

SPEC SHEET**Specifications****Engine**

Model _____ Tier 4 interim certified ISUZU AM-4JJ1X
Type _____ Water-cooled, 4-cycle diesel, 4-cylinder in line,
High pressure common rail system (electric control), Turbocharger
with air cooled intercooler, DPD system
Number of cylinders _____ 4
Bore/Stroke _____ 95.4 x 104.9 mm
Horsepower ISO 9249 _____ 74.9 kW at 2000 min⁻¹
Maximum torque ISO 9249 _____ 359 Nm at 1600 min⁻¹

Hydraulic system

Max oil flow _____ 2 x 129 l/min @ 2000 min⁻¹
2 variable displacement axial piston pumps with regulating system
Working circuit pressure _____
Boom/Arm/Bucket _____ 34.3 MPa
Boom/Arm/Bucket (with auto power up) _____ 36.3 MPa
Swing circuit _____ 27.9 MPa
Travel _____ 34.3 MPa

Swing

Maximum swing speed _____ 14.3 min⁻¹

Travel

Travel motor _____ Variable displacement axial piston motor
Max travel speed _____ 5.6 km/h (Automatic travel speed shifting)
Low travel speed _____ 3.4 km/h
Gradeability _____ 70% (35°)
Drawbar pull _____ 116 kN

Electrical system

Alternator _____ 50 Amp

Undercarriage

Number of carriers rollers (each side) _____ 2
Number of track rollers (each side) _____ 7
Number of shoes (each side) _____ 47
Type of shoe _____ Triple grouser shoe

