



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

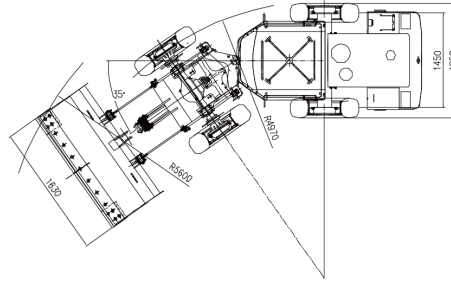
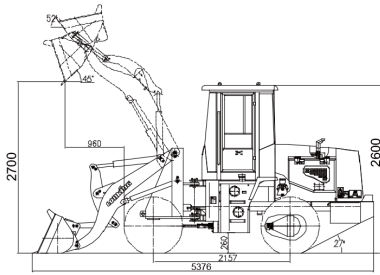


Models described in the catalog:

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 WL2 42

overall specifications



Overall Data

Bucket Capacity (m ³)	0.55
Rated Payload (kg)	1200
Operating Weight (kg)	4200
Traction Force (kN)	31
Breakout Force (kN)	36

Max. Travel Speeds (km/h):

	I	II
Forward	8.3	20.8
Reverse	7.7	19.0

Engine Changchai 490B

Rated Power (kW/rpm)	38/2400
Rated Torque (Nm/rpm)	173/1800
Starting Voltage (V)	24

Drive Train

Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	3.7
Transmission	Fixed Shaft Hydraulic Shift Spur Gear
Gear	2F/2R
Pressure of Transmission (MPa)	1.2-1.5
Main Reducer	Spiral Bevel Gear Single-stage Reduction
Final Reducer	Planetary Reduction
Tire	11.00-16

Brake System

Service Brake	Air Drive, Four Wheel Brake (Dry)
Setting Pressure (MPa)	0.78
Parking & Emergency Brake	Flexible Shaft Controlled Caliper

Standard Optional

Qingzhou Transmission	Light-duty Grapple (ZZ)
Feicheng Axle	
Standard Bucket	

Steering System

Type	Hydraulic Load Sensor System
Cylinders-BorexStroke (mm)	2-63X280
Steering Pump	Shared With Working Pump
System Pressure (MPa)	14
Steering Angle	±35°

Hydraulic System

Lift Cylinders-BorexStroke (mm)	2-80X610
Tilt Cylinder-BorexStroke(mm)	1-100X450
Working Pump	Gear Pump
Flow Rate (L/min/rpm)	120/2400
System Pressure (MPa)	16

Hydraulic Cycle Time, Rated Load in Bucket (In Second):

Raise (Loaded)	Dump	Lower (Empty)	Total
4.5	1.2	2.2	7.9

Electrical System

System Voltage (V)	24
Battery (2 in series) (Ah)	180
Lamp Voltage (V)	24

Service Refill Capacity

Fuel Tank (L)	80
Hydraulic Tank (L)	80
Transmission (L)	16
Front Axle (L) / Rear Axle (L)	8/8



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