WIXIM

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WIXIM is a “Customer-oriented Utility OEM Series ”

Hitachi Construction Machinery Asia and Pacific Pte. Ltd.

HITACHI

Reliable Solutions

LANDCROS



WHEEL LOADERS

WZW140B-G / WZW220B-G

Hitachi Construction Machinery Asia and Pacific Pte. Ltd.

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Hitachi Construction Machinery Menghadirkan Seri “WIXIM” Baru

WIXIM adalah “Seri OEM Utilitas yang Berorientasi pada Pelanggan”



WZW140

Model code : WZW140B-G
Rate power : 92 kW
Operating wight : 10 100 - 10 700± 300 kg
Bucket capacity : 1.7 - 2.5 m³

WZW220

Model code : WZW220B-G
Rate power : 162 kW
Operating wight : 16 200 - 17 300± 300 kg
Bucket capacity : 2.7 - 4.0 m³



NILAI KAMI

- Garansi perlindungan penuh 1 tahun + powertrain 1 tahun hingga 4.000 jam
- Pemantauan jarak jauh
- Filter (untuk biodiesel)
- Pelindung silinder

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Reliabilitas / Durabilitas



Komponen struktural
TUGAS BERAT

Torque converter berkapasitas
BESAR YANG EFISIEN

Performa Tinggi

Sistem kemudi pendeteksi beban



Catatan: Spesifikasi dapat berubah sewaktu-waktu tanpa pemberitahuan sebelumnya dan dapat berbeda-beda di setiap negara.
Hubungi dealer resmi Anda untuk perincian lebih lanjut.

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Kenyamanan Tinggi dan Pemeliharaan Mudah

Beragam fitur kenyamanan untuk operasional sehari-hari



- Kaca spion dalam
- Lampu kabin dan tempat kacamata
- Kipas pendingin
- Pendingin udara (AC)
- Sakelar wiper/pencuci kaca depan/belakang
- Tombol kontrol monitor
- Tempat minuman
- Tempat ponsel
- Soket daya 24V/USB dan port audio
- Kursi operator yang dapat disetel
- Roda kemudi yang dapat disetel
- * Perekam perjalanan dengan deteksi objek
- Visor pelindung sinar matahari

* ciri pilihan.

Tampilan Pintar untuk Operasi yang Lebih Pintar



Layar LCD digital mutifungsi menampilkan status alat berat secara real-time, informasi pengoperasian yang jelas, dan pesan alarm, serta indikator alarm untuk kontrol alat berat yang efisien.

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Paket Waktu Operasi WIXIM

PLUS 1

Garansi Perlindungan Penuh 1 Tahun + Powertrain 1 Tahun hingga 4.000 Jam

GARANSI TAHUN KE-1 ▶ **GARANSI PERLINDUNGAN PENUH**

+

GARANSI TAHUN KE-2 ▶ **GARANSI POWERTRAIN**

Hingga 4.000 Jam Operasional

*Komponen Hidraulik, Powertrain, dan Mesin

** Filter yang dibutuhkan untuk 2.000 jam pertama tersedia secara gratis berdasarkan ketentuan pembelian.

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Suku Cadang dan Servis

Dukungan Pelanggan

Produk WIXIM didukung melalui jaringan layanan dealer kami.

Suku Cadang

Hitachi Global Online Network merupakan sistem pasokan suku cadang yang terhubung dengan depot luar negeri dan jaringan internasional untuk menyediakan informasi suku cadang secara online, termasuk ketersediaan suku cadang, penerimaan pesanan, pengiriman, dan jangka waktu pengiriman.