Capacities

Fuel tank _____ 260 l
Hydraulic system _____ 157 l
Cooling system _____ 16.2 l

Weight and ground pressure

With 2.50 m Arm , 0.5 m³ bucket, operator, lubricant, coolant, full fuel tank

CX130C	Weight (kg)	Ground pressure (MPa)
600 mm grouser shoe	13.200	0.033

CX130C BLADE	Weight (kg)	Ground pressure (MPa)
600 mm grouser shoe	13.800	0.038

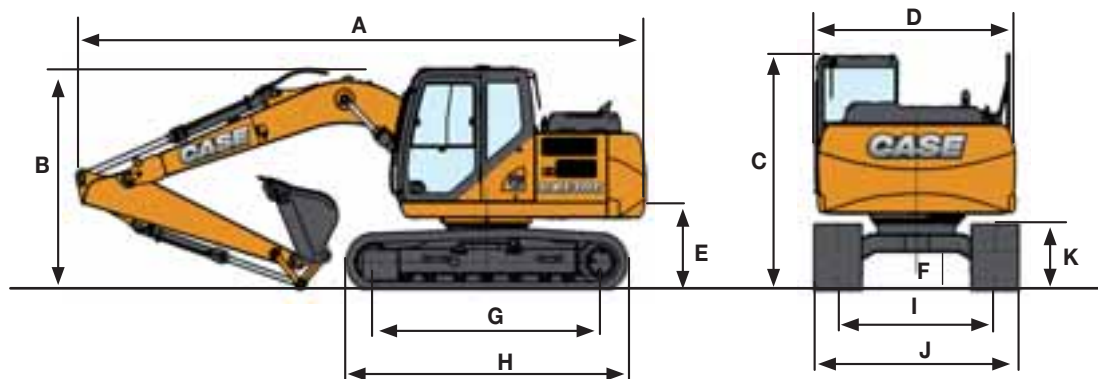


CX C-SERIES HYDRAULIC EXCAVATORS

CX130C

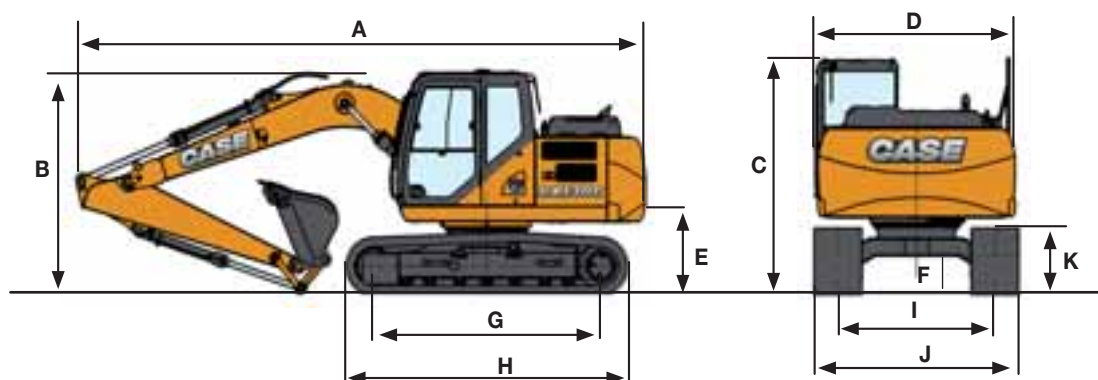
TIER 4 INTERIM

General dimensions



	Arm 2.50 m	Arm 3.00 m	Arm 2.10 m
Overall length (without attachment)	4010 mm	4010 mm	4010 mm
A Overall length (with attachment)	7620 mm	7610 mm	7610 mm
B Overall height (with attachment)	2920 mm	2920 mm	2920 mm
C Cab height	2920 mm	2920 mm	2920 mm
D Upper structure overall width	2540 mm	2540 mm	2540 mm
Swing (rear end) radius	2130 mm	2130 mm	2130 mm
E Clearance height under upper structure	895 mm	895 mm	895 mm
F Minimum ground clearance	440 mm	440 mm	440 mm
G Wheel base (Center to center of wheels)	3040 mm	3040 mm	3040 mm
H Crawler overall length	3760 mm	3760 mm	3760 mm
I Track gauge	1990 mm	1990 mm	1990 mm
J Undercarriage overall width (with 600 mm shoes)	2590 mm	2590 mm	2590 mm
K Crawler tracks height	790 mm	790 mm	790 mm

General dimensions



CX130C BLADE

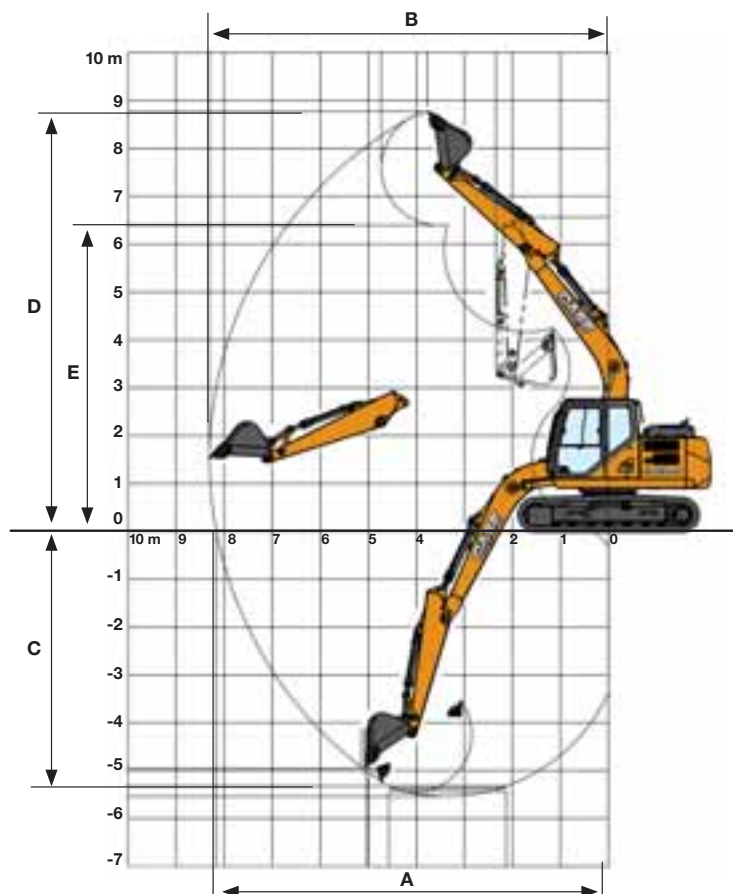
	Arm 2.50 m	Arm 3.00 m	Arm 2.10 m
Overall length (without attachment)	4180 mm	4180 mm	4180 mm
A Overall length (with attachment)	7920 mm	7910 mm	7910 mm
B Overall height (with attachment)	2920 mm	2920 mm	2920 mm
C Cab height	2920 mm	2920 mm	2920 mm
D Upper structure overall width	2540 mm	2540 mm	2540 mm
Swing (rear end) radius	2130 mm	2130 mm	2130 mm
E Clearance height under upper structure	895 mm	895 mm	895 mm
F Minimum ground clearance	440 mm	440 mm	440 mm
G Wheel base (Center to center of wheels)	2790 mm	2790 mm	2790 mm
H Crawler overall length	3500 mm	3500 mm	3500 mm
I Track gauge	1990 mm	1990 mm	1990 mm
J Undercarriage overall width (with 600 mm shoes)	2590 mm	2590 mm	2590 mm
K Crawler tracks height	790 mm	790 mm	790 mm

