WIXIM

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WIXIM is a “Customer-oriented Utility OEM Series”

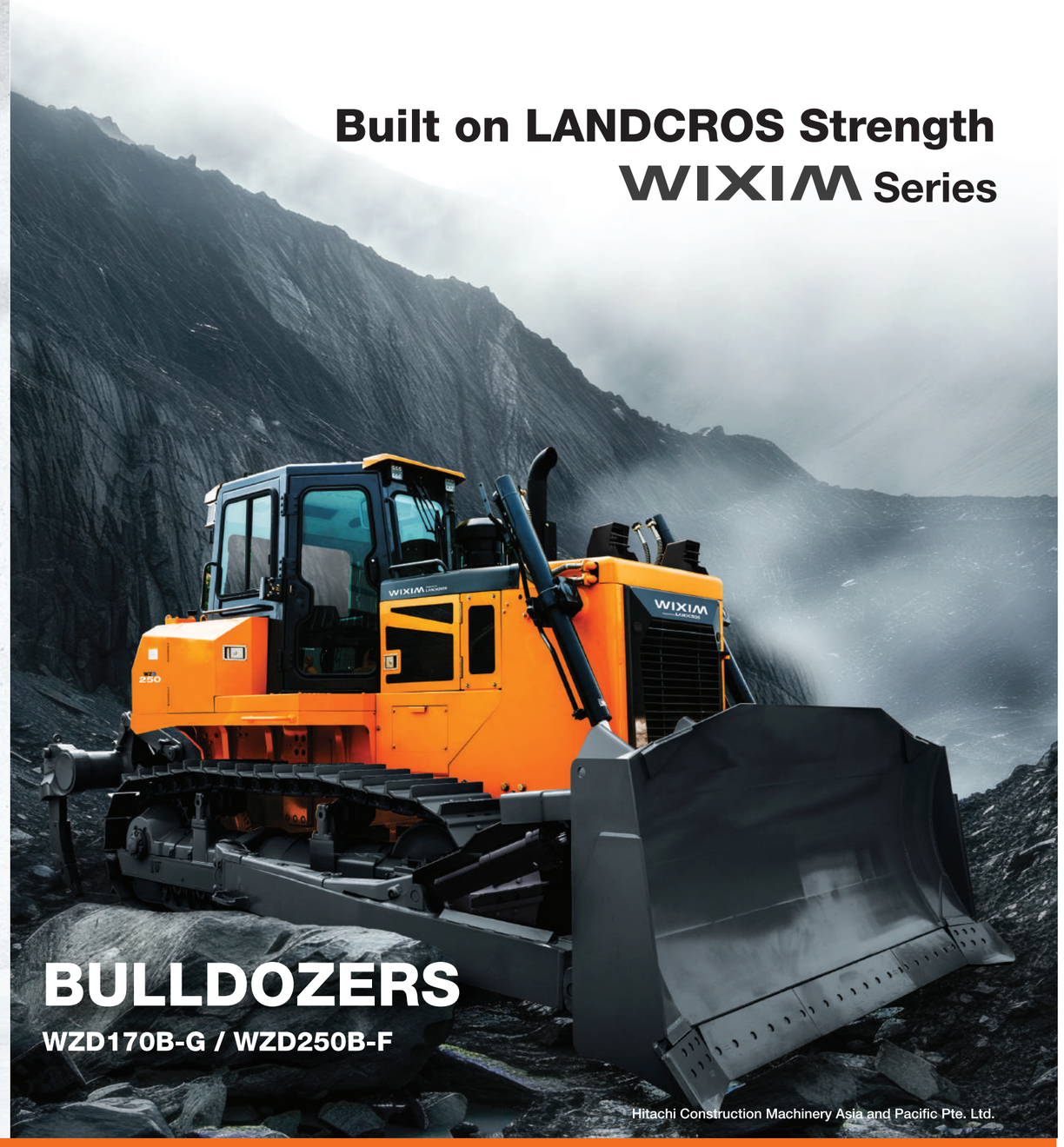
Hitachi Construction Machinery Asia and Pacific Pte. Ltd.

