Compact Wheel Loaders

G SERIES

221G | 321G | 421G



CASE CONSTRUCTION

TURNING WORK INTO A CASE EXPERIENCE

INTRODUCING THE NEW G-SERIES COMPACT WHEEL LOADERS

Material handling, snow clearing, road maintenance, you name it, CASE G-Series compact wheel loaders can handle it. Surprising power, comfort and state-of-the-art features: work has never been more fun.

MAIN FEATURES

THE COMFORT AND INNOVATION YOU EXPECT FROM CASE

With operating weight between 5.6 and 9 tons, the CASE G-Series proves that size isn't everything. Agile manoeuvrability, ease of operation and top-level performance make the G-Series a game-changer if you're looking for reliable, versatile loaders. Featuring bucket capacities from 1 to 1.7 m^3, the G-series guarantees powerful loading and carrying capacity while operating in safety and comfort.
All operators will love the new, spacious G-Series cab: outstanding visibility, ergonomic instrumentation layout, powerful driveline and extreme serviceability. And you can count on the FPT turbocharged engines at the heart of the G-Series to effortlessly power all load handling in all applications.



BEST-IN-CLASS LOADING PERFORMANCE
Check out the loader arm's classic CASE Z-Bar kinematic: unrivalled break-out force and top hinge-pin height for all jobs and applications, plus XR "extended reach" loader arm for even greater dumping height on the 321G model.



POWERFUL DRIVELINE
Top speed, top traction and top stability. The CASE G-Series driveline guarantees an agile workhorse in full control on all types of terrain.



SERVICEABILITY
Easy access to all components and daily service points: maintaining maximum efficiency day after day has never been simpler.

COMPACT LOADERS WORTHY OF THE CASE NAME

SCAN OR CLICK QR TO WATCH THE FULL WALKAROUND

SIX FEATURES TO REMEMBER

1 TOP-OF-THE-LINE Z-BAR LOADER ARM

Top performance in breakout force, hinge pin and dump height.

Easily interchangeable attachments thanks to the versatile hydraulic coupler.

2 DESIGNED FOR COMFORT

Spacious cab with all-round visibility.

Dual entry with fully opening right-side door.

Seat-mounted instrumentation for unparallelled and ergonomic operating comfort.

3 FPT ENGINE AT THE HEART OF A WORKHORSE

With pioneering low-emission, high-efficiency 75 hp (55 kW) to 112 hp (84 kW) engine solutions, FPT brings you the competitive advantage of powertrain technologies, reliably delivering high performances with low operating costs.

4 POWERFUL DRIVELINE

G-Series axles ensure high durability and the best traction for every application.

Standard speed of 20 km/h with high speed of 40 km/h available.

Rear axle oscillation enhances already excellent stability on all terrains.

5 EFFORTLESS OPERATION

Electro-hydraulic solutions guarantee precision, efficiency and ease of use.

Return-to-dig, travel and height settings.

Easily adjustable creep speed.

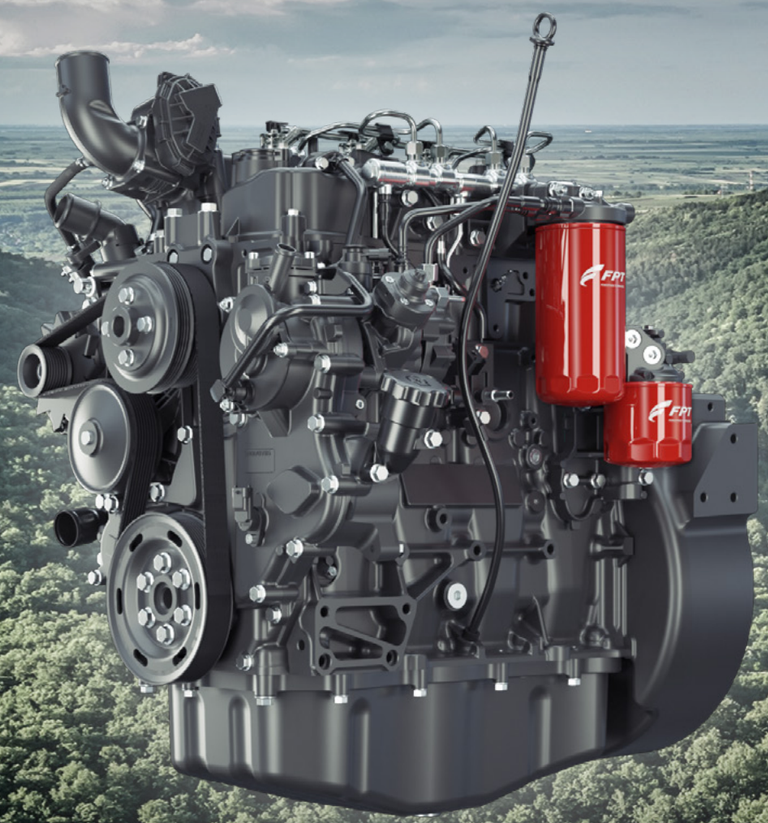
Cruise control feature.

