

TH955T

Rated Power: 162kW@2000rpm

Rated Load: 5000kg

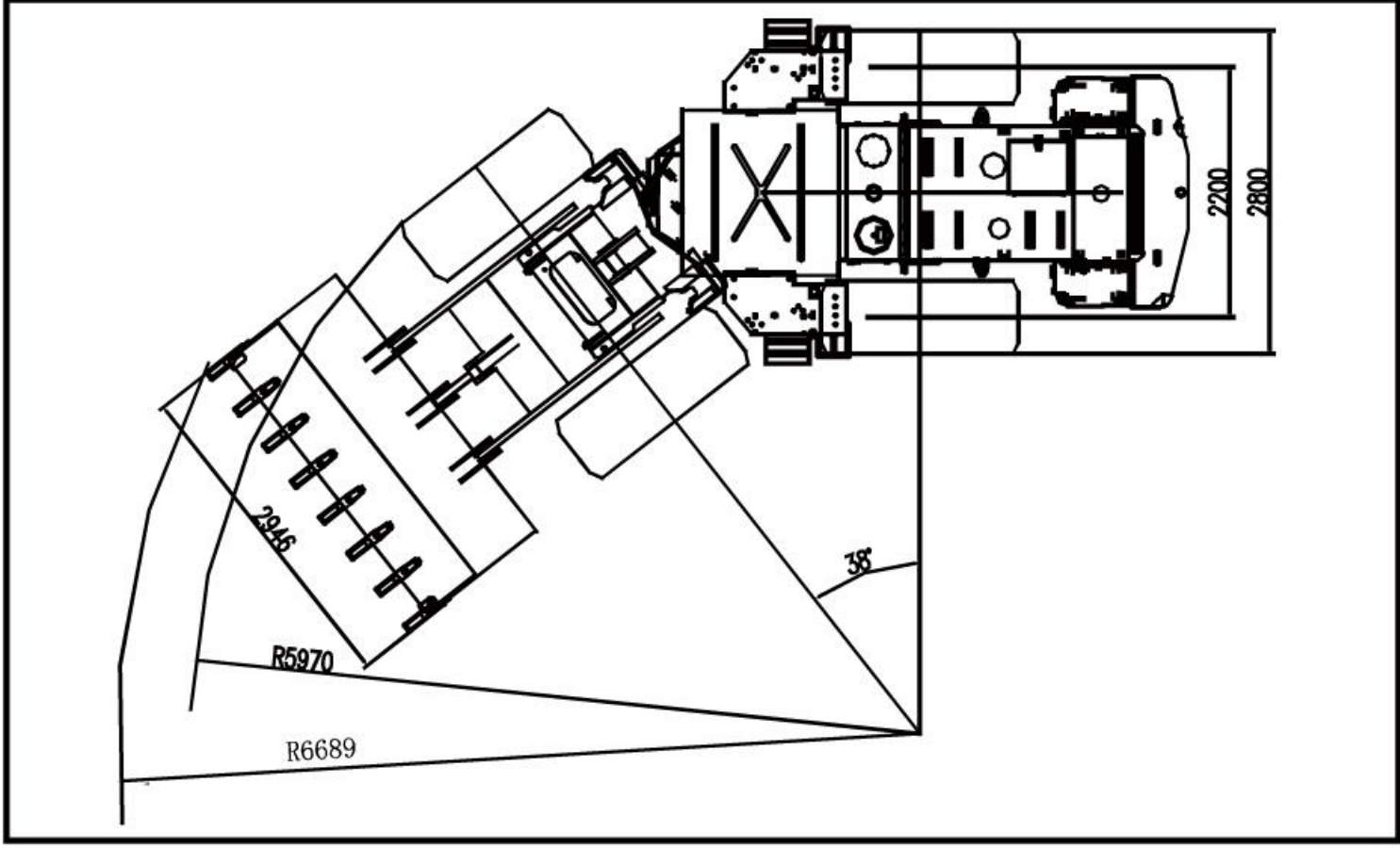
