



RB832 WHEEL LOADER



SPECIFICATIONS

| ITEM | DATA |
|------------------|--------------------|
| Bucket Capacity | 0.8 m ³ |
| Rated Payload | 1500kg |
| Operating Weight | 5500kg |
| Traction Force | 52kN |
| Breakout Force | 35kN |
| LxWxH | 5925x2100x2950mm |



MAIN DATA

| ITEM | DATA |
|--------------------------|------------------------------|
| QUAN CHAI Engine | Pilot control Working System |
| LONKING Transmission | Standard Working Equipment |
| LONKING Torque Converter | Air Conditioner |
| Dry Brake Drive Axle | |



BRAKE SYSTEM

| ITEM | DATA |
|------------------|-----------------------------------|
| Service Brake | Air Drive, Four Wheel Brake (Dry) |
| Setting Pressure | 0.78MPa |
| Parking Brake | Flexible Shaft Controlled Caliper |



TRANSMISSION SYSTEM

| ITEM | DATA |
|--------------------------|--|
| Transmission Type | Countershaft Powershift |
| Shift Type | Fixed Shaft Hydraulic Shift Spur Gear |
| Pressure of Transmission | 1.1-1.5MPa |
| Gear | 2F/2R |
| Torque Converter | Single-stage, Single-turbine, 3-element |
| Torque Ratio | 3.13 |
| Main Reducer | Spiral Bevel Gear Single-stage Reduction |
| Final Reducer | Planetary Reduction |
| Tire | 16/70-20 |
| Travel speed-Forward | 8/20km/h |
| Travel speed-Reverse | 8/20km/h |



STEERING SYSTEM

| ITEM | DATA |
|-----------------|------------------------------|
| Type | Hydraulic Load Sensor System |
| Steering Pump | Shared With Working Pump |
| System Pressure | 14 |
| Steering Angle | ±30° |



HYDRAULIC SYSTEM

| ITEM | DATA |
|------------------|------------------|
| Type | Pilot control |
| Working Pump | Gear Pump |
| Flow Rate | 120L/min·2400rpm |
| Control Valve | 2 Spool |
| System Pressure | 16MPa |
| Cycle Time (Sec) | 8.2 |



ENGINE

| ITEM | DATA |
|--------------------|------------------------------|
| Manufacturer/Model | YUNNEI / YN38GB1 (Nation II) |
| Rated Power | 65 kW/ 2400rpm |
| Rated Torque | 281N·m/1400-1600rpm |



ELECTRIC SYSTEM

| ITEM | DATA |
|-----------------------|---------|
| System Voltage | 24V |
| Battery (2 in series) | 2x90 Ah |



REFUELING CAPACITY

| ITEM | DATA |
|------------------------|------|
| Fuel Tank | 90L |
| Hydraulic Tank | 65L |
| Transmission | 19L |
| Front Axle / Rear Axle | 24L |



OVERALL DIMENSIONS

| ITEM | DATA |
|---------------------------------------|---------|
| A. Bucket Pin Height at Max. Lift | 4020 mm |
| B. Dump Clearance at Max. Lift (45°) | 3300 mm |
| C. Reach at Max. Lift and 45° Dump | 845 mm |
| D. Ground Clearance | 330 mm |
| E. Center Line of Front Axle to Hitch | 1060 mm |
| F. Wheel Base | 2370 mm |
| G. Overall Length | 5925 mm |
| H. Height to Top of Cab | 2950 mm |
| I. Overall Width over Bucket | 2100 mm |
| J. Width at Tread Center | 1675 mm |
| K. Overall Width over Tires | 2085 mm |