ECO drive mode.

6 CONSTANT CONNECTION AND MAXIMISED UPTIME

Standard P&CM modem and extended connectivity subscription to myCASEConstruction Customer portal on all units. More opportunities to integrate the CASE compact wheel loaders into your fleet management System.

A full range of service solutions to keep your equipment efficient and productive.



CLEANER, GREENER POWER

SUSTAINABILITY CHANGES THE WORLD

CASE compact wheel loaders feature advanced in-house powertrain engine technologies developed by our sister company FPT Industrial, reliably delivering high performance with low emissions and operating costs.

Turbocharged diesel engine with direct high-pressure common rail injection and intercooler.

Wastegate valve for optimum turbo pressure stability.

EU Stage V compliant for clean and sustainable power.

Compatible with B7 biodiesel (EN 590) and with HVO and CTL, BTL, GTL synthetic fuels (EN 15940).

		221G	321G	421G
Engine Type		Turbocharged with direct injection		Turbocharged with direct injection and intercooler
Engine Manufacturer		FPT		
Engine Model		F5HGL463E*X		F5MGL413J*V
No. Of Cylinders		4		
Displacement (lt)	lt	3.4		3.6
Injection		High pressure common rail		
Air Intake		Turbocharged with Waste Gate		
Emission Level		Stage V		
After treatment		External cooled EGR		SCR-T
Engine Power	hp/kw	74 / 55		112 / 84
@ Engine RPM	rpm	2500		2000
Torque	Nm	314		453
@ Engine RPM	rpm	1400		

THE IDEAL WORKING SPACE

AT CASE WE CARE ABOUT THE OPERATOR

The newly designed operator compartment of the CASE G-Series compact wheel loaders maximizes both productivity and comfort, turning work into play. Step inside and see for yourself…

DUAL ENTRY CAB
The G-Series compact wheel loaders feature a spacious ROPS/FOPS Level 2 certified cab with fully opening right-hand door while providing an unobstructed view during all manoeuvres.

SEAT-MOUNTED INSTRUMENTATION
All controls remain conveniently within reach at all times: joystick, keypad, switches and the encoder for the color display, through which all main settings are easily selectable.

COMFORT AND EFFICIENCY
A broad range of fully-customizable electro-hydraulic functions optimize efficiency while reducing fatigue: Return-to-dig, travel and height controls, ECO mode, cruise control, creep speed, and boom and bucket response settings.

SCAN OR CLICK QR TO WATCH THE FULL CAB WALKAROUND



BEST-IN-CLASS OPERATOR COMPARTMENT
Spacious cab with dual-entry door and outstanding all-round visibility.



SEAT-MOUNTED INSTRUMENTATION
All functions at your fingertips for fully-adjustable and ergonomic control.



STANDARD REARVIEW CAMERA
On-site safety ensured by the standard rear and optional front-view site cameras.

MAINTAIN TOP PERFORMANCE

OUTSTANDING AFTER SALES SERVICES

Keep your equipment performing at its best and protect your investment's value with the extensive offering of high-quality CASE Parts.

