



ALL FOR SHOPS AND WAREHOUSES

VVN

Wheel loaders

Easy maintenance & outstanding after-sales services
Complete line of applications and accessories
Pilot control system, automatic leveling



Models described in the catalog:

VVN WL 42

VVN WL2 42

VVN WL 43

VVN WL 55

VVN WL 56

VVN WL 65

VVN WL 100

VVN WL 111

VVN WL2 111

VVN WL3 111

VVN WL4 111

VVN WL 112

VVN WL 113

VVN WL 115

VVN WL 116

VVN WL 117

VVN WL2 117

VVN WL3 117

VVN WL4 117

VVN WL5 117

VVN WL6 117

VVN WL 118

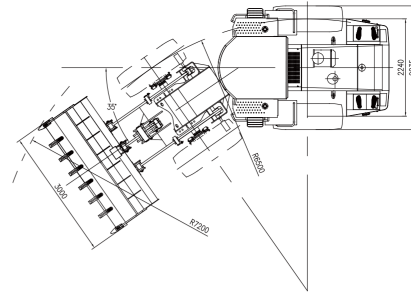
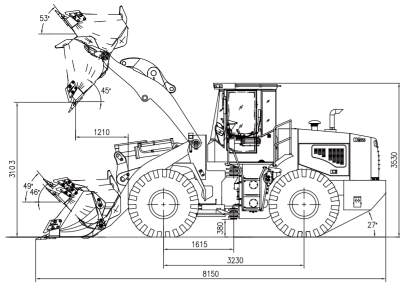
VVN WL 200

VVN WL 201

VVN WL2 201

VVN WL 118

overall specifications



Overall Data			
Bucket Capacity (m ³)	3		
Rated Payload(kg)	5000		
Operating Weight(kg)	18020±300		
Traction Force(kN)	155±3		
Breakout Force(kN)	170±3		
Travel speeds (km/h):			
	I II III IV		
Forward	6.8 13.0 23.0 36.0		
Reverse	6.8 13.0 23.0		
Engine			
	CUMMINS QSB6.7-C220		
Rated Power(kW/rpm)	164/2200		
Peak Torque(Nm/rpm)	949/1500		
Starting Voltage(V)	24		
Drive Train			
Torque Converter	Single-stage, Single-turbine, 3-element		
Torque Ratio	2.55		
Transmission	Countershaft Powershift Transmission		
Gear	4F/3R		
Pressure of Transmission(MPa)	1.6~1.8		
Main Reducer	Spiral Bevel, 1-stage Reduction		
Final Reducer	Planetary Reduction		
Tire	23.5-25 L-3 16PR		
Brake System			
Service Brake	Full Hydraulic Wet-discs Brake		
Setting Pressure (MPa)	0.78		
Parking Brake	Hydraulic Actuated Drum Brake		
Emergency Brake	Hydraulic Actuated Drum Brake		
Steering System			
Type	Hydraulic Load Sensor System		
Cylinders-Bore×Stroke(mm)	2-100×324		
Steering Pump	Gear Pump		
System Pressure(MPa)	16		
Flow Rate(L/min/rpm)	176/2200		
Steering Angle	±35°		
Hydraulic System			
Lift Cylinders-Bore×Stroke(mm)	2-180×721		
Tilt Cylinder-Bore×Stroke(mm)	1-200×563		
Model of Working Pump	Gear Pump		
Flow Rate(L/min/rpm)	220/2200		
System Pressure(MPa)	16		
Pilot Control System Pressure(MPa)	2.5		
Hydraulic Cycle Time, Rated Load In Bucket(In Second):			
Raise(Loaded)	Dump	Lower(Empty)	Total
6.0	1.0	4.0	11.0
Electrical System			
System Voltage(V)	24		
Battery (2 in series)(Ah)	120		
Lamp Voltage(V)	24		
Service Refill Capacity			
Fuel Tank(L)	285		
Hydraulic Tank(L)	285		
Crankshaft(L)	20		
Transmission(L)	45		
Front Axle(L) /Rear Axle(L)	28/28		
Air Conditioning System			
Heating Capacity(W)	5300(±10%)		
Cooling Capacity(W)	4500(±10%)		
Standard	Optional		
Automatic Leveling	Rock Bucket (K)		
ZF Transmission	Quick Change (H)		
ZF Axle			
ROPS/FOPS			
Standard Bucket			
Pilot Control			



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