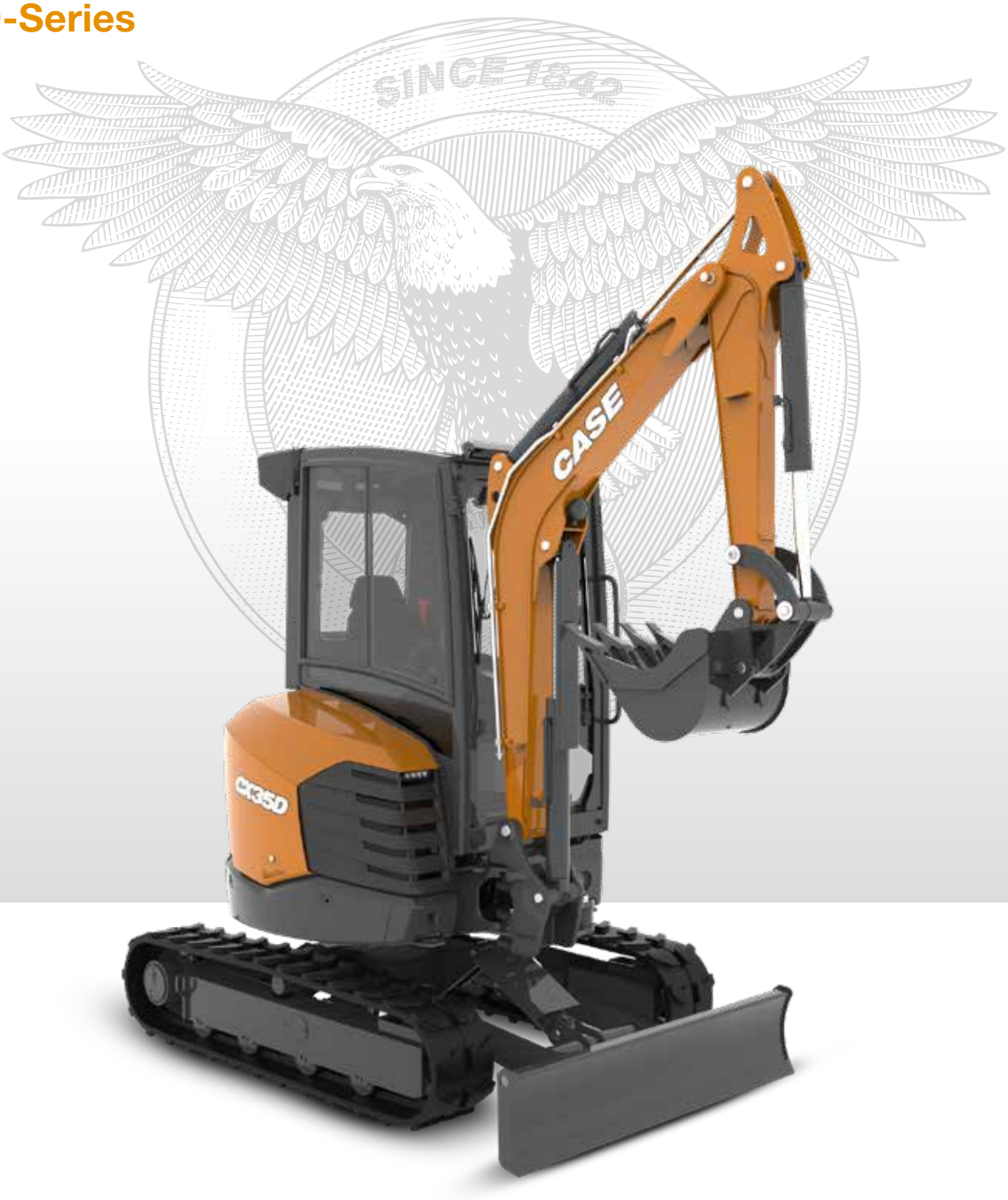
CX35D

MINI EXCAVATORS
D-Series



Engine D1703-M
Engine power 18.2 kW – 24.4 hp
Operating weight with cab 3480 kg

SPECIFICATIONS
CX35D

ENGINE
Type _____ KUBOTA D1703-M - STAGE 5
Max. Power (2200 rpm) (kW / hp) _____ 18.2 - 24.4
Displacement (cm³) _____ 1647
Number of cylinders (n°) _____ 3
Cooling _____ Liquid
Consumption (l/h) _____ 3.5
Alternator (V) _____ 12 (40 A)
Battery V (Ah) _____ 12 (80)