HITACHI

Reliable Solutions

LANDCROS

Built on LANDCROS Strength
WIXIM Series



BULLDOZERS

WZD170B-G / WZD250B-F

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”



* Ripper merupakan spesifikasi opsional.

WZD170

Model code	:	WZD170B-G	Model code	:	WZD170BM-G
Rate power	:	140 kW	Rate power	:	140 kW
Operating wight	:	16 800 kg	Operating wight	:	19 200 kg
Blade capacity	:	3.2 m³	Blade capacity	:	3.4 m³

WZD 250

Model code	:	WZD250B-F	Model code	:	WZD250BM-F
Rate power	:	195 kW	Rate power	:	195 kW
Operating wight	:	24 200 kg	Operating wight	:	26 900 kg
Blade capacity	:	5.1 m³	Blade capacity	:	6.5 m³



NILAI KAMI

- Garansi perlindungan penuh 1 tahun + powertrain 1 tahun hingga 4.000 jam
- Paket filter 2.000 jam
- Pemantauan jarak jauh
- Filter (untuk biodiesel)

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Reliabilitas / Durabilitas



- Rangka utama tipe boks menggunakan material berkualitas dan komponen cor yang kuat serta mampu menahan beban impak dan torsi yang tinggi.
- Transmisi yang andal dan torque converter hidraulik yang stabil menghasilkan keluaran daya yang efektif dan efisiensi tinggi.

Performa Tinggi

WZD170



WZD 250



- Sistem pergerakan unit menggunakan kontrol elektro-hidraulik tuas tunggal, yang mengintegrasikan perpindahan kecepatan, perubahan arah, dan kemudi.
- Pengaturan gigi dapat diatur sesuai dengan kondisi kerja sehingga pengoperasian menjadi lebih efisien dan cerdas.
- Perangkat kontrol blade/ripper menggunakan kontrol pilot proporsional, dengan kontrol yang presisi, gerakan halus yang baik, dan pengoperasian yang mudah.

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Kenyamanan Tinggi dan Pemeliharaan Mudah

Beragam fitur kenyamanan untuk operasional sehari-hari



- Kabin ROPS/FOPS
- Pendingin udara (AC) terintegrasi
- Terminal USB
- Wiper dan pencuci kaca depan/belakang/kanan/kiri
- Tombol kontrol monitor
- Tempat minuman
- Sakelar lampu
- Pelindung sinar matahari
- Pijakan kaki
- Sandaran tangan yang dapat disetel
- Kotak alat
- Port audio

Tampilan Pintar untuk Operasi yang Lebih Pintar

- Panel instrumen logam dengan layar LCD menyediakan pemantauan parameter alat berat secara menyeluruh dan real-time.
- Deteksi gangguan otomatis dengan catatan riwayat gangguan mengurangi waktu henti alat berat dan mengurangi beban kerja operator.
- Sistem pendingin udara (AC) terintegrasi dilengkapi saluran dan kisi-kisi udara atas, serta delapan kisi-kisi udara yang dapat disetel untuk mengalirkan udara 360° ke segala arah, sehingga operator tetap dikelilingi oleh udara sejuk.



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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.