CX C-SERIES HYDRAULIC EXCAVATORS

CX130C

TIER 4 INTERIM

Performance data



CX130C / CX130C BLADE

Arm 2.50 m

Arm 3.00 m

Arm 2.10 m

Boom length	4630 mm	4630 mm	4630 mm
Bucket radius	1200 mm	1200 mm	1200 mm
Bucket wrist action	178°	178°	178 °
A Maximum reach at GRP	8170 mm	8640 mm	7810 mm
B Maximum reach	8310 mm	8770 mm	7960 mm
C Max. digging depth	5540 mm	6050 mm	5150 mm
D Max. digging height	8770 mm	9050 mm	8550 mm
E Max. dumping height	6390 mm	6680 mm	6170 mm

Digging force With 0.5 m³ bucket (ISO 6015)

CX130C / CX130C BLADE

Arm 2.50 m

Arm 3.00 m

Arm 2.10 m

Arm digging force	62 kN	56 kN	70 kN
- with auto power boost	66 kN	60 Kn	74 kN
Bucket digging force	90 kN	90 kN	90 kN
- with auto power boost	95 kN	95 kN	95 kN

Lifting capacity

 Front 360°	REACH													
	0 m	1.5 m	3.0 m	4.5 m	6.0 m	7.5 m	At max reach		m					

Standard arm. 2.50 m arm length, 0.50 m³ bucket, 600G LC shoes, max reach 8.02 m

7.5 m							1840 *	1840 *					1430*	1430*	5.22
6.0 m									2380 *	2220			1210*	1210*	6.7
4.5 m							2910 *	2910 *	2840 *	2180	1250*	1250*	1150*	1150*	7.53
3.0 m					5260*	5260*	3960 *	3370	3240	2080	2210	1380	1150*	1150*	7.94
1.5 m					7710*	5900	4990	3120	3130	1960	2160	1330	1210*	1170	8.02
0 m			2480 *	2480 *	7980*	5440	4810	2910	3020	1860	2110	1290	1350*	1200	7.8
-1.5 m	3700 *	3700*	5020 *	5020 *	9250*	5400	4710	2820	2960	1810			1620*	1350	7.25
-3.0 m	5050 *	5050*	7810 *	7810 *	8530*	5500	4750	2870	3020	1880			2180	1710	6.31
-4.5 m					6470*	5660	4010 *	3000					3500*	2710	4.76

Short arm. 2.10 m arm length, 0.55 m³ bucket, 600G LC shoes, max reach 7.67 m

7.5 m							2070 *	2070 *					1760*	1760*	4.6
6.0 m							2900 *	2900 *	2270 *	2150			1460*	1460*	6.26
4.5 m							3240 *	3240 *	3020 *	2120			1370*	1370*	7.14
3.0 m					5680*	5680*	4250 *	3280	3200	2030	1810*	1330	1370*	1300	7.58
1.5 m					8030*	5680	4950	3030	3080	1910	2120	1290	1440*	1240	7.67
0 m					7270*	5320	4740	2840	2980	1820			1600*	1280	7.44
-1.5 m			5460 *	5460 *	9090*	5380	4680	2800	2950	1800			1920*	1470	6.86
-3.0 m			8160 *	8160 *	8060*	5520	4750	2880					2660*	1920	5.85
-4.5 m													3810*	3550	4.0