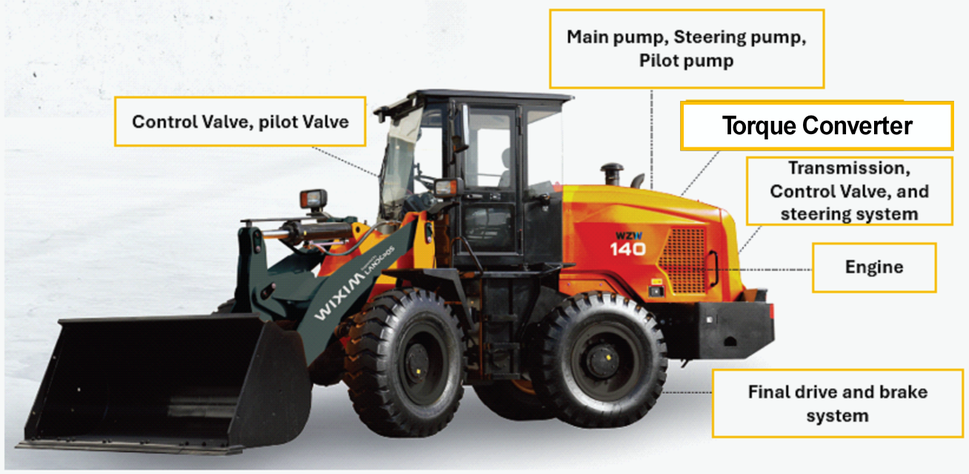
Servis

Layanan servis di lokasi sangat penting di mana pun lokasi alat berat berada untuk menjaga performa alat berat tetap optimal dan mengurangi waktu henti.

Pelatihan

Pelatihan tentang inspeksi harian untuk memastikan pengoperasian yang stabil, serta pelatihan tentang metode pengoperasian yang efisien.

Cakupan Garansi Powertrain untuk Wheel Loader





Pemeliharaan Mudah

	Maintenance Interval (Hour) for BIO Disel		Maintenance Interval (Hour) for Not BIO Disel	
	WZW140	WZW220	WZW140	WZW220
Greasing	10/50	10/50	10/50	10/50
Engine Oil Change	250	250	250	250
Engine Oil Filter Replacement	250	250	250	250
Fuel Filter Replacement	250	250	500	500
Fuel Prefilter Replacement	250	250	500	500
Fuel Tank Suction Filter	500	500	500	500
Air Filter Replacement	500	500	500	500
Transmission Oil Change	500	500	500	500
Transmission Filter Replacement	500	500	500	500
Axle Oil Change (Front and Rear)	500	500	500	500
Hydraulic Oil Change	2.000	2.000	2.000	2.000
Hydraulic Return Oil Filter Replacement	2.000	2.000	2.000	2.000
Hydraulic Pilot Oil Filter Replacement	2.000	2.000	2.000	2.000
Brake Oil Change	500	500	500	500

ConSite Manager untuk Pemeliharaan Lebih Cerdas

Ketersediaan | Hour meter | Lokasi



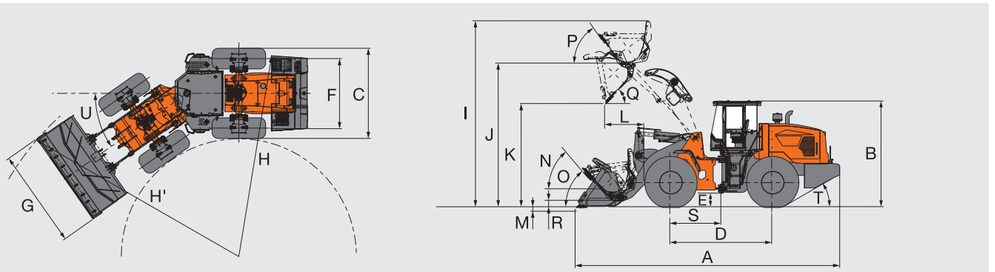
Wheel Loader

Memanfaatkan Data untuk Mencegah Masalah
Mendukung Peralatan Anda pada Setiap Tahap Masa Pakainya