Genuine Parts *HIGH PERFORMANCE*
Optimize your performance and add value to your machine with high-quality genuine parts.

Attachments. *BUSINESS SOLUTIONS*
Add versatility to performance with CASE attachments designed for CASE machines and tested by CASE engineers.

FLEETPRO
Ensure your machine's performance beyond warranty and manage your budget with CASE's quality second-line range of parts.

Reman Parts *REMANUFACTURED*
Choose sustainable quality with remanufactured parts designed for CASE equipment of all ages.

CASE CONSTRUCTION | ServiceSolutions

Enjoy the peace of mind of knowing CASE Service Solutions will keep your equipment in top condition with maximum uptime, no unexpected costs, and help you optimize your profitability.

CASE CARE
Maximize your machine's uptime and efficiency with this planned maintenance program.

CASE PROTECT
Avoid unexpected costs with this extended warranty program.

CASE FLUID ANALYSIS
Ensure your machine's uptime with detailed fluid reporting.

myCASEConstruction
Puts the power of centralized fleet management in your hands - through a single, easy-to-use portal and mobile app.

CASE SITECONNECT
Connects your Dealer to your machine for remote support.

OVERVIEW SPEC SHEET

SPECIFICATIONS	221G	321G	421G
CAB & OPERATOR COMPARTMENT			
ROPS/FOPS Level II deluxe cab (full adjustment of the steering column, dual access to the cabin, sliding right hand side window)	●	●	●
Heater	●	●	●
Air conditioning	O	O	O
Air suspended seat	●	●	●
Heated air suspended seat	O	O	●
Color display with encoder	●	●	●
Keypad for easy machine settings	●	●	●
Radio with MP3 and USB plug	O	O	O
Wide rear view mirror	O	O	O
Rear view camera	●	●	●
Rotating beacon	O	O	O
Additional steps for right hand side cab entry	O	O	O
Predisposition for fire estinguisher	O	O	O
TRANSMISSION			
Hydrostatic 2-speed transmission with Shift-on-fly for a seamless transition between gears	-	-	●
Hydrostatic 4-wheel Drive Transmission (2-Speed)	●	●	-
Speed with standard tyres Travel speed range (STD speed version) Travel speed range (High speed version)	 0 - 20 km/h 0 - 40 km/h	 0 - 20 km/h 0 - 40 km/h	 - 0 - 40 km/h
Speed limiter to 20 km/h	-	-	O
“Inch & Brake” Pedal	●	●	●
AXLES			
Limited slip front & rear	●	●	●
Open with 100% lock on front and rear differentials	O	O	O
Rear axle oscillation	9°	9°	10°
BRAKES			
Standard brakes	Multidisc wet brakes	Multidisc wet brakes	Wet disc with brake valve
Parking brakes	Spring applied hydraulically released (SAHR)	Spring applied hydraulically released (SAHR)	Spring applied hydraulically released (SAHR)
STEERING			
Fully hydraulic center pivot steering	●	●	●
Steering angle	40° each side	40° each side	40° each side
TYRES			
Standard	365/70 R18	405/70 R20	17.5 R25
ELECTRO-HYDRAULIC FEATURES			
ECO Mode	●	●	●
Creep Speed	O	O	●
Cruise Control	●	●	●
Return to Dig function	O	O	O
Return to Travel function	O	O	O
Return to Height function	O	O	O
Ride control	O	O	O
Floating	●	●	●
Loader arm response control	●	●	●
Bucket response control	●	●	●