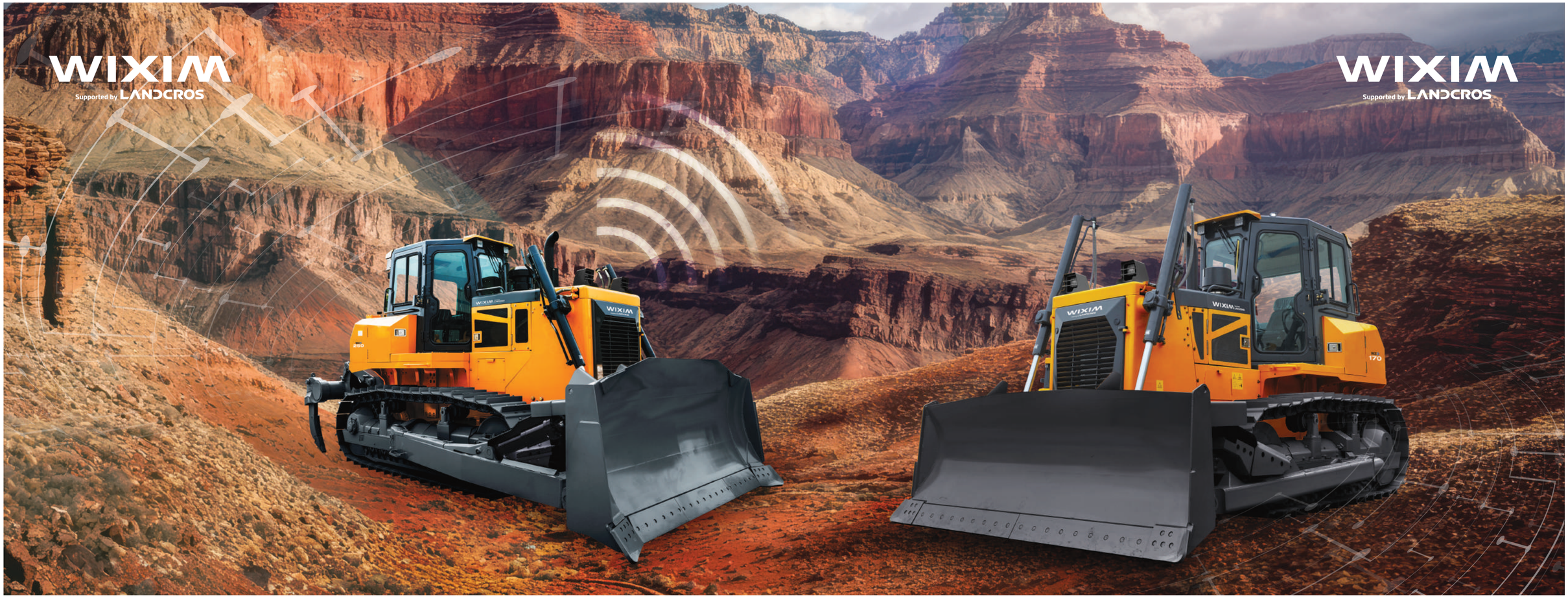
Pelatihan

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

Perlindungan Garansi Powertrain untuk Buldoser



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Pemeliharaan Mudah

	Maintenance Interval (Hour)	
	WZD170	WZD250
Greasing	250	250
Hydraulic Oil Change	2 000	2 000
Hydraulic Return Oil Filter Replacement	1 000	1 000
Hydraulic Pilot Oil Filter Replacement	1 000	1 000
Engine Oil Change	250	250
Engine Oil Filter Replacement	250	250
Fuel Filter Replacement	250	250
Transmission Oil Change	1 000	1 000
Transmission Filter Replacement	500	500
Final Drive Oil Change	1 000	1 000
A/C Filter Replacement	1 000	1 000