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Dimension And Specification

WZW140

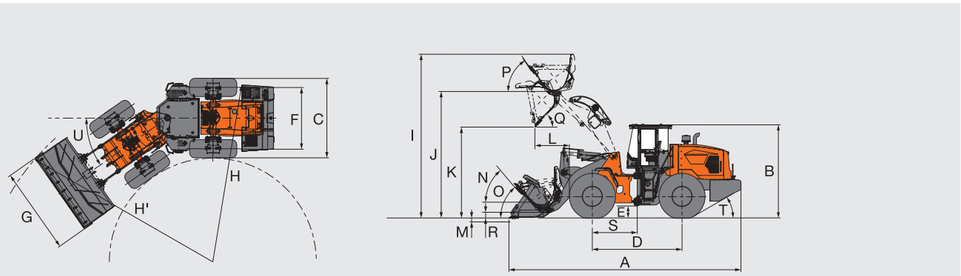


Arm type			Standard arm					High-lift arm		
Bucket type			General purpose		Rock bucket			General purpose		
			Bolt-on teeth	Bolt-on cutting edge	Bolt-on teeth			Bolt-on cutting edge		Bolt-on teeth
Bucket capacity		m^3	1.7	2.0	1.7	1.8	2.0	1.7	2.5	1.7
A Overall length		mm	7 200	7 180	7 200	7 360	7 180	7 320	7 460	7 450
B Overall height	up to cab top	mm	3 180	3 180	3 180	3 180	3 180	3 180	3 180	3 180
C Width over tires	outside tire	mm	2 320	2 320	2 320	2 320	2 320	2 320	2 320	2 320
D Wheel base		mm	2 850	2 850	2 850	2 850	2 850	2 850	2 850	2 850
E Ground clearance	Minimum	mm	355	355	355	355	355	355	355	355
F Tread		mm	1 850	1 850	1 850	1 850	1 850	1 850	1 850	1 850
G Bucket width		mm	2 430	2 500	2 430	2 430	2 500	2 430	2 900	2 430
H Turning radius (centerline of outside tire)		mm	5 455	5 455	5 455	5 455	5 455	5 455	5 455	5 455
H' Loader clearance radius, bucket in carry position		mm	6 155	6 242	6 155	6 300	6 242	6 270	6 534	6 250
I Overall operating height	bucket full raise	mm	4 752	4 804	4 752	4 804	4 804	5 040	5 255	5 040
J Height to bucket hinge pin, fully raised		mm	3 725	3 725	3 725	3 725	3 725	4 033	4 033	4 033
K Dumping clearance 45 degree, full height		mm	2 916	2 850	2 916	2 847	2 850	3 250	3 137	3 250
L Reach, 45 degree dump, full height		mm	1 070	1 140	1 070	1 137	1 140	1 010	1 108	1 010
M Digging depth (horizontal digging angle)		mm	25	25	25	25	25	25	29	25
N Max. roll back at carry position		deg	46	46	46	46	46	50.7	50.7	50.7
O Max. roll back at ground		deg	40	40	40	40	40	46	46	46
P Rack back angle at max. lift		deg	50.7	54.7	50.7	50.7	54.7	53.7	53.7	53.7
Q Dump angle at max. lift		deg	45	45	45	45	45	45	45	45
R Carry height		mm	400	400	400	400	400	400	400	400
S Center line of front axle to hitch		mm	1 425	1 425	1 425	1 425	1 425	1 425	1 425	1 425
T Departure angle		deg	26	26	26	26	26	26	26	26
U Steering angle – left / right		deg	35	35	35	35	35	35	35	35
Breakout force		kN	95 ± 3	95 ± 3	95 ± 3	95 ± 3	95 ± 3	95 ± 3	95 ± 3	95 ± 3
Operating weight		kg	10 300 ± 300	10 300 ± 300	10 300 ± 300	10 300 ± 300	10 200	10 300 ± 300	10 700 ± 300	10 300 ± 300
Rated payload		kg	3 000	3 000	3 000	3 000	3 000	3 000	3 000	3 000

