

Case Construction Equipment Compact Wheel Loader

		21F	121F	221F	321F
ENGINE					
Power	hp / kW	58 / 43	64 / 48	74 / 55	74 / 55
Torque	N.m	245	261	316	316
TRANSMISSION					
Hydrostatic 4-wheel Drive Transmission		Travel speed is proportional to the pressure on the throttle.	Travel speed is proportional to the pressure on the throttle.	Travel speed is proportional to the pressure on the throttle.	Travel speed is proportional to the pressure on the throttle.
Speed with standard tyres					
Operating speed range	km/h	0–5	0–5	0–5	0–5
Travel speed range	km/h	0–20	0–20	0–20	0–20
Optional High Travel Speed	km/h	33	33	33 (upon request)	33 (upon request)
“Inch & Brake” Pedal		Power transfer from the transmission to the bucket hydraulics at constant rpm. Optimum speed control at low speed.	Power transfer from the transmission to the bucket hydraulics at constant rpm. Optimum speed control at low speed.	Power transfer from the transmission to the bucket hydraulics at constant rpm. Optimum speed control at low speed.	Power transfer from the transmission to the bucket hydraulics at constant rpm. Optimum speed control at low speed.
Optional Creep Speed		-	-	Set and adjust travel speed in the 1-5 km/h range, adjust engine rpm for hand-free asphalt planing, snow blowing, brooming. (upon request)	Set and adjust travel speed in the 1-5 km/h range, adjust engine rpm for hand-free asphalt planing, snow blowing, brooming. (upon request)
DIFFERENTIAL CHOICE					
		Limited slip front & rear - Front & rear open differentials	Limited slip front & rear - Front & rear open differentials	Limited slip front & rear - open with 100% lock on front and rear differentials	Limited slip front & rear - open with 100% lock on front and rear differentials

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TYRES					
Standard		12.5-18 (More special tyres upon request)	12.5-18 (More special tyres upon request)	12.5-20 (More special tyres upon request)	14.5-20 (More special tyres upon request)
BRAKES					
Standard brakes		Disc brake centre mounted	Disc brake centre mounted	Disc brake located in hubs	Disc brake located in hubs
Parking brakes		Disc brake on transmission shaft	Disc brake on transmission shaft	Disc brake on transmission shaft	Disc brake on transmission shaft
STEERING					
		Fully hydraulic center pivot steering. Front and rear wheels follow the same track. Steering angle of 40° to each side. Emergency steering function.	Fully hydraulic center pivot steering. Front and rear wheels follow the same track. Steering angle of 40° to each side. Emergency steering function.	Fully hydraulic center pivot steering. Front and rear wheels follow the same track. Steering angle of 40° to each side. Emergency steering function.	Fully hydraulic center pivot steering. Front and rear wheels follow the same track. Steering angle of 40° to each side. Emergency steering function.
ELECTRICAL SYSTEM					
Voltage	V	12	12	12	12
Battery	A.h	95	95	95	95
Alternator	A.h	120	120	120	120
CAPACITIES					
Diesel	l	87	87	87	87
Engine oil	l	7	7	7	7
Cooling liquid	l	16	16	16	16
Total hydraulic oil	l	57	57	57	57

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Front axle	l	9	9	9	9
Rear axle	l	12	12	12	12
HYDRAULICS					
		Gear pump for loading and steering hydraulics. Priority valve favouring steering hydraulics. 3rd or 4th functions are proportionally controlled by the All-in-one Joystick with flow memory button as standard.	Gear pump for loading and steering hydraulics. Priority valve favouring steering hydraulics. 3rd or 4th functions are proportionally controlled by the All-in-one Joystick with flow memory button as standard.	Gear pump for loading and steering hydraulics. Priority valve favouring steering hydraulics. 3rd or 4th functions are proportionally controlled by the All-in-one Joystick with flow memory button as standard.	Gear pump for loading and steering hydraulics. Priority valve favouring steering hydraulics. 3rd or 4th functions are proportionally controlled by the All-in-one Joystick with flow memory button as standard.
Standard Flow	lpm @ rpm	67 @ 2500	67 @ 2500	85 @ 2500	85 @ 2500
High Flow package	lpm @ rpm	-	-	130 @ 2500 (upon request)	130 @ 2500 (upon request)
NOISE AND VIBRATIONS					
External - Guaranteed acoustic power-level LWA (1)	dB	101	101	101	101
Cab interior - Sound Pressure Level (2)	dB	71	71	72	72
Hand- / arm- / body - vibration (3)	m/s ²	< 2.5 / 0.5	< 2.5 / 0.5	< 2.5 / 0.5	< 2.5 / 0.5
(1) According to 2000/14/EG & appendixes. (2) According to ISO 6396. (3) According to ISO 8041					

EMISSIONS					
Nox + HC	g/kW/h	4.5	4.5	4.5	4.5
CO	g/kW/h	0.10	0.10	0.10	0.10
PM	g/kW/h	0.02	0.02	0.02	0.02