

CX22D

CASE
CONSTRUCTION

MINI EXCAVATORS
D Series



Engine D1105

Engine power 15.4 kW - 20.7 hp

Operating weight with canopy 2220 kg

Operating weight with cab 2320 kg

SPECIFICATIONS

CX22D

ENGINE

| | |
|----------------------------------|------------------------|
| Type | KUBOTA D1105 - STAGE 5 |
| Max. Power (2.400 rpm) (kW / hp) | 15.4 - 20.7 |
| Displacement (cm ³) | 1105 |
| Number of cylinders (n°) | 3 |
| Cooling | Liquid |
| Consumption (l/h) | 3 |
| Alternator (V) | 12 (40 A) |
| Battery V (Ah) | 12 (62) |

HYDRAULIC SYSTEM

| | |
|---|---|
| Circuit Type | Load Sensing closed center system with "Flow Sharing" control valve |
| Pump type | 1 LS variable pump + 1 gear pump |
| Pump displacement (cm ³) | 25 + 5 |
| Pump capacity (l/min) | 48 + 9.5 |
| Max. circuit calibration pressure (bar) | 240 |
| Auxiliary system (max pressure): | |
| AUX 1 single or double effect | |
| with priority (l/min) | 50 - 200 bar |
| AUX 2 - optional (l/min) | 13/8 - 220 bar |
| AUX 3 - optional (l/min) | 50 - 220 bar |

SLEWING & TRAVEL SPEED

| | |
|-------------------------|---|
| Travelling speed (km/h) | 1 st : 0 ÷ 2.6 / 2 nd : 0 ÷ 4.0 |
| Slew speed (rpm) | 10.5 |

CONTROLS

| | |
|---|--|
| Boom, dipper stick, bucket and turret swing | 2 pilot joysticks |
| Track movements | 2 pilot levers |
| Dozer blade | pilot lever |
| Priority auxiliary system with holding function | |
| AUX 1 (single or double effect) | electroproportional switch on right joystick |
| Boom swing | electroproportional switch on left joystick |

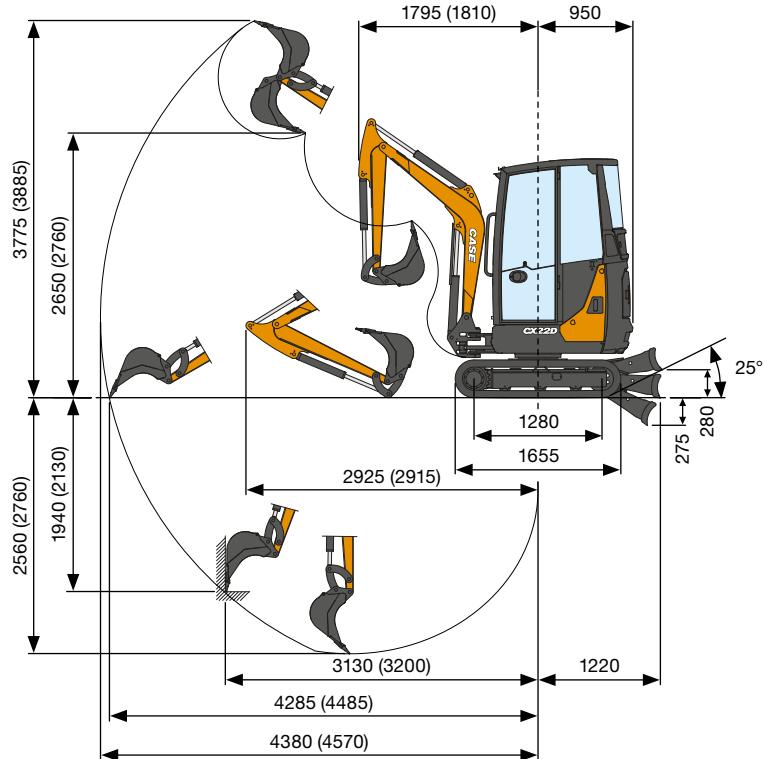
WEIGHTS

| | |
|---|------|
| Transport weight with canopy (kg) | 2090 |
| Transport weight with cab (kg) | 2190 |
| Operating weight with canopy* ISO 6016 (kg) | 2220 |
| Operating weight with cab* ISO 6016 (kg) | 2320 |

