



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

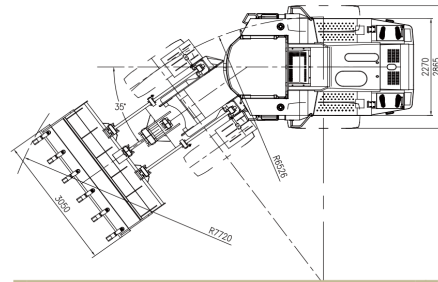
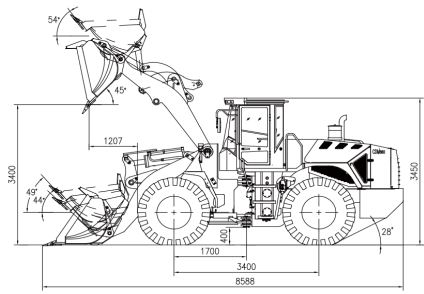


### Models described in the catalog:

|             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|
| 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 |

# VVV WL 201

## overall specifications



| Overall Data  |   |                     |              |      |
|---|---|---------------------|--------------|------|
| Bucket Capacity (m <sup>3</sup> )                             | 3.5                                     |                     |              |      |
| Rated Payload(kg)   | 6000                                    |                     |              |      |
| Operating Weight(kg)  | 21500±200                               |                     |              |      |
| Traction Force(kN)  | 172±3                                   |                     |              |      |
| Breakout Force(kN)  | 200±3                                   |                     |              |      |
| <b>Travel speeds (km/h):</b>                                  |   |                     |              |      |
|   | I                                       | II                  | III          | IV   |
| Forward   | 6.4                                     | 11.1                | 17.4         | 29.2 |
| Reverse   | 7.2                                     | 12.9                | 20.8         | 31.1 |
| Engine  |   |                     |              |      |
|   | <b>WEICHAI WD10G240E21</b>              |                     |              |      |
| Rated Power(kW/rpm)   | 175/2200                                |                     |              |      |
| Peak Torque(Nm/rpm)   | 920/1400~1600                           |                     |              |      |
| Starting Voltage(V)   | 24                                      |                     |              |      |
| Drive Train   |   |                     |              |      |
| Torque Converter  | Single-stage, Single-turbine, 3-element |                     |              |      |
| Torque Ratio  | 2.56                                    |                     |              |      |
| Transmission  | Planetary Powershift Transmission       |                     |              |      |
| Gear  | 4F/4R                                   |                     |              |      |
| Pressure of Transmission(MPa)                                 | 1.7~1.9                                 |                     |              |      |
| Main Reducer  | Spiral Bevel, 1-stage Reduction         |                     |              |      |
| Final Reducer   | Planetary Reduction                     |                     |              |      |
| Tire  | 23.5-25 L-3 20PR                        |                     |              |      |
| Brake System  |   |                     |              |      |
| Service Brake   | Duo-circuit Air Drive Brake             |                     |              |      |
| Setting Pressure (MPa)  | 0.78                                    |                     |              |      |
| Parking Brake   | Air Drive Brake                         |                     |              |      |
| Emergency Brake   | Air Drive Brake                         |                     |              |      |
| Standard  | Optional                                |                     |              |      |
| Automatic Leveling  | Coal Bucket (M)                         |                     |              |      |
| Lonking Transmission  |   |                     |              |      |
| Lonking Axle  |   |                     |              |      |
| Standard Bucket   |   |                     |              |      |
| Pilot Control   |   |                     |              |      |
| 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)                                | 2-180×864                               |                     |              |      |
| Tilt Cylinder-Bore×Stroke(mm)                                 | 1-220×626                               |                     |              |      |
| Model of Working Pump   | Gear Pump                               |                     |              |      |
| Flow Rate(L/min/rpm)  | 275/2200                                |                     |              |      |
| System Pressure(MPa)  | 16                                      |                     |              |      |
| Pilot Control System Pressure(MPa)                            | 2.5                                     |                     |              |      |
| <b>Hydraulic Cycle Time, Rated Load In Bucket(In Second):</b> |   |                     |              |      |
| <b>Raise(Loaded)</b>  | <b>Dump</b>                             | <b>Lower(Empty)</b> | <b>Total</b> |      |
| <b>6.3</b>  | <b>1.2</b>                              | <b>4.3</b>          | <b>11.8</b>  |      |
| 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)   | 5800 (±10%)                             |                     |              |      |
| Cooling Capacity(W)   | 4500 (±10%)                             |                     |              |      |



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