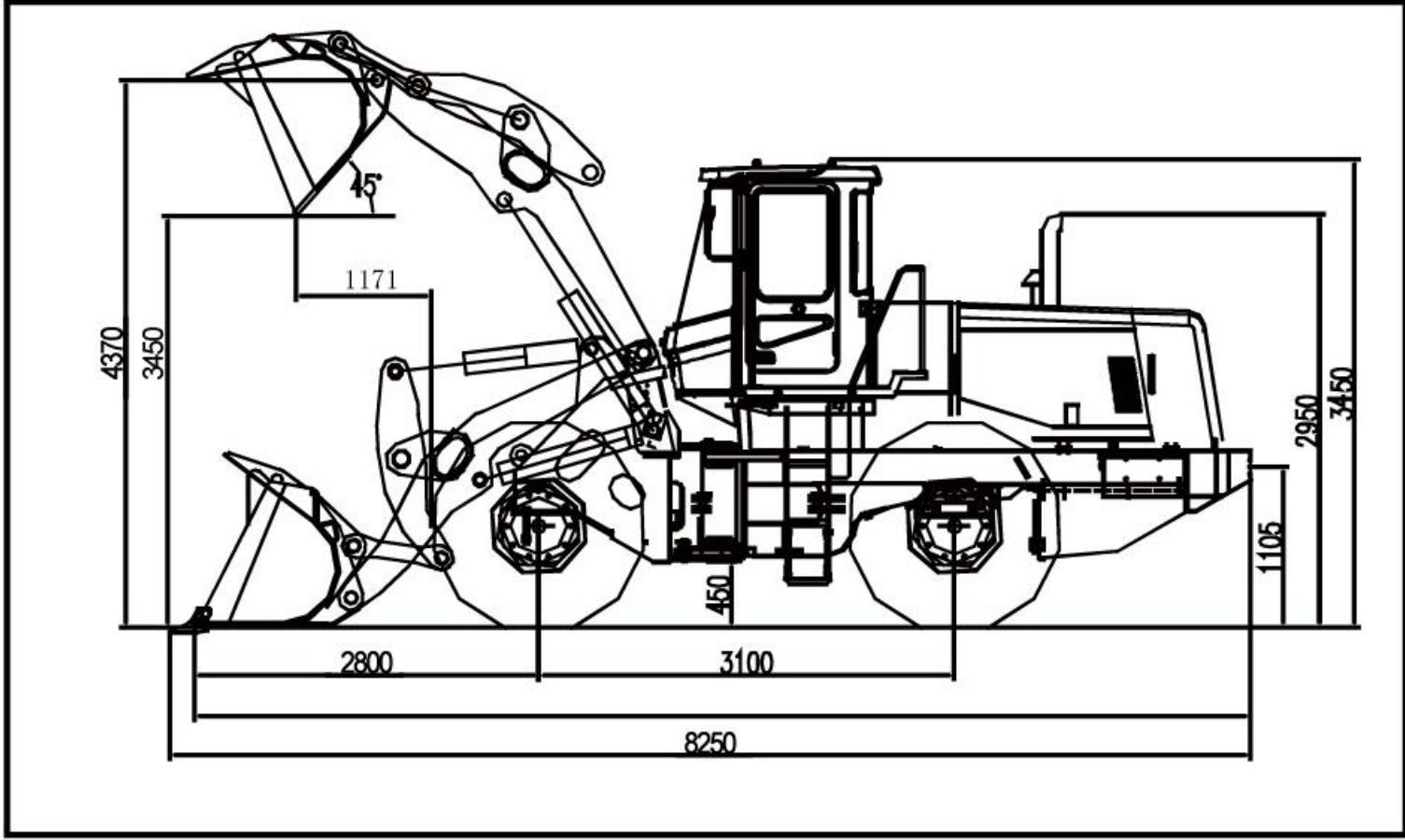
Operating Weight: 16500kg