Long arm. 3.00 m arm length, 0.37 m³ bucket, 600G LC shoes, max reach 8.48 m

7.5 m													1370*	1370*	5.96
6.0 m									2240 *	2240*			1200*	1200*	7.26
4.5 m									2610 *	2250	2050*	1470	1140*	1140*	8.02
3.0 m							3450 *	3390	2990 *	2140	2250	1420	1150*	1110	8.4
1.5 m					6630*	6100	4700 *	3180	3170	2000	2180	1350	1210*	1060	8.49
0 m			2600 *	2600 *	8570*	5490	4840	2930	3030	1870	2120	1290	1340*	1080	8.28
-1.5 m			4560 *	4560 *	9100*	5320	4680	2800	2950	1800	2090	1270	1570*	1200	7.76
-3.0 m			6670 *	6670 *	8870*	5380	4690	2810	2970	1820			2040*	1470	6.89
-4.5 m			10690 *	10690 *	7350*	5590	4720	2970					3290*	2140	5.49

* Hydraulic capacity 87%

CX C-SERIES HYDRAULIC EXCAVATORS

CX130C

TIER 4 INTERIM

Lifting capacity

 Front 360°	REACH													
	0 m	1.5 m	3.0 m	4.5 m	6.0 m	7.5 m	At max reach		m					

CX130C BLADE UP. Standard arm. 2.50 m arm length, 0.50 m³ bucket, 600G shoes, max reach 8.31 m

7.5 m							1840 *	1840 *					1430*	1430*	5.22
6.0 m									2380 *	2320			1210*	1210*	6.7
4.5 m							2910 *	2910 *	2840 *	2280	1250*	1250*	1150*	1150*	7.53
3.0 m					5260*	5260*	3960 *	3520	2880	2180	1950	1460	1150*	1150*	7.94
1.5 m					7710*	6160	4410	3260	2750	2060	1890	1410	1210*	1210*	8.02
0 m			2480 *	2480 *	7980*	5700	4180	3050	2650	1960	1850	1360	1350*	1280	7.8
-1.5 m			5020 *	5020 *	8260	5660	4090	2970	2590	1910			1620*	1430	7.25
-3.0 m			7810 *	7810 *	8380	5760	4130 *	3010	2650	1980			2180*	1800	6.31
-4.5 m					6470*	5890*	4010 *	3140					3500*	2840	4.76

CX130C BLADE UP. Short arm. 2.10 m arm length, 0.50 m³ bucket, 600G LC shoes, max reach 7.96 m

7.5 m							2070 *	2070 *					1760*	1760*	4.6
6.0 m							2900 *	2900 *	2270 *	2250			1460*	1460*	6.26
4.5 m							3240 *	3240 *	2920	2220			1370*	1370*	7.14
3.0 m					5680*	5680*	4250 *	3430	2830	2130	1810*	1410	1370*	1370*	7.58
1.5 m					8030*	5940	4320	3180	2700	2010	1860	1370	1430*	1310	7.67
0 m					7270*	5570	4120	2990	2610	1920			1600*	1360	7.44
-1.5 m			5460 *	5460 *	8230	5640	4060	2940	2580	1900			1920*	1550	6.86
-3.0 m			8160 *	8160 *	8060*	5770	4140	3020					2660*	2020	5.85
-4.5 m					5480*	5480*							3810*	3720	4.0

CX130C BLADE UP. Long arm. 3.00 m arm length, 0.50 m³ bucket, 600G LC shoes, max reach 8.77 m

7.5 m													1370*	1370*	5.96
6.0 m									2240 *	2240*			1200*	1200*	7.26
4.5 m									2610 *	2350			1140*	1140*	8.02
3.0 m							3450 *	3450 *	2920	2240	1990	1500	1150*	1150*	8.4
1.5 m					6630*	6360	4460	3330	2790	2100	1920	1430	1210*	1130	8.49
0 m			2600 *	2600 *	8470	5740	4210	3080	2660	1970	1850	1370	1340*	1150	8.28
-1.5 m	3700 *	3700*	4560 *	4560 *	8200	5570	4060	2940	2580	1900	1830	1340	1570*	1270	7.76
-3.0 m	5040 *	5040*	6670 *	6670 *	8330	5640	4070	2960	2600	1920			2040*	1550	6.89
-4.5 m			10690 *	10690 *	7360*	5840	4180	3110					3040	2250	5.49