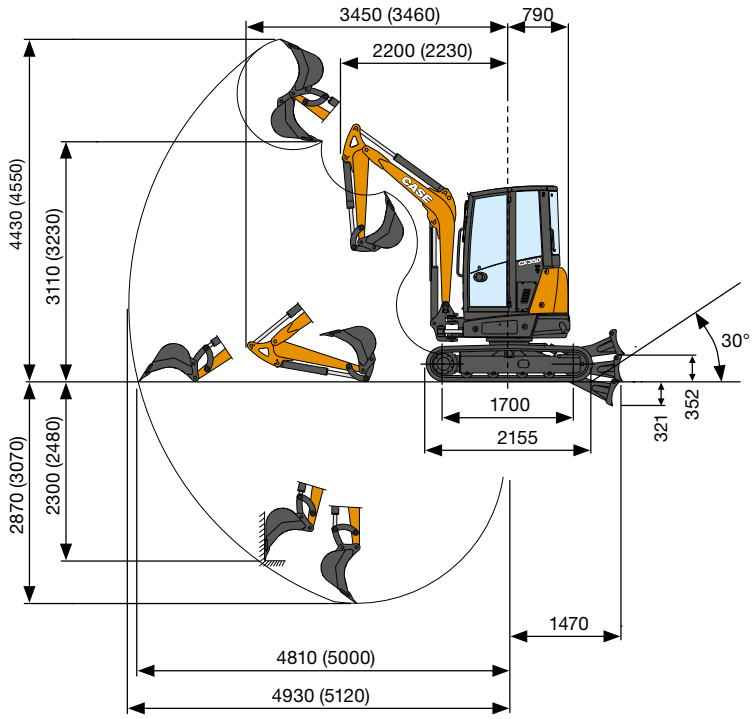
HYDRAULIC SYSTEM
Circuit Type _____ Load Sensing closed center system with "Flow Sharing" control valve
Pump type _____ 1 LS variable pump
Pump displacement (cm³) _____ 48
Pump capacity (l/min) _____ 101
Max. circuit calibration pressure (bar) _____ 260
Auxiliary system (max pressure):
AUX 1 single or double effect
with priority (l/min) _____ 40 (50 Max) - 200 left / 250 right bar
AUX 2 double effect
(optional) (l/min) _____ 32/20 - 190 (250 Max) bar
AUX 3 double effect
(optional) (l/min) _____ 32/20 - 190 (250 Max) bar

SLEWING & TRAVEL SPEED
Travelling speed
(AUTO TWO SPEED) (km/h) _____ 1st : 0 ÷ 2.7 / 2nd : 0 ÷ 4.3
Slew speed (rpm) _____ 10.5

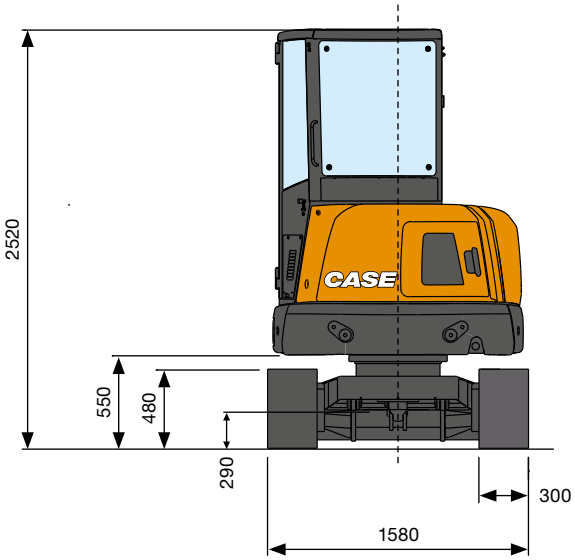
CONTROLS
Boom, dipper stick,
bucket and turret swing _____ 2 pilot joysticks
Track movements (included counter rotation) ___ 2 pilot levers
Dozer blade _____ pilot lever
Priority auxiliary system with holding function
AUX 1 (single or double effect) _____ electroproportional switch on right joystick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