Rated Bucket Capacity: 3.1m³

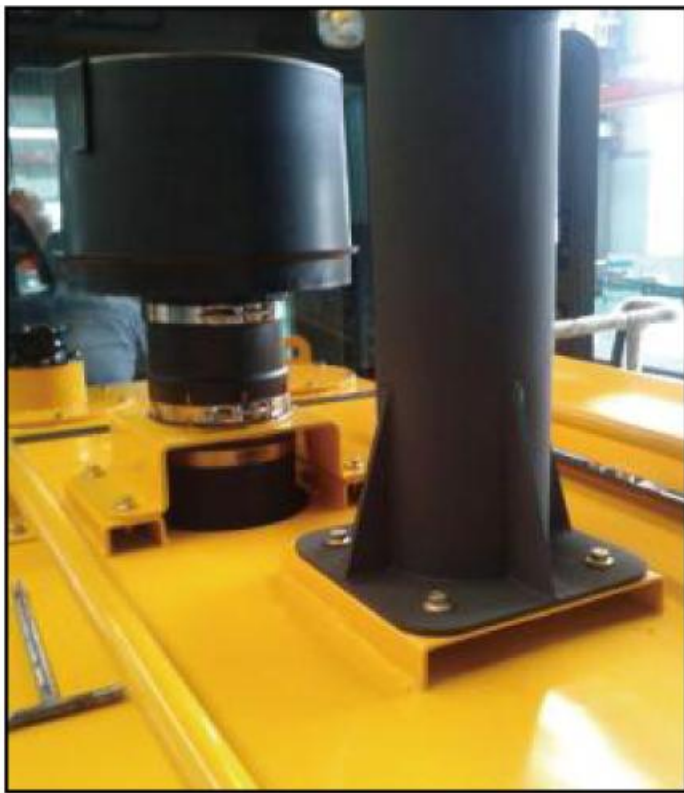
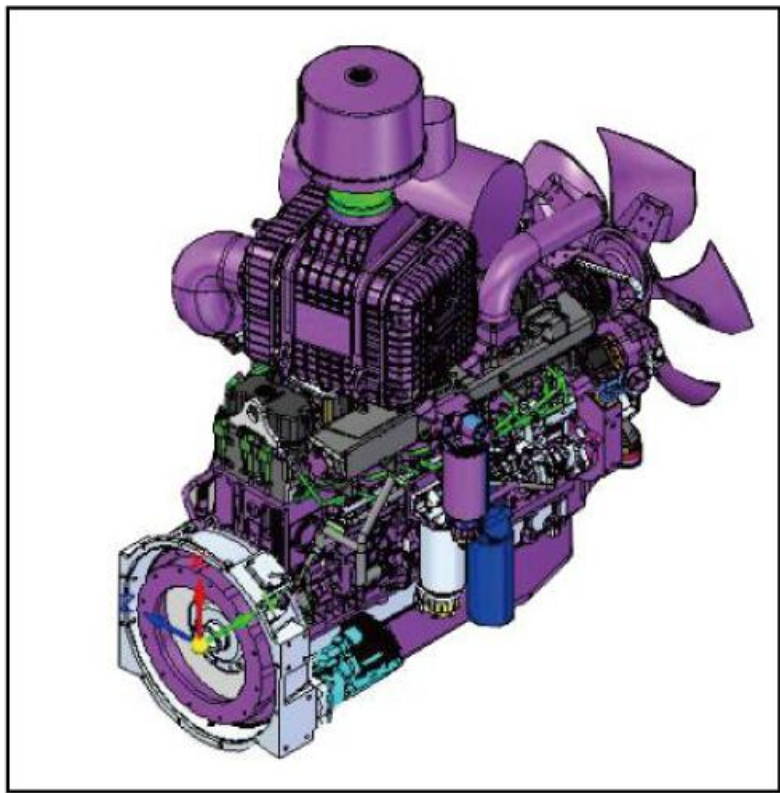


- Equipped with reliable Weichai engine.
- 2 forward & 1 reverse power shift transmission.
- Combined seal cylinder obtains high seal performance and more reliability.

MAIN SPECIFICATIONS



Best Power Performance



- Equipped with WeiChai engine with strong power, low consumption and good performance.
- The swirl type prefilter provides good filtering effect and it is fixed hierarchically with high reliability.
- Equipped with planetary gearbox and twin turbo T/C, it has much popularity in market and convenience in spare parts.