ConSite Manager untuk Pemeliharaan Lebih Cerdas

Ketersediaan	Hour meter	Lokasi



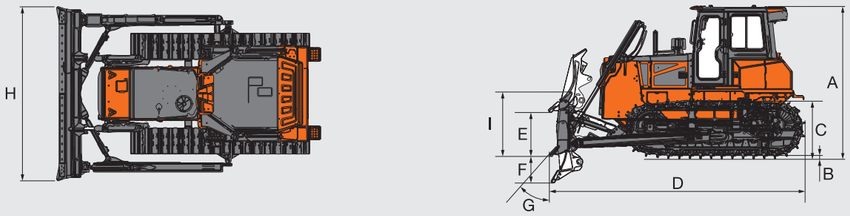
Buldoser

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

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Dimension And Specification

WZD170



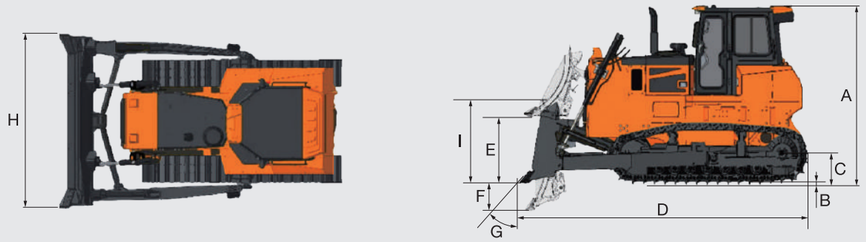
Blade			WZD170B-G	WZD170BM-G
Blade type			Straight-tilt blade	
Blade capacity		m^3	3.2	3.4
A	Machine height	mm	3 200	3 200
B	Track grouser height	mm	65	101.5
C	Ground clearance	mm	400	400
D	Overall length of machine (including traction frame)	mm	5 450	5 500
E	Max. lifting height of blade	mm	1 095	1 005
F	Max. digging depth of blade	mm	540	485
G	Digging angle of blade		55° ± 3°	55° ± 3°
H	Blade width	mm	3 452	4 230
I	Blade height	mm	1 127	1 040

Ripper (Option)			WZD170B-G	WZD170BM-G
Ripper type			Three-shank	
Max. ripping depth		mm	460	
Max. lifting height		mm	600	
Ripper length (at deepest ripping)		mm	1 789	
Ripper width		mm	2 082	
Ripping width		mm	1 900	
Distance between ripper teeth		mm	950	

WIXIM
Supported by LANDCROS

Dimension And Specification

WZD250



Blade			WZD250B-F	WZD250BM-F
Blade type			Straight-tilt blade	
Blade capacity		m^3	5.1	6.5
A	Machine height	mm	3 460	3 510
B	Track grouser height	mm	72	123
C	Ground clearance	mm	405	450
D	Overall length of machine (including traction frame)	mm	5 980	6 130
E	Max. lifting height of blade	mm	1 210	1 300
F	Max. digging depth of blade	mm	540	550
G	Digging angle of blade		55° ± 3°	55 °± 3°
H	Blade width	mm	3 723	4 392
I	Blade height	mm	1 380	1 406

Ripper (Option)			WZD250B-F	WZD250BM-F
Ripper type			Single-shank / Three-shank	
Max. ripping depth		mm	695 / 666	
Max. lifting height		mm	515 / 555	
Ripper length (at deepest ripping)		mm	2 200 / 2 000	
Ripper width		mm	1 426 / 2 158	
Ripping width		mm	— / 2 000	
Distance between ripper teeth		mm	— / 930	

WIXIM
Supported by LANDCROS

Specification

ENGINE	
Model	Weichai WD10G190E214
Rated power (gross)	140 kW at 1 900 min^{-1}
Rated power (net)	127 kW at 1 900 min^{-1}
Maximum torque	900 Nm at 1 400 - 1 600 min^{-1}
Piston displacement	9.726 L

DRIVE SYSTEM	
Transmission	High working efficiency, low breakdown rate; torqflow transmission, 3 gears forward and 3 gears backward.
Steering clutch	Wet-type, multi-disc spring hold-down, hydraulic disengagement, manual hydralic operation.
Brake	Wet-type, floating belt-type, hydralic power assist
Final drive	Reduction of dual spur gear, splash lubrication
Traction force	257 kN
Travel speed Forward / Reverse	
1st	3.5 / 4.5 km/h
2nd	6.2 / 8.0 km/h
3rd	10.6 / 13.1 km/h

OPERATING WEIGHT		
Model	Shoe width	Operating weight
WZD170B-G	610 mm	16 800 kg
WZD170BM-G	960 mm	19 200 kg