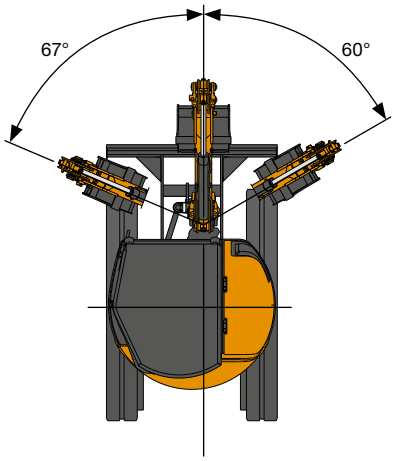
WEIGHTS
Transport weight with cab (kg) _____ 3330
Operating weight with cab* ISO 6016 (kg) _____ 3480
*with rubber tracks

CIRCUIT AND COMPONENT CAPACITIES
Fuel tank (l) _____ 49
Hydraulic oil tank (l) _____ 33.5
Hydraulic circuit capacity (l) _____ 54
Cooling system capacity (l) _____ 7.5
Engine oil (l) _____ 6.3



PERFORMANCE DATA		Std. Arm 1200 mm	Opt. Arm 1400 mm
Max. digging depth	mm	2870	3070
Max. dumping height	mm	3110	3230
Bucket breakout force	daN	3025	
Arm breakout force ISO 6015	daN	1751	1580
Traction force	daN	3500	
Ground bearing pressure with rubber tracks	kg/cm²	0.31	
Max. slope		60% - 30°	





GENERAL DIMENSIONS		
Maximum width	mm	1580
Total height	mm	2520
Tracks width	mm	300
Rear rotation radius	mm	790
Digging arm length standard (optional)	mm	1200 (1400)
Rollers number (for each side)	n°	4/1

LIFTING CAPACITY
CX35D

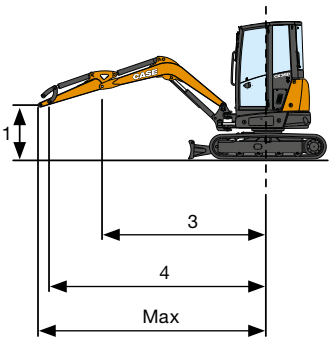
Standard dipper stick L = 1200 mm

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

LIFTING CAPACITY	3	4	Max
Frontal and lowered dozer blade	1090*	820*	790*
Frontal and lifted dozer blade	730	470	440
Lateral, open undercarriage	570	370	350

* 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 Courtesy light
+ Electric socket on the roof for Rotating Beacon
+ Windshield washer
+ Rear-view mirrors (left, right)
+ Fabric seat with Mechanical suspension
+ Standard arm
+ Boom Lift cylinder and dozer blade cylinder protection
+ Object handling kit (block valves on boom and arm, lifting hook and load chart)
+ Standard counterweight
+ Air Filter with drain valve and electric 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
+ Operator manual
+ Ignition key, which opens every machine lock
+ Standard LED working lights (boom)
+ Battery disconnect switch
+ Variable Volume Pump
+ Standard Hydraulic oil and Lubricants
+ CASE Sitewatch and SiteConnect

OPTIONAL EQUIPMENT

+ Air conditioning and Heating
+ DAB Radio, Bluetooth, USB, Aux-in
+ Anti-Theft
+ Fabric seat with Pneumatic suspension
+ Travel alarm
+ Long arm
+ Additional counterweight
+ Electric fuel refill pump
+ 2nd Auxiliary (AUX2) circuit with Electro-Hydraulic proportional control
+ 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
+ Steel tracks
+ 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 31 l/min at 180 bar
+ Hydraulic quick coupler provision (Single or Double Effect)
+ Mechanical and Hydraulic quick couplers
+ Buckets
+ Electro-proportional Aux 1 flow setting
+ Electro-proportional Engine RPM control
+ Automatic Centralized Lubrication

CASE AFTERMARKET SOLUTIONS

+ Superior Protection grid (FOPS Level 2)
+ Front Protection grid (Level 2)
+ Rubber pads for steel tracks
+ 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
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
Lungo Stura Lazio 19
10156, 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.

Form No. 20244GB - MediaCross Firenze -11/25