CX70E



MIDI EXCAVATORS



Engine power 44.3 kW - 60.2 hp Operating weight 7290 kg

SPECIFICATIONS

CX70E

ENGINE

Type	KUBOTA V2607-CR-T - STAGE 5
	hp)44.3 - 60.2
Displacement (cm³)	2615
	4
Cooling	Liquid
Consumption (I/h)	7.6
Alternator (V)	12 (60 A)
Battery V (Ah)	12 (95)

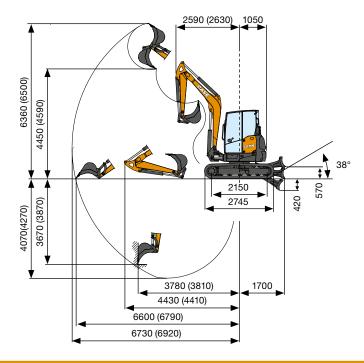
HYDRAULIC SYSTEM		
Circuit Type	Load Sensing c	losed center system
	with "Flow Sh	naring" control valve
Pump type	1 LS hyd	raulic variable pump
	with electronic co	ntrol + 1 gear pump
Pump displacement (cm	n³)	71 + 14
Pump capacity (I/min)_		141 + 27.8
Max. circuit calibration	pressure (bar)	280
Auxiliary system (max p	ressure):	
AUX 1 single or double	effect	
with priority (I/min)		85 - 200 bar
AUX 2 double effect (I/n		65/90 - 280 bar
AUX 3 double effect op	tional (I/min)	45 - 280 bar

SLEWING & TRAVEL SPEED

Travelling speed	
(AUTO TWO SPEED) (km/h)	$1^{st}: 0 \div 2.1 / 2^{nd}: 0 \div 4.2$
Slew speed (rpm)	11

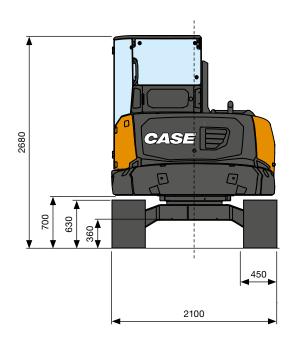
CONTROLS

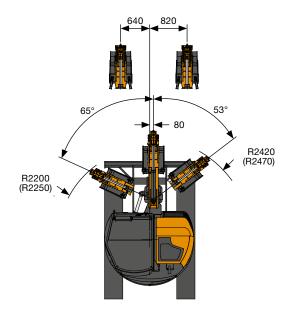
Boom, dipper stick,	
bucket and turret swing	2 pilot joysticks
Track movements (included counter r	
Dozer blade	
Priority auxiliary system with holding	
AUX 1 (single or double effect)	electroproportional
,	switch on right joystick
Auxiliary system AUX 2	
(double effect)	electroproportional
	switch on right joystick
Low priority auxiliary system	
AUX 3 (double effect)	electroproportional
	switch on left joystick
Boom swing electroproportio	nal switch on left joystick
WEIGHTS	
Transport Weight with cab (kg)	7020
Operating weight with cab	
(with rubber tracks) ISO 6016 (kg)	7290
CIRCUIT AND COMPONENT CAPA	
Fuel tank (I)	85
Hydraulic oil tank (I)	60
Hydraulic circuit capacity (I)	
Cooling system capacity (I)	
Engine oil (I)	10.2



PERFORMANCE DATA		Std. Arm 1900 mm	Opt. Arm 2100 mm
Max. digging depth	mm	4070	4270
Max. dumping height	mm	4450	4590
Bucket breaking force ISO 6015	daN	485	50
Arm breaking force ISO 6015	daN	2900	2700
Traction force	daN	715	50
Ground bearing pressure with rubber tracks	kg/cm ²	0.3	4
May claps		600/	200

Max. slope 60% - 30°





GENERAL DIMENSIONS		
Maximum width	mm	2100
Total height	mm	2680
Tracks width	mm	450
Rear rotation radius	mm	1050
Digging arm length standard (optional)	mm	1900 (2100)
Rollers number (for each side)	n°	5/1

LIFTING CAPACITY

CX70E

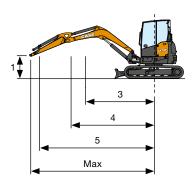
Opening arm from the rotation's center (m) Lifting capacity (kg) at 1.0 m height

LIFTING CAPACITY	3	4	5	Max
Frontal and lowered dozer blade	3150*	2100*	1670*	1470*
Frontal and lifted dozer blade	2170	1420	1030	840
Lateral	1920	1280	940	760

^{*} 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 dipper stick L = 1900 mm (Optional dipper stick L = 2100 mm)



STANDARD EQUIPMENT

- + Tiltable Cab (ROPS/TOPS FOPS Level 1)
- + Automatic Air Conditioning and Heating
- + Automatic Courtesy light
- + DAB Radio, Bluetooth, USB, Aux-in (cab only)
- Electric socket on the roof for Rotating Beacon
- + Windshield washer
- + Rear-view mirrors (left, right, rear)
- + Fabric seat with Premium Mechanical suspension
- + Standard arm
- Boom Lift cylinder and dozer blade cylinder protection
- + Standard counterweight
- + Air Filter with drain valve and electric anti-clogging indicator

- Hydraulic Reversable Fan 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
- 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
- Electric diverter between Single effect and Double effect AUX1
- + Direct Drainage to tank

- 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
- + CASE Sitewatch and SiteConnect

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 Light
- + Additional counterweight Heavy

- + 3rd Auxiliary (AUX3) circuit with Electro-Hydraulic proportional control
- + Grapple provision (AUX3 with flow diverter from bucket cylinder)
- + 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
- + 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
- + Rubber pads for steel tracks
- Geogrip tracks
- + Vast variety of attachments
- + Full range of Mechanical and Hydraulic quick couplers
- + Full range of Buckets

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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



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