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Dimension And Specification

WZW220



Arm type			Standard arm					
Bucket type			General purpose			Rock bucket		
			Bolt-on cutting edge			Bolt-on teeth		
Bucket capacity		m^3	2.8	3.0	3.6	2.7	3.0	3.6
A Overall length		mm	8 150	8 080	8 010	8 180	8 220	8 200
B Overall height	up to cab top	mm	3 400	3 400	3 400	3 400	3 400	3 400
C Width over tires	outside tire	mm	2 835	2 835	2 835	2 835	2 835	2 835
D Wheel base		mm	3 230	3 230	3 230	3 230	3 230	3 230
E Ground clearance	Minimum	mm	408	408	408	408	408	408
F Tread		mm	2 240	2 240	2 240	2 240	2 240	2 240
G Bucket width		mm	2 970	3 010	3 010	3 006	3 010	3 010
H Turning radius (centerline of outside tire)		mm	6 240	6 240	6 240	6 240	6 240	6 240
H' Loader clearance radius, bucket in carry position		mm	7 236	7 316	7 170	7 282	7 316	7 178
I Overall operating height	bucket full raise	mm	5 409	5 285	5 529	5 285	5 285	5 529
J Height to bucket hinge pin, fully raised		mm	4 124	4 124	4 124	4 124	4 124	4 124
K Dumping clearance 45 degree, full height		mm	3 047	3 038	3 075	3 065	3 038	3 075
L Reach, 45 degree dump, full height		mm	1 293	1 291	1 297	1 276	1 290	1 297
M Digging depth (horizontal digging angle)		mm	22	30	30	25	33	30
N Max. roll back at carry position		deg	47	47	45	47	47	45
O Max. roll back at ground		deg	45	45	42	45	45	42
P Rack back angle at max. lift		deg	54	54	54	54	54	54
Q Dump angle at max. lift		deg	54	45	45	45	54	45
R Carry height		mm	400	400	400	400	400	400
S Center line of front axle to hitch		mm	1 615	1 615	1 615	1 615	1 615	1 615
T Departure angle		deg	28	28	28	28	28	28
U Steering angle – left / right		deg	35	35	35	35	35	35
Breakout force		kN	170	170	≥170	170	170	≥170
Operating weight		kg	16 200 ± 300	17 000 ± 300	17 000	17 200 ± 300	16 900 ± 300	17 300 ± 300
Rated payload		kg	5 000	5 000	5 000	5 000	5 000	5 000

Arm type			High-lift arm				
Bucket type			General purpose				
			Bolt-on cutting edge			Bolt-on teeth	
Bucket capacity		m^3	2.8	3.0	4.0	2.8	3.0
A Overall length		mm	8 380	8 420	8 460	8 500	8 570
B Overall height	up to cab top	mm	3 400	3 400	3 400	3 400	3 400
C Width over tires	outside tire	mm	2 835	2 835	2 835	2 835	2 835
D Wheel base		mm	3 230	3 230	3 230	3 230	3 230
E Ground clearance	Minimum	mm	408	408	408	408	408
F Tread		mm	2 240	2 240	2 240	2 240	2 240
G Bucket width		mm	2 970	3 010	3 100	2 970	3 010
H Turning radius (centerline of outside tire)		mm	6 240	6 240	6 240	6 240	6 240
H' Loader clearance radius, bucket in carry position		mm	7 247	7 300	7 370	7 220	7 400
I Overall operating height	bucket full raise	mm	5 756	5 630	5 971	5 756	5 630
J Height to bucket hinge pin, fully raised		mm	4 470	4 470	4 470	4 470	4 470
K Dumping clearance 45 degree, full height		mm	3 400	3 364	3 280	3 400	3 385
L Reach, 45 degree dump, full height		mm	1 330	1 352	1 315	1 330	1 330
M Digging depth (horizontal digging angle)		mm	118	133	113	116	116
N Max. roll back at carry position		deg	46	46	45	46	46
O Max. roll back at ground		deg	44	44	42	44	44
P Rack back angle at max. lift		deg	50	50	50	50	50
Q Dump angle at max. lift		deg	45	45	49	45	45
R Carry height		mm	400	400	400	400	400
S Center line of front axle to hitch		mm	1 615	1 615	1 615	1 615	1 615
T Departure angle		deg	28	28	28	28	28
U Steering angle – left / right		deg	35	35	35	35	35
Breakout force		kN	160	160	155	160	160
Operating weight		kg	16 500 ± 300	17 200 ± 300	17 300 ± 300	16 600 ± 300	17 000 ± 300
Rated payload		kg	5 000	5 000	5 000	5 000	5 000

