

SUMMIT 958

220HP 19T Wheel Loader

Product Advantage

- Reliability: Sturdy frame design for heavy duty, Genuine Cummins Engine, ZF Gearbox & Meritor Axles
- Productivity: 1st with bigger force and 2nd gear with fast speed conjoint useage deliver high productivity. Auto to ready function save your time for operation
- Fuel consumption: Low speed engine, E-fan and flow shared hydraulic system make lower fuel consumption
- Comfortable: Good visibility cab and low noise design with first class premium 5 directions adjustable seat make comfortable operation



Comes With



Hydraulic Quick Hitch



3.5m³ GP Bucket(Teeth/Secondary Cutting Edge)



Pallet Forks

Machine Applications

- Landscaping, building, sewer/water in, local construction
- Ready mix cement/concrete products, quarry/stone, clay, recycled aggregate, sand and gravel
- Highway, street, tunnel, airport, residential commercial



Work Tool Options



3m³ 4 in 1 Bucket



Grapples

Can also fitted with:

- Stick rakes
- Stone bucket
- Jib
- Hay forks
- Augers
- Rippers

And much more...

Speak to our friendly staff to find our more

Brands We Use



A Caterpillar Brand



Engine

- Low speed engine and E-fan make fuel consumption better
- 3 stage air cleaner with 93% efficiency pre cleaner reduce earlier wearing, high efficiency fuel filter make engine work in good condition
- Cat technology damping mount reduce vibration failure



Efficient Hydraulic System

- Excellence modulation performance implement valve with mechanical control, make operation more accurately
- Full hydraulic load sensing steering and flow shared system save fuel and raise productivity, hydraulic cycle time is only 9.3s
- Word class pump and Cat technology lines routing deliver better reliability



Operator Station

- Mould formed cab with all trims design and more vents with HVAC make operator feel better
- First class premium seat with suspension adjustable, arm rest and safety belt. Up-down, forward and reverse adjustable
- Cat technology damping mount reduce vibration failure
- Slide window, fresh air inlet system make environment better



Drivetrain

- Genuine ZF transmission provides smooth, quiet, reliable and high efficiency driving experience
- One stage and 3 element torque converter deliver higher efficiency
- 1st gear higher draw bar and 2nd gear faster speed make penetration easier and move material faster



Cooling System

- High performance aluminum cooling package suitable for most of severe applications
- Oil cooler and radiator parallel design can balance heat load inside and suitable diversity applications
- Damping design reduce vibration failure



Solid Structure

- Validated by FEA(Finite Element Analysis) and OMSA(On Machine Stress Analysis)
- Middle articulation frame less work space needed and reduce tire resistance
- Large spread hitch design in articulation section can stand more load



Serviceability

- Large wing hood door make service easier, approach to air cleaner, fuel filter and oil filter
- Large spread hitch design in articulation section make operator easier to approach



Safety

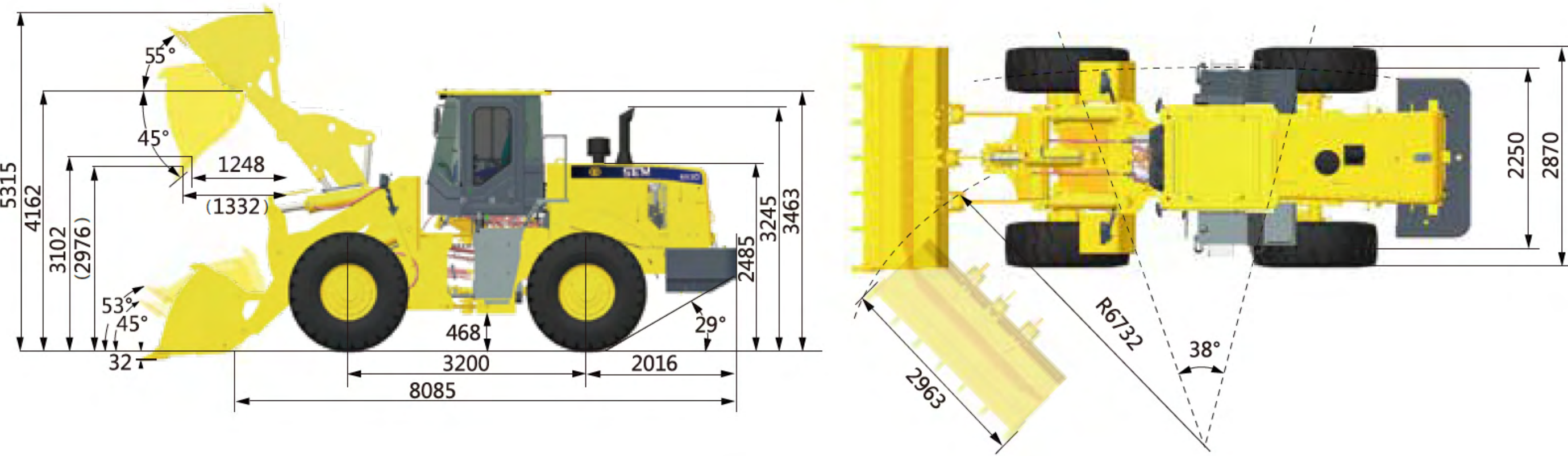
- Certified ROPS FOPS Cabin
- High decibel Beacon and backup alarm make person around easy to attention
- 3 stage alarm system on panel
- 3 touch points entering and exiting cab make operator more safe



Main Specifications

Items			SUMMIT 958	Items	SUMMIT 958	
Main Specifications				Engine Brand	DCED CUMMINS	
Rated Load	kg	5,800		Model		6CTA8.3-C220-II
Operating Weight with Standard Bucket	kg	19,000		Rated Power	kW/HP	162/220
Bucket Capacity	m³	3.5		Rated Speed	r/min	2,000
Wheel Base	mm	3,200		Displacement	L	8.3
Overall Dimension Without Attachment	mm	8,085*2,963*3,463		Hydraulic & Fuel		
Max. Drawbar Force	KN	171		Working Pump		Permco Gear Driven Hydraulic Pump
Breakout Force	KN	177		Boom Raise Time	s	5.1
Dump Clearance	mm	3,300		Fuel Type	s	Diesel
				Fuel Tank Capacity	L	200
Transmission				Brake System		
Transmission Type		Electronic power shift		Service Brake		Dry&caliper,air to oil control
Transmission Gears		F4/R3		Parking Brake		Drum/shoe
Torque Converter Type		Single stage, 3 elements		Steering System		
Maker & Type		ZF 4WG-200		System Type		Shared flow
Forward I/Reverse I		7.9/7.9		Steering Orbital		EATON Steering Orbital
Forward II/Reverse II		14/14		System Pressure Setting	Mpa	16
Forward III/Reverse III		22.9/22.9		Steering Angle (L/R)		38±1
Forward IV/Reverse IV		39.4/39.4		Tires		
Axle		Brand: Meritor		Size		26,5-25
Main Drive Type		Spiral bevel gear, single stage		Type		PR
Final Drive Reduction Type		Planetary type,single stage		Layer		28
Rear - Oscillating +/-		±11		Textured Type		L-3/E-3

Machine Dimensions



► Note: the above dimensions are based on the standard configuration.