* Hydraulic capacity 87%

Lifting capacity

 Front 360°	REACH													
	0 m	1.5 m	3.0 m	4.5 m	6.0 m	7.5 m	At max reach		m					

CX130C BLADE DOWN. Standard arm. 2.50 m arm length, 0.50 m³ bucket, 600G shoes, max reach 8.31 m

7.5 m							1840 *	1840 *					1430*	1430*	5.22
6.0 m									2380 *	2380*			1210*	1210*	6.7
4.5 m							2910 *	2910 *	2840 *	2400	1250*	1250*	1150*	1150*	7.53
3.0 m					5260*	5260*	3960*	3680	3280 *	2300	2410*	1540	1150*	1150*	7.94
1.5 m					7710*	6550	5070 *	3440	3840 *	2180	2880*	1490	1210*	1210*	8.02
0 m			2480 *	2480 *	7980*	6080	5810 *	3230	4220 *	2070	2670*	1450	1350*	1350*	7.8
-1.5 m			5020 *	5020 *	9250*	6040	2950 *	3140	4270 *	2030			1620*	1520	7.25
-3.0 m			7810 *	7810 *	8530*	6140	5610 *	3190	2840 *	2090			2180*	1910	6.31
-4.5 m					6470*	6230	4010 *	3320					3500*	3010	4.76

CX130C BLADE DOWN. Short arm. 2.10 m arm length, 0.50 m³ bucket, 600G LC shoes, max reach 7.96 m

7.5 m							2070 *	2070 *					1760*	1760*	4.6
6.0 m							2900 *	2900 *	2270 *	2270*			1460*	1460*	6.26
4.5 m							3240 *	3240 *	3020 *	2340			1370*	1370*	7.14
3.0 m					5680*	5680*	4250 *	3610	3460 *	2240	1810*	1490	1370*	1370	7.58
1.5 m					8030*	6330	5290 *	3360	3950 *	2130	2360*	1450	1430*	1390	7.67
0 m					7270*	5940	5870 *	3170	4240 *	2040			1600*	1440	7.44
-1.5 m			5460 *	5460 *	9090*	6020	5890 *	3120	4210 *	2010			1920*	1640	6.86
-3.0 m			8160 *	8160 *	8060*	6150	5350 *	3200					2660*	2140	5.85
-4.5 m					5480*	5480*							3810*	3810*	4.0

CX130C BLADE DOWN. Long arm. 3.00 m arm length, 0.50 m³ bucket, 600G LC shoes, max reach 8.77 m

7.5 m													1370*	1370*	5.96
6.0 m									2240 *	2240*			1200*	1200*	7.26
4.5 m									2610 *	2430	2050*	1630	1140*	1140*	8.02
3.0 m							3450 *	3450 *	2990 *	2350	2590*	1580	1150*	1150*	8.4
1.5 m					6630*	6620*	4700 *	3510	3630 *	2210	3040*	1510	1210*	1200	8.49
0 m			2600 *	2600 *	8570*	6130	5590 *	3250	4090 *	2090	3260*	1450	1340*	1230	8.28
-1.5 m	3700 *	3700*	4560 *	4560 *	9100*	5950	5920 *	3120	4260 *	2010	2630*	1430	1570*	1350	7.76
-3.0 m	5040 *	5040*	6670 *	6670 *	8870*	6020	5760 *	3130	4090 *	2030			2040*	1650	6.89
-4.5 m			10690 *	10690 *	7360*	6220	4790 *	3290					3290*	2380	5.49

* Hydraulic capacity 87%

Standard Equipment

ENGINE

Isuzu 4-cylinder turbodiesel in line
 Certified Tier 4 interim / EU stage 3b
 Electronic fuel injection
 High pressure common rail system
 Variable geometry turbo charger
 Exhaust gas recirculation
 Diesel Particulate Diffuser (DPD)
 Neutral safety start
 Auto-engine warm up, emergency stop
 Glow-plug pre-heat
 Idle System:
 Auto-idle
 One-touch idle
 Idle shut-down
 EPF (Engine Protection Feature)
 Dual-stage fuel filtration
 Dual element airfilter
 Remote oil filter
 Green plug oil drain
 500-hour engine oil change interval
 Refuelling Pump
HYDRAULICS
 Auto power boost
 Auto swing priority