Ultrastrong Heat dissipation system



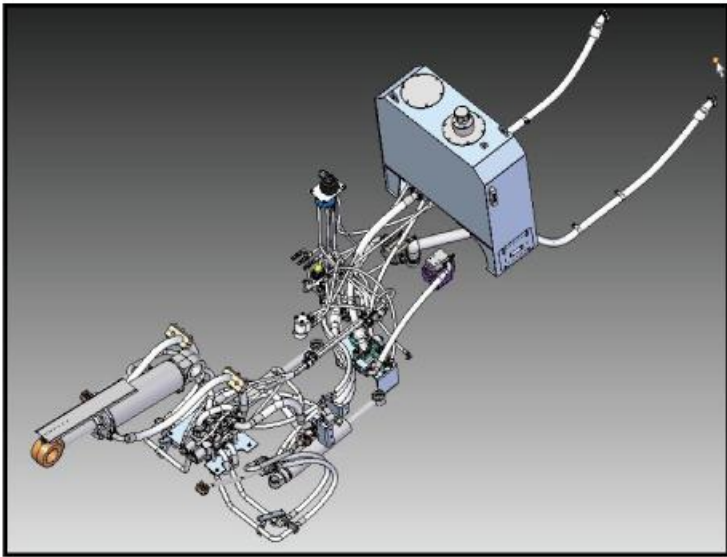
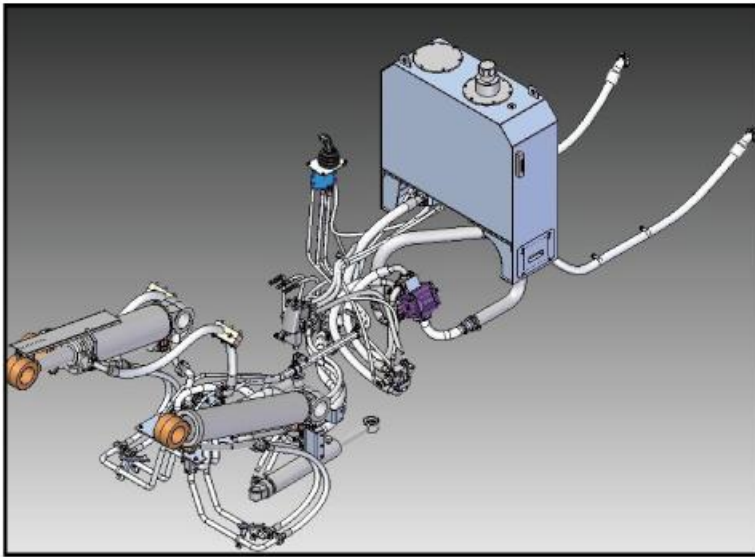
- The wind scooper is designed as oblique incision, which adds the wind girder and guarantees the stable wind capacity and pressure, helps the degree reach to 55° in extreme environment.
- Throttling design and working hydraulic radiating helps improve the efficiency of radiating. The temperature keeps down blow 85°, which improves the reliability of hydraulic system.

Comfortable Cabin



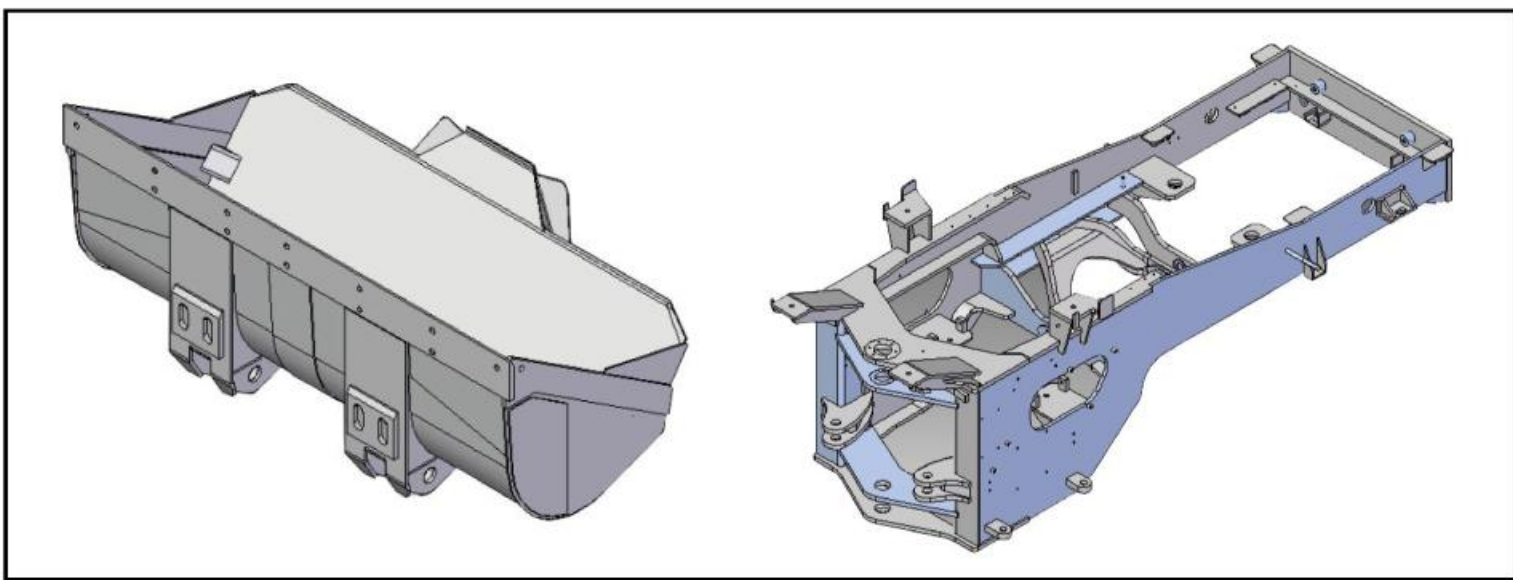
- Cabin featured luxury interior decoration and beautiful appearance and good eyeshot.

