



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

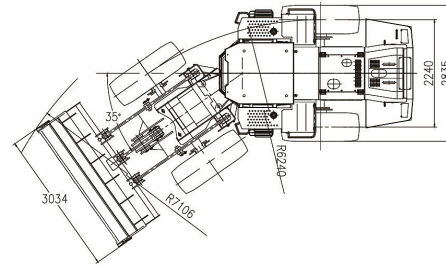
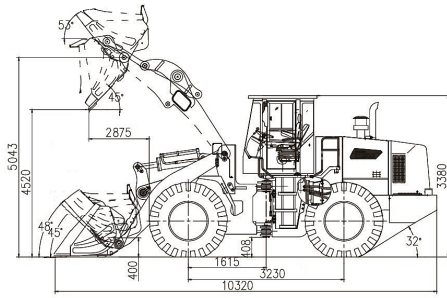
VVN WL 200

VVN WL 201

VVN WL2 201

VVN WL6 117

overall specifications



OVERALL DATA

Bucket Capacity (m ³)	3	
Rated Payload (kg)	2500	
Operating Weight (kg)	17900±300	
Traction Force (kN)	160±3	
Breakout Force (kN)	185±3	
L×W×H(mm)	10320×3034×3380	
Travel Speeds (km/h):		
	I	II
Forward	11.5	36.0
Reverse	16.0	

ENGINE

WEICHAI WD10G220E21

Rated Power (kW·hp/rpm)	162-(220)/2200
Peak Torque (Nm/rpm)	860/1400-1600
Starting Voltage (V)	24

DRIVE TRAIN

Torque Converter	Single-stage, Duo-turbine, 4-element
Torque Ratio	4.0
Transmission	Planetary Powershift Transmission
Gear	2F/1R
Pressure of Transmission (MPa)	1.2-1.5
Main Reducer	Spiral Bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	23.5-25 L-3 16PR TT

BRAKE SYSTEM

Service Brake	Single Circuit Caliper Air Brake
Setting Pressure (MPa)	0.70-0.78
Parking Brake	Air Actuated Caliper Brake
Emergency Brake	Air Actuated Caliper Brake

STANDARD

OPTIONAL

WEICHAI Engine
Lonking Transmission
Lonking Axle
Standard Bucket-3.0m ³
Pilot Control
ROPS&FOPS Cabin
Heating Radiator

Rock Bucket(K)-3.0m ³
Enlarged Bucket (N) -3.5m ³
Coal Bucket(M)-4.2m ³
High Dump& Coal Bucket(T)-4.2m ³
Side Dump(C)
Fork
Grasping Pitchfork

Snow Blade
Wood Fork(J)
High Dump(G)
4 in 1 Bucket-3m ³
Quick Change(H)
Radial Tire TT/TL
Air Conditioner/Fan Heater

STEERING SYSTEM

Type	Hydraulic Load Sensing System
Cylinders-borexStroke (mm)	2-100×324
Steering Pump	Gear Pump
System Pressure (MPa)	15
Flow Rate (L/min/rpm)	176/2200
Steering Angle	±35°

HYDRAULIC SYSTEM

Lift Cylinders-borexStroke(mm)	2-180×721
Tilt Cylinder-borexStroke (mm)	1-200×563
Model of Implement 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	1.2	3.8	11.0

ELECTRICAL SYSTEM

System Voltage (V)	24
Battery(2 in series) (Ah)	120
Lamp Voltage (V)	24

SERVICE REFILL CAPACITY

Fuel Tank (L)	245
Hydraulic Tank (L)	220
Crankshaft (L)	20
Transmission (L)	45
Front Axle (L) / Rear Axle (L)	25/25

AC SYSTEM(OPTIONAL)

Heating Capacity (W)	5800(±10%)
Cooling Capacity (W)	4500(±10%)



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