

# ST953

## WHEEL LOADER

# SUTE MACHINERY

### Optional equipment

- ◇ Loose material bucket, rock bucket
- ◇ ROPS(roller protective structure), FOPS(Fall protective structure)
- ◇ cool & warm type A/C, warm –wind type, Pre–heating system, Radio
- ◇ Various implements log fork loader(ST953J), side–dump loader(ST953C), Longer–dump loader(ST953L)
- ◇ Shanghai C6121ZG09E diesel engine 162KW/2200r/min, or Cummins engine 6CTA8.3 –C215



SUTE MACHINERY

XIAMEN SUTE CONSTRUCTION MACHINERY CO., LTD.

# ST953

## WHEEL LOADER

### Main Features

- ◆ Equipped with Styre diesel engine, which is of excellent performance and reliability;
- ◆ Single stage, 4 elements (double turbine) converter enable continuously variable transmission, make it stable to start and easy to control;
- ◆ Power shift transmission, implement hydraulic system. easy and low-effort control ;
- ◆ Z-bar loader linkage is capable of high breakout force and high dump height.
- ◆ All-wheel, dual-line, disc-caliper-type brakes, rear mounted air reservoirs, ensure safety and reliability;
- ◆ Integral openable hood, make it easy to maintain engine.

### 性能参数及外观尺寸

#### Performance parameter and outer dimension

Operating weight	16.1± 0.5T
Rated load	5T
Bucket capacity	3m <sup>3</sup>
Engine model	WD 10G 220E21
Rated engine power	162KW
Rated rotate speed	2200r/min
Max. torque	745.3N.m
Breakout force	145KN
<b>行驶速度 Driving speed</b>	
Forward	0- 11.5km/h
Forward	0- 38km/h
Reverse	0- 16km/h
Gradeability	28°
Overall length	7310mm± 20mm
Overall width	2870mm± 20mm
Overall height	3220mm± 20mm
Bucket width	2990mm± 10mm
Wheel base	2760mm± 15mm
Track base	2260mm± 10mm
Min. ground clearance	450mm
Max. dumping height	2990mm± 30mm
Max. dumping reach	1290mm± 20mm
Torque converter	Single stage, 4elements
NO. of shifts	2/ 1 Forward 2/Reverse 1
Transmission	Planet- type
Raise time	6.8s
Total	12.5s
Tyre type	23.5- 25

Note: The design condition for working device of ST953L is to load and unload light loose materials whose specific gravity is less than 1.05t/m<sup>3</sup>; The bucket capacity is 3.3m<sup>3</sup>. The rated load can not be exceeded 3.5t, if that, some serious damage or accident will happen to cause casualties, pay attention to it, please