

**SHANTUI**  
VALUE THAT WORKS

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**SL30W(N) Loader**

## Technical Features

- The engine adopts environmental-friendly Weichai Deutz WP6G125E22 or FAW Wuxi Diesel CA6DF1D-12GAG2 engine, featuring strong power, reliable performance, and high efficiency and energy-saving.
- It's equipped with Shantui's single-stage single-phase three-element torque converter and fixed shaft power shift transmission for power transmission, featuring good power matching, stable motion, and more powerful operations. The split structures ease the repairs and maintenances. The speed choice of four forward gears and two reverse gears is suitable for diversified severe industrial and mining conditions and realizes faster movement.
- The optimized 3,057mm dumping height, which is the highest in the industry, guarantees the excellent loading performance and ensures the carrying of higher torsional torque, featuring extensive loading/unloading scope and high efficiency. The automatic leveling function of the bucket and the 9.5s total cycle time, which is the lowest in the industry, reduce the driver's labor strength.
- The optimized 2,700mm wheelbase guarantees outstanding site adaptability and flexibility and the operation stability to fulfill the loading and unloading operations with ease.
- With the adoption of finite element analysis optimization and the utilization of plate structure and automatic robot welding, the structural parts of the main machine feature high resistance against load and distortion, high firmness and compactness, and good stability.
- With the 12° vertical swing design for swing frame, the loader can ensure more effective ground touch while driving on rugged roads, featuring higher adhesion and better stability and trafficability.
- The double-positioning articulated structure of proprietary technologies is adopted for the front and rear frames, featuring reliable operations and convenient maintenances.
- Multiple working devices, including timber grab, bale grab, coal bucket, side dumping bucket, and quartering hammer, are at your choice.

## Performance Parameters

Length × width × height (mm)	7170×2484×3235	Engine model	Weichai WP6G125E201
Rated power/speed(kW/rpm)	92/2000	Operating weight (kg)	10300
Wheelbase (mm)	2700	Operating weight (t)	3
Standard bucket capacity (m <sup>3</sup> )	1.7	Dumping reach (mm)	Standard boom: 955 Extended boom: 906 Long boom: 886
Dumping height (mm)	Standard boom::2875 Extended boom:3057 Long boom:3200		