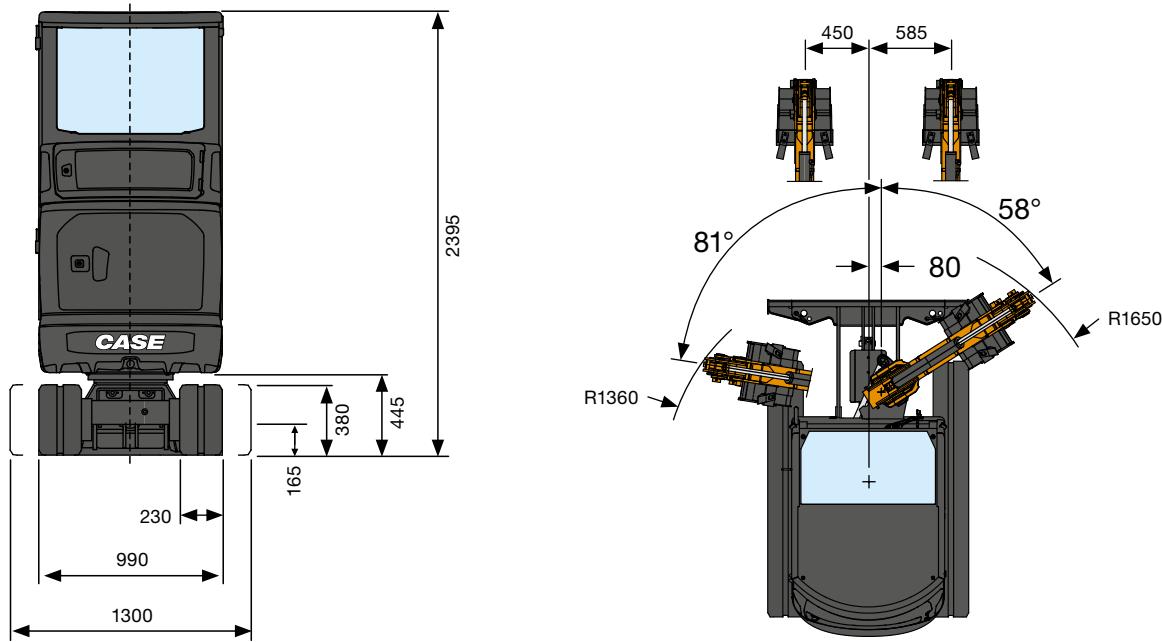
* with rubber tracks

CIRCUIT AND COMPONENT CAPACITIES

| | |
|--------------------------------|-----|
| Fuel tank (l) | 20 |
| Hydraulic oil tank (l) | 16 |
| Hydraulic circuit capacity (l) | 25 |
| Cooling system capacity (l) | 4 |
| Engine oil (l) | 4.4 |



| PERFORMANCE DATA | | Std. Arm 1250 mm | Opt. Arm 1450 mm |
|--|--------------------|---------------------|---------------------|
| Max. digging depth | mm | 2560 | 2760 |
| Max. dumping height | mm | 2650 | 2760 |
| Bucket breakout force | daN | | 1670 |
| Arm breakout force ISO 6015 | daN | 1010 | 910 |
| Traction force | daN | | 2400 |
| Ground bearing pressure with rubber tracks and canopy (with cabin) | kg/cm ² | 0.34 (0.35) | |
| Max. slope | | 60% - 30° | |



GENERAL DIMENSIONS

| | | |
|--|----|-------------|
| Maximum width | mm | 990 - 1300 |
| Total height | mm | 2395 |
| Tracks width | mm | 230 |
| Rear rotation radius | mm | 950 |
| Digging arm length standard (optional) | mm | 1250 (1450) |
| Rollers number (for each side) | n° | 3 |

LIFTING CAPACITY CX22D

Standard dipper stick L = 1250 mm

Opening arm from the rotation's center (m)

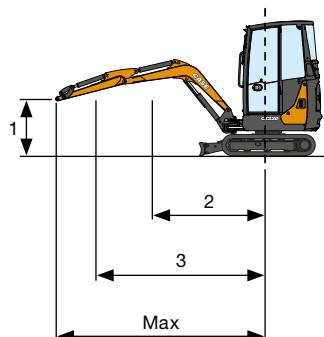
Lifting capacity (kg) at 1.0 m height

Standard counterweight

| LIFTING CAPACITY | 2 | 3 | Max |
|---------------------------------|------|------|------|
| Frontal and lowered dozer blade | 750* | 470* | 400* |
| Frontal and lifted dozer blade | 750* | 410 | 290 |
| Lateral, open undercarriage | 620 | 350 | 240 |

* 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

- + Tilttable Cab/Canopy (ROPS/TOPS - FOPS Level 1)
- + Windshield washer
- + Rear-view mirrors (left, right)
- + Fabric seat with Mechanical suspension (cab)
- + Vinyl seat with Mechanical suspension (canopy)
- + Standard arm
- + Boom Lift cylinder and dozer blade cylinder protection
- + Standard counterweight
- + Air Filter with drain valve and anti-clogging indicator
- + Servo-assisted hydraulic joysticks with Electro-Hydraulic proportional controls
- + Electro-Hydraulic proportional Swing control
- + 1st Auxiliary (AUX1) circuit with Electro-Hydraulic proportional control
- + AUX1 circuit maximum flow mechanical setting
- + Mechanical 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

- + Rubber tracks
- + Standard Dozer Blade
- + Extendable undercarriage
- + Operator manual
- + Ignition key, which opens every machine lock
- + Standard LED working lights (boom)
- + Battery disconnect switch
- + Variable Volume Pump
- + Standard Hydraulic oil and Lubricant
- + CASE Sitewatch and SiteConnect

OPTIONAL EQUIPMENT

- + Air conditioning and Heating
- + DAB Radio, Bluetooth, USB, Aux-in (cab only)
- + Anti-Theft
- + Travel alarm
- + Long arm
- + 2nd Auxiliary (AUX2) circuit with Electro-Hydraulic proportional control and flow diverter from boom swing

- + 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)
- + Dozer Float
- + Extra LED working lights (cab-front and cab-rear)

- + Rotating beacon
- + Bio Hydraulic oil and Lubricants
- + Constant Flow provision (i.e. for Mulcher): max constant flow of 18 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)
- + Vast variety of attachments
- + Full range of Mechanical and Hydraulic quick couplers

- + Full range of Buckets

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

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

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

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

CNH Industrial Italia Spa
Lungo Stura Lazio 19
10156, Torino
ITALIA

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.