CHASSIS SYSTEM		
	WZD170B-G	WZD170BM-G
Type	Splayed beam oscillating, balance beam suspension structure	
Track shoe type	Single grouser	Wetland type
Track gauge	1 880 mm	2 430 mm
Width of track shoe	510 mm	1 100 mm
Length of track on ground	2 635 mm	2 935 mm
Track grounding area	29 733 cm^2	70 730 cm^2
Number of track shoe	39 / side	42 / side
Grounding pressure (standard configuration)	55 kPa	27 kPa
Number of carrier roller	2 / side	2 / side
Number of track roller	7 / side	7 / side
Chain rail pitch	203 mm	203 mm
Minimum turning radius	2 509 mm	3 210 mm

SERVICE REFILL CAPACITIES		
	WZD170B-G	WZD170BM-G
Fuel tank	345 L	345 L
Engine coolant	56 L	56 L
Engine oil	24 L	24 L
Hydraulic oil tank	70 L	70 L
Final drive	21 L / side	25 L / side

BULLDOZERS
WZD170



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Equipment

● : Standard equipment ○ : Optional equipment – : Not applicable

ENGINE	WZD170B-G	WZD170BM-G
Enlarged radiator	●	●
Pre-cleaner: Cyclone type	○	○
Pre-cleaner: Regular type	●	●
Secondary oil-water separator	●	●
Water separator	●	●

CAB	WZD170B-G	WZD170BM-G
Air conditioner	●	●
Air conditioner for foot area	○	○
Camera: Rear view camera	○	○
Camera: 360 degree view camera	○	○
Heated rear window	○	○
Radio less	●	●
ROPS / FOPS Cab	●	●
ROPS / FOPS Cab with full guard	○	○
Seat: Air suspension seat	○	○
Seat: Mechanical suspension seat	●	●

UNDERCARRIAGE	WZD170B-G	WZD170BM-G
Suspension system	●	●
Track roller guard: Integral	●	○
Track roller guard: No track roller guard	○	–
Track roller guard: Segmented	–	●
510 mm single grouser shoe	○	–
510 mm single grouser shoe (Lubricated)	○	–
560 mm single grouser shoe	○	–
560 mm single grouser shoe (Lubricated)	○	–
610 mm single grouser shoe	○	–
610 mm single grouser shoe (Lubricated)	●	–
810 mm single grouser shoe	–	○
910 mm heavy duty single grouser shoe (Lubricated)	–	○
950 mm trapezoidal shoe	–	○
950 mm trapezoidal shoe (Lubricated)	–	●
1 100 mm trapezoidal shoe	–	○
1 100 mm trapezoidal shoe (Lubricated)	–	○

BLADE	WZD170B-G	WZD170BM-G
Angle blade	○	–
Semi-U tilt blade	○	–
Straight tilt blade	●	●
U blade (Universal blade)	○	–

REAR ATTACHMENTS	WZD170B-G	WZD170BM-G
Multi shank ripper	○	○
Rigid type drawbar	●	●
Rigid type drawbar with hydraulic piping for multi shank ripper	○	○

LIGHTS	WZD170B-G	WZD170BM-G
Cab side light	○	○
Warning light (LED, Yellow)	○	○

MISCELLANEOUS	WZD170B-G	WZD170BM-G
Automatic lubrication and track tensioning	○	○
Backup alarm	●	●
Battery disconnect switch	●	●
Bracket for fire extinguisher (Dia. 98 mm)	○	○
Bracket for fire extinguisher (Dia. 120 mm)	○	○
Mobile communication system unit less	●	●

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

WIXIM
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Specification

ENGINE	
Model	Weichai WP13G265A0
Rated power (gross)	195 kW at 1 900 min^{-1}
Rated power (net)	180 kW at 1 900 min^{-1}
Maximum torque	1 325 Nm at 1 300 - 1 500 min^{-1}
Piston displacement	12.54 L