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Specification

WZW140

ENGINE	
Model	WEICHAI WP6G125E22
No. of cylinders	6
Rated power	92 kW at 2 200 min^{-1}
Maximum torque	500 Nm / 1 400 - 1 600 min^{-1}
Bore and stroke	105 mm × 130 mm
Piston displacement	6.75 L
Batteries	2 × 12 V
Air cleaner	Three element type
Alternator	70 Amp
Starting motor	24 V / 6 kW

POWER TRAIN	
Transmission	Countershaft powershift
Shift type	Mechanical powershift control
Pressure of transmission	1.1 - 1.5 MPa
Torque converter	Single stage and turbine, 3 - element
Travel speed Forward / Reverse	
1st	7 / 8.5 km/h
2nd	12 / 28 km/h
3rd	24 km/h
4th	36 km/h

AXLE AND FINAL DRIVE	
Axles	Rigid (Front) and oscillating (Rear)
Rear axle oscillation angle	± 10°
Differential	Conventional
Main reducer	Spiral bevel, 1 - stage reduction
Final reducer	Planetary reduction

TIRES	
Tire size	17.5-25 12PR Tube type (L3)

BRAKES	
Service brakes	Single circuit caliper, dry brake
Setting pressure	0.70 - 0.78 MPa
Parking brakes	Flexible shaft controlled caliper brake

STEERING SYSTEM	
Type	Hydraulic load sensing system
Pump	227 L / min at 2 200 min^{-1}
System pressure	14 MPa
Steering angle	± 35°
Cylinder type	Double acting

HYDRAULIC SYSTEM	
Pump	227 L / min at 2 200 min^{-1}
Control valve	2 Spool
System pressure	16 MPa
Cycle time (total)	9 s

SERVICE REFILL CAPACITIES	
Fuel tank	200 L
Hydraulic oil tank	165 / 170 (3rd Spool) L
Crankshaft	14 L
Transmission	36 L
Front axle	18 L
Rear axle	18 L

MATERIAL DENSITY	Max. material density(kg/m^3)
1.7m^3 bolt on cutting edge	2 118
2.0m^3 bolt on cutting edge	1 800
2.0m^3 bolt on teeth	1 800
1.7m^3 bolt on cutting edge for high lift arm	2 118
1.7m^3 bolt on cutting teeth for high lift arm	2 118

Equipment

● : Standard equipment ○ : Optional equipment

ENGINE	WZW140B-G
Air intake	
Oil bath air fiter	○
Pre-cleaner (Automatic dust discharge type)	○
Rain cap	●

BRAKE SYSTEM	WZW140B-G
Pedal	
Single brake pedal	●
Service brake	
Dry disc type	●

HYDRAULIC SYSTEM	WZW140B-G
Bucket auto leveler (Automatic return to dig control)	●
Control lever	
For 2 spools control valve	
Joystick lever	●
For 3 spools control valve	
Joystick lever and AUX lever for 3rd function	○
Lift arm kick - out system	○

OPERATOR'S STATION	WZW140B-G
Adjustable steering column tilt	●
Audio	
Radio less	●
Cab	
ROPS / FOPS	●
Cooling fan	●
Evacuation hammer	●
Front defroster	●
Horn, with push button in center of steering wheel	●
Manual control air conditioner	
with Single intake filter	●
Rear view camera and monitor	○
Safety glass (tempered)	●
Seat	
Mechanical suspension seat	●
Air suspension seat (with heater, aeration)	○
Air suspension seat (without heater, aeration)	○
Sunscreen roller type	●
USB power outlet	●
Windshield washer front and rear	●
Windshield wipers	
Front	●
Rear	○
24V power outlet	●