High Efficiency Hydraulic System



- The standard configuration is flexible shaft in enclosed construction design, which has a good effect of dust prevention.
- The pilot system adopts the accumulator scheme to reduce the power loss of the system.
- The pilot accumulator is installed in the right auxiliary box for maintenance.
- Selecting the distribution system, the configuration switch to the limiter, reducing the system shock.
- The flow amplification valve is positioned in the center of the frame to facilitate maintenance.

Optimized bucket and chassis



- The optimized bucket has improved the full bucket rate. And there is a backplane added to the bucket rear to prevent the material spilling.
- The design of chassis has been upgraded to make lighter weight but bigger load bearing.

The specifications and pictures are subject to change without any notice.

MAIN SPECIFICATIONS



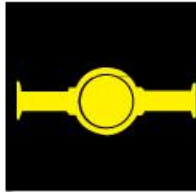
Engine

Model	WEICHAI WD10G220E23 WP10G220E343
Type	6 Cylinder, 4 Stroke, Direct Injection, Mechanical /Electrical Pump
Rated Power	162kW@2200rpm
Displacement	9.726L
Max.Torque	900N.m/980N.m@1400rpm



Transmission System

Torque converter type	Twin-turbine four.elements
Cooling ways	Oil cooling . Pressure circulating
Transmission type	Planetary shift hydraulic
Shifts(Forward/reverse)	F2/R1
Forward traveling speed km/h	11.7 40.3
Reverse traveling speed km/h	15.9



Axles and Main Drive

Drive system	four-wheel diving
Main drive type	one spiral bevel gear. stllge,one-stage
Gear ratio	4.625
Hub reduction	planetary gear tow-stage
Gear ratio	4.928
Max. grade ability	30°



Steering System

Type	Middle articulated frame.Co-axis flow amp.steering
Steering angle	±38°
Min.steering radius	5970mm
Displacewent of redirecter	1000ml/r
Mode of steering pump	gear pump
Steering cylinders inner Bore x Stroke	2-Ø90x400mm
Operation pressure	16MPa



Brake System

Travel brake type	Single-pipeair over hydraulic caliper disc
Brake,activate	4-wheel brake
Service brake type	Flexible Shaft



Working Hydraulic System

Type	Mechanical control,Pilot control optioal
No.of Cylinders-BorexStoke Ø	
Lift cylinder	2-Ø160x705mm
Dump cylinder	1- 180x530mm
System operation pressure	19MPa
Lifting time	6.2s
Lowering time	3.8s
Dumping time	1.8s



Tyre

Choose suitable tyre according to situations	
Standard tyre	23.5-25-16PR
Tyre pressure	0.274-0.294MPa



Refill Capacity

Fuel tank	280L
Engine crank case	24L
T/C and Transmission	45L
Hydraulic tank	240L
Axles main drive	2x18L
Hub reduction	4x3.5L
Brake system	2x1.5L



Work Equipment

Strong Z-bar structure provides strong breakout force.	
Dumping clearance (at dumping angle 45°)	3450±10mm
Dumping reach (at dumping angle 45°)	1171±10mm
Tipping load full turn	10000kg