SPECIFICATIONS	221G	321G	421G
HYDRAULICS			
Standard flow	85 lpm	85 lpm	95 lpm
Max. pressure	230 bar	230 bar	200 bar
High Flow (optional)	130 lpm	130 lpm	125 lpm
Max. Pressure	200 bar	200 bar	200 bar
3rd Function	●	●	●
4th Function	O	O	O
ADDITIONAL FEATURES			
14-pin front electric socket	O	O	O
Anti-drop valves	O	O	O
LED working lights	O	O	O
Cold weather package	O	O	O
Reverse alarm	O	O	O
Emergency tow hook	●	●	●
Front salt sprayer predisposition	O	O	O
Road homologation	O	O	O
QUICK COUPLER			
Horizontal pin	●	●	●
ISO type	-	-	-
Skid steer loader type	O	O	O
Eurocoupler	O	O	-
ELECTRICAL SYSTEM			
Voltage	12 v	12 v	12 v
Battery	95 Ah	95 Ah	95 Ah
Alternator	120 Ah	120 Ah	160 Ah
CAPACITIES			
Diesel	86 l	86 l	118 l
Engine oil	7 l	7 l	7 l
Cooling Liquid	13 l	13 l	13.9 l
Total hydraulic oil	53 l	53 l	73 l
Front axle	9 l	9 l	9 l
Rear axle	11 l	11 l	9 l
CONNECTIVITY			
Telematics on board (P&CM modem)	●	●	●
NOISE AND VIBRATIONS			
External - Guaranteed acoustic power-level LWA (according to 2000/14/EG & appendixes)	101 dB	101 dB	103 dB

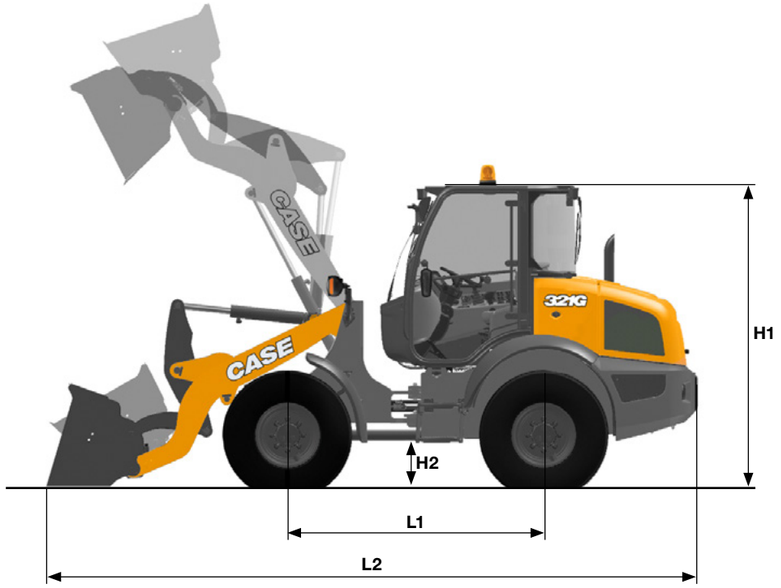
● Standard | O options | - N/A

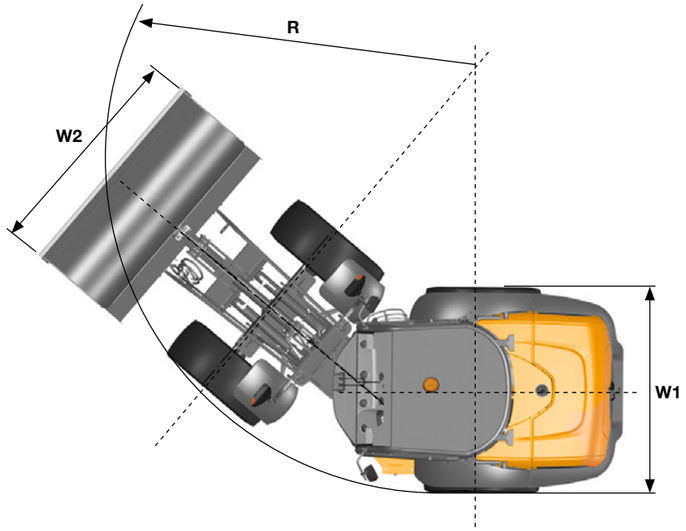
Note: the above table is purely indicative. Configuration and options availability may change according to the defaults agreed with the different EU markets.

● Standard | O options | - N/A

Note: the above table is purely indicative. Configuration and options availability may change according to the defaults agreed with the different EU markets.