FRONT ATTACHMENT	WZW140B-G
Bucket	
For standard lift arm	
Bolt-on teeth; Capacity (1.7 m^3)	○
Rock bucket; Capacity (1.7 m^3) Tooth, Space edge, Side shroud	○
Rock bucket; Capacity (1.8 m^3) Tooth, Space edge, Side shroud	○
Bolt-on cutting edge ; Capacity (2.0m^3)	●
Rock bucket; Capacity (2.0 m^3) Tooth, Space edge, Side shroud	●
For high lift arm	
Bolt-on cutting edge bucket; Capacity (1.7 m^3)	○
Bolt-on cutting edge bucket; Capacity (2.5 m^3)	○
Bolt-on teeth; Capacity (1.7 m^3)	○

MISCELLANEOUS	WZW140B-G
Anti-vandal protection	
Bolt-on battery cover	●
Lockable engine cover	●
Lockable fuel refilling cap	○
Articulation lock bar	●
Bucket cylinder guard	●
Cylinder rod cover (for bucket cylinder and steering cylinders)	●
Drawbar with locking pin	●
Fenders	
Front and half covered rear fenders	●
Front windshield guard	○
Lift arm	
Standard	●
High Lift Arm	○
Lift hooks	●
Tie down hooks	●

MONITORING SYSTEM	WZW140B-G
Hour meter	●

ELECTRICAL SYSTEM	WZW140B-G
Backup alarm	●
Battery disconnect switch	●

LIGHTS	WZW140B-G
LED Brake and tail lights	●
LED Clearance lights	●
LED Headlights	●
LED Turn signals with hazard switch	●
LED Work lights	
Additional front light on cab	○
Front lights on cab	●
Rear lights on rear grille	●
Rear lights on cab	●

POWER TRAIN	WZW140B-G
Differential	
Conventional differential	●
Manual transmission	●

TIRES	WZW140B-G
17.5-25 12PR Tube type (L3)	●
17.5-25 12PR Tubeless type (L3)	○

COOLING SYSTEM	WZW140B-G
Standard fin pitch radiator	●
Wide fin pitch radiator	○

Standard and optional equipment may vary by country, so please consult authorized dealer for details.

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Specification

WZW220

ENGINE	
Model	WEICHAI WP10G220E21
No. of cylinders	6
Rated power	162 kW at 2 200 min^{-1}
Maximum torque	860 Nm / 1 400 - 1 600 min^{-1}
Bore and stroke	126 mm × 130 mm
Piston displacement	9.726 L
Batteries	2 × 12 V
Air cleaner	Three element type
Alternator	70 Amp
Starting motor	24 V / 7.5 kW

POWER TRAIN	
Transmission	Planetary powershift
Shift type	Mechanical powershift control
Pressure of transmission	1.1 - 1.5 MPa
Torque converter	Single stage and turbine, 4 - element
Travel speed* Forward / Reverse	
1st	13 / 16 km/h
2nd	39 km/h

AXLE AND FINAL DRIVE	
Axles	Rigid (Front) and oscillating (Rear)
Rear axle oscillation angle	± 10°
Differential	Conventional
Main reducer	Spiral bevel, 1 - stage reduction
Final reducer	Planetary reduction

TIRES	
Tire size	23.5-25 16PR Tube type (L3)

BRAKES	
Service brakes	Single circuit caliper, dry brake
Setting pressure	0.70 - 0.78 MPa
Parking brakes	Air actuated caliper brake

STEERING SYSTEM	
Type	Hydraulic load sensing system
Pump	162 L / min at 2 200 min^{-1}
System pressure	15 MPa
Steering angle	± 35°
Cylinder type	Double acting

HYDRAULIC SYSTEM	
Type	Double pump confluence
Pump	202 L / min at 2 200 min^{-1}
Control valve	2 Spool
System pressure	19 MPa
Cycle time (total)	9.3 s

SERVICE REFILL CAPACITIES	
Fuel tank	285 L
Hydraulic oil tank	180 L
Crankshaft	17 L
Transmission	45 L
Front axle	28 L
Rear axle	28 L