Auto travel speed change
 Selectable work modes
 Overload warning device
 SWC - SWING RELIEF CONTROL
 SSC - SPOOL STROKE CONTROL
 BEC - BOOM ECONOMY CONTROL
 AEC - AUTO ECONOMY CONTROL
 SEC - SWING ECONOMY CONTROL
 ISO pattern controls
 Pre-set auxiliary pump settings
 Switch controlled auxiliary selection
 Auxiliary valve
 Auxiliary pipe brackets
 5,000 hour hydraulic oil change interval
 1,000 hour hydraulic filter change interval
 Hydraulic track adjustment
 SAHR brake
UPPERSTRUCTURE
 Isolation mounted cab (fluid and spring)
 Common key vandal locks
 Swivel guard belly pan
 Rear view safety camera
ATTACHMENT
 Standard monoboom 4.63 m

Arm 2.50 m
 Bucket linkage with hook
 Boom mounted work light (70 watt)
 Auxiliary pipe brackets
 Centralized lube bank
 Attachment cushion valve
 Arm and boom regeneration
 Arm and boom hose burst check valves
OPERATOR STATION
 ROPS/FOPS level 1 cab
 FOPS guard OPG level II on cab roof
 Pressurized cab
 Tempered safety glass
 One-touch lock front window
 Sun visor & rain deflector
 AC/heat/defrost w/ auto climate control
 Hot & coolbox, cup holder & ashtray
 Interior dome light
 Cloth covered air-suspension seat
 Seat-belt
 Adjustable armrests
 Tilting consoles - 4-position
 Low-effort controls (short)
 Sliding cockpit (180 mm)

Controls pre-wired for auxiliary
 Auxiliary select system
 Straight travel
 Aux-in port for personal electronics
 Multifunction color monitor
 Rear-view camera
 Anti-theft system (start code system)
 Rubber floor mat
 12-volt electric socket
 24-volt cigarette lighter
 One-piece right hand window
 2 internal & 3 external view mirrors
 2 working lights (boom & upperstructure)
 2 cab top working lights
 Windshield wiper / washer
 Clear (Lexan) roof window w/ sunshade
 Storage compartments
 On-board diagnostic system
 Travel alarm with cancel switch
UNDERCARRIAGE
 600 mm steel shoes, triple semigrouser
 Full overlap turntable bearing tub

Options

HYDRAULICS

Auxiliary Hydraulics -
 Single acting pedal activated breaker circuit
 Pedal-activated multifunction circuit
 Pedal activated low-flow circuit

ATTACHMENT

Arm - 2.10 m / 3 m
 Hydr. or mech quickcoupler

Buckets: Extreme / Heavy duty / GP / ditching
 Hammers, shears, grapples
OPERATOR STATION
 Front cab guard - vertical bars (OPG level 2)
 Front cab guard - vertical bars (OPG level 1)
 Front mesh screen
 AM/FM radio w/ antenna and

2-speakers
 Side-view camera
UPPERSTRUCTURE
 Auto centralized greasing system
 Rubber bumper guard (order through Service Parts)
UNDERCARRIAGE
 Steel shoes, triple semi-grouser
 500mm, 600 mm, 700mm

Rubber link chain 500mm
 Double track guide

Standard and optional equipment shown can vary by country.

Worldwide Case Construction Equipment Contact Information

EUROPE:

via Plava, 80
 10135 TORINO - ITALIA

AFRICA/MIDDLE EAST/CIS:

Riva Paradiso 14
 6902 Paradiso - SWITZERLAND

NORTH AMERICA/MEXICO:

700 State Street
 Racine, WI 53404 U.S.A.

LATIN AMERICA:

Av. General David Sarnoff 2237
 32210 - 900 Contagem - MG
 Belo Horizonte BRAZIL

ASIA PACIFIC:

Unit 1 - 1 Foundation Place - Prospect
 New South Wales - 2148 AUSTRALIA

CHINA:

No. 29, Industrial Premises, No. 376.
 De Bao Road, Waigaoqiao Ftz, Pudong,
 SHANGHAI, 200131, P.R.C.

CASE Construction Equipment

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 Fax +44 1302 802829

CASE Customer Assistance
00800-2273-7373

The call is free from a land line. Check in advance with your Mobile Operator if you will be charged.



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 reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Conforms to directive 2006/42/EC

