

# GRADER

## RG140.B EVO, RG170.B EVO & RG200.B EVO



### DECLUTCH

To return the implement quicker.



### 5-POSITION SADDLE AND TWO PIN LOCKING

Clear visualization.



### CAB ON REAR CHASSIS

Clear dozer blade visualization.



### ELECTRONIC FPT ENGINE

Tier 3 with variable horse power (VHP).



### ZF POWERSHIFT TRANSMISSION 6X3

With torque converter and Lock-up.



### RIPPER WITH OPTION FOR ADDITIONAL TEETH

For RG170.B EVO and RG200.B EVO.



### GRAZIAND REAR AXLE WITH ANTI-SLIP SYSTEM

Limited Slip (RG140.B EVO) and Diff Lock (RG200.B EVO).



### 'A' SHAPED TRACK BAR HIGHLY RESISTANT

With bolted ball joints.



### CIRCLE WITH EXTERNAL TEETH FOR EASY CLEANING

High torque and pinion protection in case of impact.



### MULTIRADIUS ROLL AWAY BLADE

Easy material movement.



### MORE CONVENIENCE

Manual accelerator and automatic transmission.

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MODEL	RG140.B EVO	RG170.B EVO	RG200.B EVO
<b>POWERTRAIN</b>			
Engine brand and model	FPT 6.7L Tier 3	FPT 6.7L Tier 3	FPT 6.7L Tier 3
Gross power [hp(kW)]@ rpm]	150/173 hp (112/129kW)@ 2.200	193/205/220 hp (144/153/164kW)@ 2.200	220/234 hp (164/175kW)@ 2.200
Net power [hp(kW)]@ rpm]	140/160hp (104/119kW)@ 2.200	178/190/205hp (133/142/153kW)@ 2.200	205/219hp (153/163kW)@ 2.200
Number of cylinders	6	6	6
Cylinder capacity (liters)	6,7	6,7	6,7
Net torque (Nm@ rpm)	591/678@ 1.500	743/788/832@ 1.500	864/924@ 1.600
Transmission type	Powershift with torque converter and lock-up	Powershift with torque converter and lock-up	Powershift with torque converter and lock-up
Speeds (F/R)	6 / 3	6 / 3	6 / 3
Maximum speed – F/R (km/h)	42,8 / 29,2	44,1 / 30,3	38,8 / 27,4
<b>MAIN</b>			
Anti-slip system	Limited Slip	Differential lock	Differential lock
Service brake type	Oil immersed multi-discs, located on the wheel hubs	Oil immersed multi-discs, located on the wheel hubs	Oil immersed multi-discs, located on the wheel hubs
Hydraulic pump	Axial pistons and variable flow	Axial pistons and variable flow	Axial pistons and variable flow
Pump flow (L/min)	186,0	186,0	186,0
Hydraulic system pressure (psi)	2.802	3.044	3.044
Tires	14x24 – 12L – G2	17.5x25 – 12L – L2	17.5x25 – 12L – L2
Wheel rims	9" One piece	14" Three-way	14" Three-way
<b>DIMENSIONS</b>			
Chassis articulation angle (degrees)	25,0	25,0	25,0
Turning radius (mm)	7,700	7,700	7,700
Wheel lean each direction (degrees)	20,0	20,0	20,0
Front axle oscillation each direction (degrees)	15,0	15,0	15,0
Front axle ground clearance (mm)	580	580	580
Total length – without attachments (mm)	8.957	8.957	8.957
Height to top of standard cab (mm)	3.400	3.400	3.400
Gauge (mm)	2.106	2.106	2.174
Tandem oscillation – front (degrees)	20 / 20	20 / 20	20 / 20
Circle diameter (mm)	1.752,6	1.752,6	1.752,6
Type of central dozer blade	Involute curve (Roll Away)	Involute curve (Roll Away)	Involute curve (Roll Away)
Standard blade – width/height (mm)	3.658 / 622	3.962 / 671	4.267 / 671
Maximum blade lift above ground (mm)	444,5	444,5	444,5
Maximum blade penetration in the ground (mm)	711	711	711
Maximum Right/Left slope angle (degrees)	90 / 90	90 / 90	90 / 90
Maximum Right/Left moldboard reach (mm)	1.912 / 1.715	2.065 / 1.868	2.153 / 1.956
Dozer slope - front/back (degrees)	40.0 / 5.0	40.0 / 5.0	40.0 / 5.0
<b>REAR RIPPER</b>			
Maximum width of cut (mm)	2.165	2.195	2.195
Maximum ground penetration (mm)	306	437	437
<b>OTHERS</b>			
Operating weight (kg)	15.353	17.172	19.040

IO-SL1008



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