraulic proportional controls
- + Electro-Hydraulic proportional Swing control
- + Electro-Hydraulic proportional 2-Piece-Boom control
- + 1st Auxiliary (AUX1) circuit with Electro-Hydraulic proportional control
- + 2nd Auxiliary (AUX2) circuit with Electro-Hydraulic proportional control
- + Digital cluster with AUX1, AUX2 and AUX3 flow settings
- + Block valves on swing cylinder
- + Block valves on 2 piece boom positioner cylinders
- + Electric diverter between Single effect and Double effect AUX1
- + 2 speed travel with Automatic Shift Down (from 2nd to 1st gear if more traction is required) and Shift-up
- + Electronic Proportional RPM control with Auto-IDLE
- + Rubber tracks
- + Standard Dozer Blade
- + Operator manual
- + Ignition key, which opens every machine lock
- + Standard LED working lights (boom, right-front hood and cab-front)
- + Battery disconnect switch
- + Variable Volume Pump
- + Standard Hydraulic oil and Lubricants

OPTIONAL EQUIPMENT

- + Anti-Theft
- + Fabric seat with Pneumatic suspension
- + Fabric seat with Pneumatic suspension and Heating
- + Rear view camera
- + Travel alarm
- + Long arm
- + Additional counterweight - Heavy
- + 3rd Auxiliary (AUX3) circuit with Electro-Hydraulic proportional control
- + Grapple provision (AUX3 with flow diverter from bucket cylinder)
- + Direct Drainage to tank
- + Block valves on dozer blade cylinder
- + Object handling kit (block valves on boom and arm, lifting hook and load chart)
- + Steel tracks
- + 6X1 (Angle/Tilt) Dozer Blade
- + Dozer Float
- + Extra LED working lights (cab-rear)
- + Rotating beacon
- + Case Sitewatch
- + Bio Hydraulic oil and Lubricants
- + Automatic Centralized Lubrication
- + High Flow provision (i.e. for Mulcher): max constant flow of 60 l/min at 180 bar
- + Hydraulic quick coupler provision (Single or Double Effect)
- + Mechanical and Hydraulic quick couplers
- + Buckets

CASE AFTERMARKET SOLUTIONS

- + Superior Protection grid (FOPS Level 2)
- + Front Protection grid (Level 2)
- + Arm cylinder and bucket cylinder protection
- + Pattern change ISO-SAE
- + Rubber pads for steel tracks
- + Geogrip tracks
- + Vast variety of attachments
- + Full range of Mechanical and Hydraulic quick couplers

CNH Industrial
Deutschland GmbH
Case Baumaschinen
Benzstr. 1-3 - D-74076 Heilbronn
DEUTSCHLAND

CNH Industrial
Maquinaria Spain, S.A.
Avenida Aragón 402
28022 Madrid - ESPAÑA

CNH Industrial France, S.A.
16-18 Rue des Rochettes
91150 Morigny-Champigny
FRANCE

CNH Industrial Italia Spa
via Plava, 80
10135 Torino
ITALIA

CASE Construction Equipment
Cranes Farm Rd
Basildon - SS14 3AD
UNITED KINGDOM

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

CASECE.COM
00800-2273-7373

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.

