

FL955F-II

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WHEEL LOADER



FOTON LOVOL

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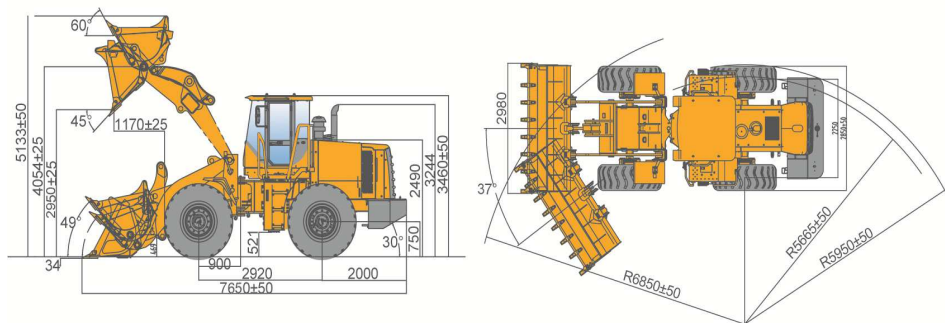
Specifications and designs are subject to change without prior notice.

Machines shown may include optional parts.

The above parameters are subject to change without notice, the illustrations in text is not always the type of standard models.

ADHESIVE FOR DEALER CONTACT

SPECIFICATIONS			UNITS	FL955F-II
Main Specifications	Rated Load		kg	5000
	Operating Weight(Standard)		kg	16590
	Bucket Capacity		m³	3.0
	Boom Lifting Time		S	5.57
	Total Cycle Time		S	10.2
	Max.Traction Force		kN	≥ 160
	Max.Breakout Force		kN	≥ 175
	Overall Dimension		mm	7650×2980×3460
Engine	Model		—	WEICHAI WD10G220E23
	Type		—	Six cylinder in line, direct injection, Turbo charged and water cooled
	Horsepower		kW/rpm	162/2000
	Peak Torque/Speed		N·m/rpm	900//
	Bore×Stroke		mm	Φ126/130
	Displacement		L	9.726
	Fuel consumption in rated working condition		g/kW·h	210.5
	Fuel Tank		L	280
Drivetrain	Travel Speed	Forward	km/h	42
		Reverse	km/h	17.5
	Gear Shift		/	F2/R1
	Max.Gradeability		°	30
	Steering Angle		°	37° ±1° for each side
	Tire		—	23.5-25
	Service brake		—	single circuit, air over hydraulic , four-wheel ,caliper disc dry brake
	Parking brake		—	Flexible shaft controlled drum brake
Hydraulics	Min. Turning Radius	Center of Outside tire	mm	5665
		Outside of the bucket	mm	6850
	Working System Pressure		Mpa	18
	Working System Displacement		ml/r	100
	Steering System Pressure		Mpa	16
Performance Data	Wheelbase		mm	2920
	Wheel Tread		mm	2250
	Min.Ground Clearance		mm	480
	Dump Height – fully raised,45° dump		mm	2950
	Dump Reach – fully raised,45° dump		mm	1170



Allied attachments



General Purpose
Bucket 3.0m³
[Standard arm]



Coal Bucket
3.0m³
[Standard arm]



Side Dump Bucket
2.3m³
[Standard arm]



Grass Grapple
2360mm
[Standard arm]



Log Grapple
1633m
[Standard arm]

Features of FL955F-II



■ Equipped with Weichai-STEYR engine which is powerful, environmental and economical.



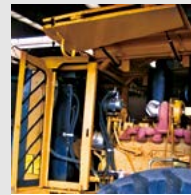
■ Mature Shantui torque convertor and excellent Hangchi power shift transmission, which endowed the wheel loader with simple structure and reliable quality. Dry-brake axle is manufactured by FOTON LOVOL with excellent performance.



■ Triangle-pump flow-converging hydraulic system offers energy and high efficiency in idle speed. Rotatable hydraulic oil tank favors maintenance for pump and valve. 24° taper seal accompanied by O-ring face seal provides durable leak-free connection.



■ Flat glass and 360° view cab offer a full scene. Optional safety cab, which passed FOPS&ROPS test, guarantees the safety of operator.



■ Side opening hood with gas spring makes daily checking easier. The radiator utilizes two-layer layout to allow better air flow. The adaptation to high working condition is improved, allowing normal work under 50°C .



■ Optimized A/C system with significant performance. Independent radiation enables the condenser a better cooling effect. Space in cab is enlarged after evaporator was moved outside of the cabin.



■ Water-proof plug connector improves reliability of electrics.



■ Separated by a sleeve, the axial movement of the two bearings is strictly controlled, thus prolongs durability of the hitch by 50%.



■ Bucket blade is made from the special advanced material with outstanding performance on wear resistance testing. More durable reliability comes from co-operating with one of the first level manufacture in China.



■ New designed hood in front axle protects brake caliper from sand or stone when loading. Thus could reduce abrasion of brake caliper.