MATERIAL DENSITY	Max. material density(kg/m^3)
2.8m^3 bolt on cutting edge for high lift arm	2 143
3.0m^3 bolt on cutting edge	2 000
3.0m^3 bolt on cutting edge for high lift arm	2 000
3.6m^3 bolt on cutting edge	1 667
4.0m^3 bolt on cutting edge for high lift arm	1 500
2.8m^3 bolt on cutting teeth	2 143
3.0m^3 bolt on cutting teeth	2 000
3.6m^3 bolt on cutting teeth	1 667
2.7m^3 rock	2 222

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Equipment

● : Standard equipment ○ : Optional equipment

ENGINE	WZW220B-G
Air intake	
Oil bath air filter	○
Pre-cleaner (Automatic dust discharge type)	●

BRAKE SYSTEM	WZW220B-G
Pedal	
Single brake pedal	●
Service brake	
Dry disc type	●

HYDRAULIC SYSTEM	WZW220B-G
Bucket auto leveler (Automatic return to dig control)	●
Control lever	
For 2 spools control valve	
Joystick lever	●
For 3 spools control valve	
Joystick lever and AUX lever for 3rd function	○
Lift arm kick - out system	○

OPERATOR'S STATION	WZW220B-G
Adjustable steering column tilt	●
Audio	
Radio less	●
Cab	
ROPS / FOPS	●
Cooling fan	●
Evacuation hammer	●
Front defroster	●
Horn, with push button in center of steering wheel	●
Manual control air conditioner	
with Single intake filter	●
Rear view camera and monitor	○
Safety glass (tempered)	●
Seat	
Mechanical suspension seat	●
Air suspension seat (with heater, aeration)	○
Air suspension seat (without heater, aeration)	○
Sunscreen roller type	●
USB power outlet	●
Windshield wipers	
Front	●
Rear	○
24V power outlet	●

MONITORING SYSTEM	WZW220B-G
Hour meter	●

ELECTRICAL SYSTEM	WZW220B-G
Backup alarm	●
Battery disconnect switch	●

LIGHTS	WZW220B-G
LED Brake and tail lights	●
LED Clearance lights	●
LED Headlights	●
LED Turn signals with hazard switch	●
LED Work lights	
Additional front light on cab	○
Front lights on cab	●
Rear lights on rear grille	●
Rear lights on cab	●

POWER TRAIN	WZW220B-G
Differential	
Conventional differential	●
Manual transmission	●

TIRES	WZW220B-G
23.5-25 16PR Tube type (L3)	●
23.5-25 16PR Tubeless type (L3)	○

COOLING SYSTEM	WZW220B-G
Standard fin pitch radiator	●
Wide fin pitch radiator	○

FRONT ATTACHMENT	WZW220B-G
Bucket	
For standard lift arm	
Bolt-on cutting edge bucket; Capacity (3.0 m^3)	○
Bolt-on cutting edge bucket; Capacity (3.6 m^3)	●
Bolt-on teeth; Capacity (2.8 m^3)	○
Bolt-on teeth; Capacity (3.0 m^3)	○
Bolt-on teeth; Capacity (3.6 m^3)	●
Rock bucket; Capacity (2.7 m^3) Tooth, Space edge, Side shroud	○
For high lift arm	
Bolt-on cutting edge bucket; Capacity (2.8 m^3)	○
Bolt-on cutting edge bucket; Capacity (3.0 m^3)	○
Bolt-on cutting edge bucket; Capacity (4.0 m^3)	○
Bolt-on teeth; Capacity (2.8 m^3)	○
Bolt-on teeth; Capacity (3.0 m^3)	○

MISCELLANEOUS	WZW220B-G
Anti-vandal protection	
Bolt-on battery cover	●
Lockable engine cover	●
Lockable fuel refilling cap	○
Articulation lock bar	●
Bucket cylinder guard	●
Cylinder rod cover (for bucket cylinder and steering cylinders)	●
Drawbar with locking pin	●
Fenders	
Front and half covered rear fenders	●
Front windshield guard	○
Lift arm	
Standard lift arm	●
High lift arm	○
Lift hooks	●
Tie down hooks	●

Standard and optional equipment may vary by country, so please consult authorized dealer for details.