DRIVE SYSTEM	
Transmission	The drive system with stable and reliable quality which comprises a torque converter with efficiency of up to 90 %
Steering clutch	Wet-type, multi-disc spring hold-down, hydraulic disengagement
Brake	Wet-type, floating belt-type
Final drive	Reduction of dual spur gear, splash lubrication
Travel speed Forward / Reverse	
1st	3.7 / 4.5 km/h
2nd	6.7 / 8.1 km/h
3rd	11.5 / 13.9 km/h

OPERATING WEIGHT		
Model	Shoe width	Operating weight
WZD250B-F	610 mm	24 200 kg
WZD250BM-F	910 mm	26 900 kg

CHASSIS SYSTEM		
	WZD250B-F	WZD250BM-F
Type	Splayed beam oscillating, balance beam suspension structure	
Track shoe type	Single grouser	Single grouser
Track gauge	2 000 mm	2 250 mm
Width of track shoe	560 mm	910 mm
Length of track on ground	3 050 mm	3 480 mm
Track grounding area	38 317 cm^2	71 476 cm
Number of track shoe	41 / side	45 / side
Grounding pressure (standard configuration)	62 kPa	37 kPa
Number of carrier roller	2 / side	2 / side
Number of track roller	7 / side	8 / side
Chain rail pitch	216 mm	216 mm
Minimum turning radius	3 120 mm	3 610 mm

SERVICE REFILL CAPACITIES		
	WZD250B-F	WZD250BM-F
Fuel tank	480 L	480 L
Engine coolant	79 L	79 L
Engine oil	24 L	24 L
Hydraulic oil tank	110 L	110 L
Final drive	36 L / side	41 L / side

BULLDOZERS
WZD 250



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Equipment

● : Standard equipment ○ : Optional equipment – : Not applicable

ENGINE	WZD250B-F	WZD250BM-F
Enlarged radiator	●	●
Pre-cleaner: Cyclone type	●	●
Pre-cleaner: Regular type	○	○
Secondary oil-water separator	●	●
Water separator	●	●

CAB	WZD250B-F	WZD250BM-F
Air conditioner	●	●
Air conditioner for foot area	○	○
Camera: Rear view camera	○	○
Camera: 360 degree view camera	○	○
Heated rear window	○	○
Radio less	●	●
ROPS / FOPS Cab	●	●
ROPS / FOPS Cab with full guard	○	○
Seat: Air suspension seat	○	○
Seat: Mechanical suspension seat	●	●

UNDERCARRIAGE	WZD250B-F	WZD250BM-F
Integral track roller guard	●	●
Suspension system	●	●
560 mm heavy duty single grouser shoe	○	–
560 mm single grouser shoe	○	–
560 mm single grouser shoe (Lubricated)	○	–
610 mm single grouser shoe	○	–
610 mm single grouser shoe (Lubricated)	●	–
660 mm single grouser shoe	○	–
660 mm single grouser shoe (Lubricated)	○	–
810 mm single grouser shoe	–	○
910 mm heavy duty single grouser shoe	–	○
910 mm trapezoidal shoe	–	●

BLADE	WZD250B-F	WZD250BM-F
Angle blade	○	–
Semi-U tilt blade	○	–
Straight tilt blade	●	●
U blade (Universal blade)	○	–

REAR ATTACHMENTS	WZD250B-F	WZD250BM-F
Rigid type drawbar	●	●
Rigid type drawbar with hydraulic piping for multi shank ripper	○	○
Rigid type drawbar with hydraulic piping for single ripper	○	○
Ripper: Multi shank ripper	○	○
Ripper: Single ripper	○	○

LIGHTS	WZD250B-F	WZD250BM-F
Cab side light	○	○
Warning light (LED, Yellow)	○	○

MISCELLANEOUS	WZD250B-F	WZD250BM-F
Automatic lubrication and track tensioning	○	○
Backup alarm	●	●
Battery disconnect switch	●	●
Bracket for fire extinguisher (Dia. 98 mm)	○	○
Bracket for fire extinguisher (Dia. 120 mm)	○	○
Mobile communication system unit less	●	●

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

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