GENERAL DIMENSIONS

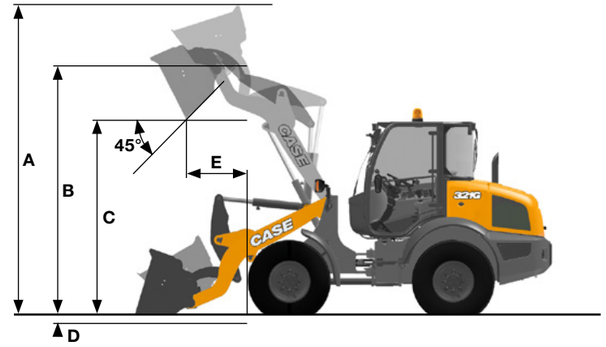




GENERAL DIMENSIONS			221G	321G		421G
			Z-Bar	Z-Bar	XR	Z-Bar
H1	Height to the top of the ROPS	mm	2627	2680	2680	3005
H2	Ground clearance	mm	440	493	493	349
W1	Overall width (exclusive of bucket)	mm	1860	1860	1860	2289
W2	Overall width (with bucket)	mm	2050	2100	2100	2400
L1	Wheelbase	mm	2225	2225	2225	2600
R	Turning radius (outside of tires)	mm	3987	3987	3987	4716
L2	Max. length in carry position	mm	5623	5684	6130	6383

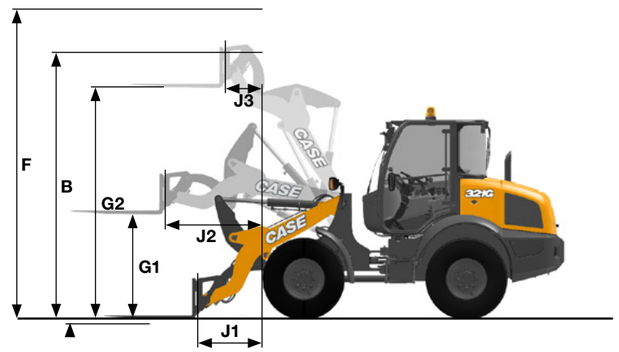
All measures with standard bucket and tires.

BUCKETS



GENERAL DIMENSIONS			221G	321G		421G
			Z-Bar	Z-Bar	XR	Z-Bar
	Bucket Volume (SAE)	m^3	0.9 - 1.2	1.0 - 1.3	1.0 - 1.3	1.5 - 1.7
	Tipping load straight	kg	4493	4625	3710	6679
	Tipping load at full turn (40°)	kg	3872	3924	3393	5878
	Payload @50%	kg	1936	1962	1696	2939
	Breakout Force	kg	6241	6725	6218	7151
A	Max bucket height	mm	4179	4322	4604	4940
B	Hinge pin height	mm	3289	3395	3705	3714
C	Dump height @45°	mm	2598	2690	2969	2711
D	Dig Depth	mm	101	84	319	77
E	Reach at full height	mm	844	849	1082	860
	Operating weight (std. bucket)	kg	5612	5980	6017	8860

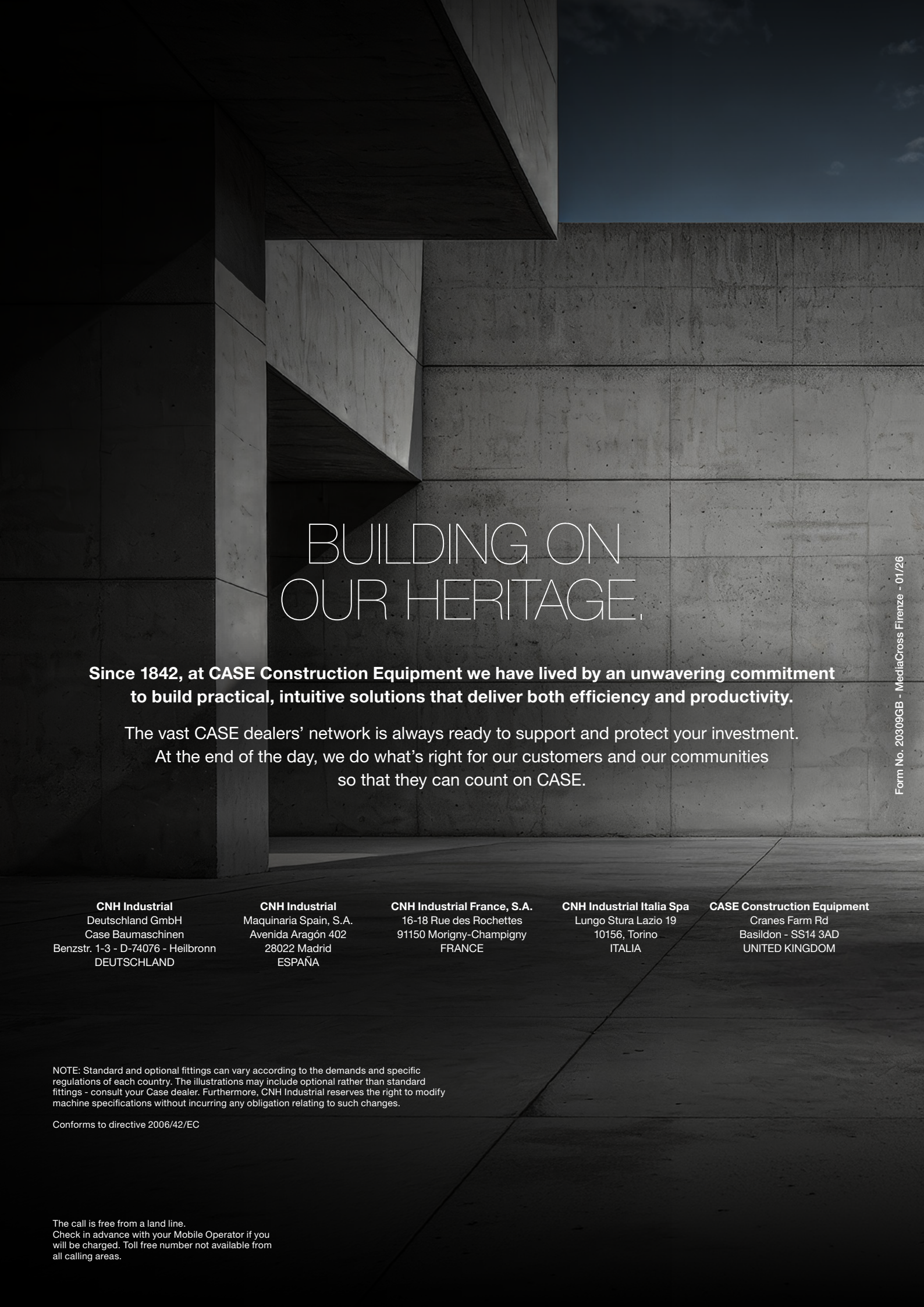
FORKS



GENERAL DIMENSIONS			221G	321G		421G
			Z-Bar	Z-Bar	XR	Z-Bar
	Tipping load straight	kg	3168	3430	2895	4851
	Tipping load at full turn (40°)	kg	2811	2913	2652	4275
	Payload @80%*	kg	2249	2330	2045	3291
F	Max overall height	mm	3805	3805	4105	3839
B	Hinge pin height	mm	3289	3395	3705	3714
G2	Max fork height	mm	3129	3183	3537	3514
G1	Forks height @ max reach	mm	1391	1395	1468	1708
J1	Reach @ ground level	mm	1001	983	1413	815
J2	Max Reach	mm	1440	1445	1814	1511
J3	Reach @ max height	mm	632	614	852	716
	Operating weight with forks	kg	5559	5910	5917	8970

*on even ground, according to ISO 8313 and EN 474-3


CASE
421G



BUILDING ON OUR HERITAGE.

Since 1842, at CASE Construction Equipment we have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity.

The vast CASE dealers' network is always ready to support and protect your investment. At the end of the day, we do what's right for our customers and our communities so that they can count on CASE.

Form No. 20309GB - MediaCross Firenze - 01/26

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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

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.