



# SL SERIES WHEEL LOADER

SUNWARD

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Please read the operation and maintenance manual carefully first for proper use of the equipment. Sunward will make continual improvement, however, it may not be possible for us to inform you of all improvements to the products. This illustration is only used for reference and will be finally interpreted by Sunward.  
Internal Use Only

# SL37W

As a wheel loader with a rated load of 3 tons, SL37W is equipped with a single rocker arm Z-type reversing mechanism. With optimized design of working device and large breakout force, it is an energy efficient and cost-effective model especially suitable for bulk material conditions. By changing different accessories, it can be applied to various working conditions such as rear fork, grass grasping, and log grasping.



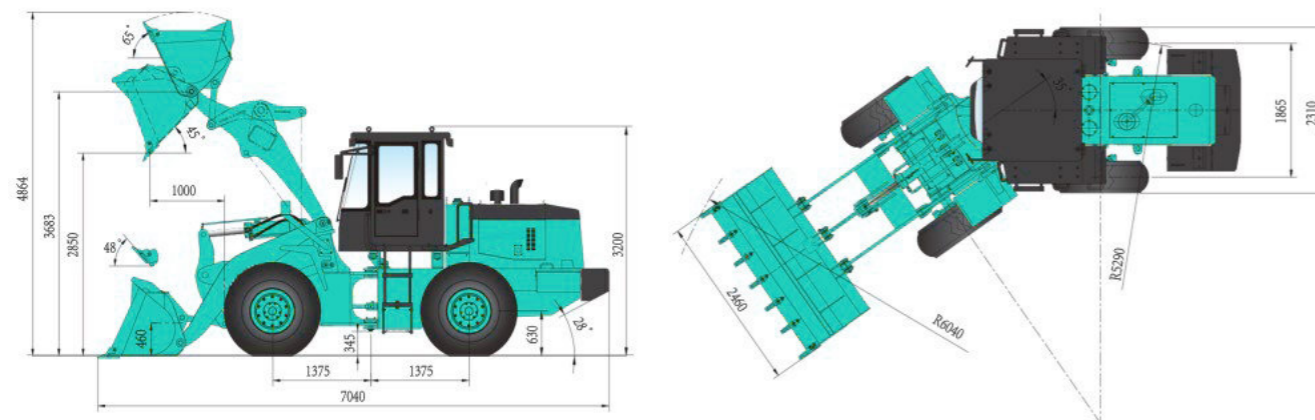
### Standard configuration:

- ◆ Weichai WP6 National III electronic-controlled engine
- ◆ Shantui counter-shaft power-shift transmission, single turbo three-element torque converter
- ◆ Shandong Yunyu drive axle
- ◆ Intelligent instruments and heater unit

### Optional configuration:

- ◆ Cooling/heating & cooling air conditioner
- ◆ Laiyang axle
- ◆ Pilot controls
- ◆ Optional auxiliary knife board

ITEMS		UNIT	PARAMETERS
Total weight		kg	10300
Rated load		kg	3000
Capacity of bucket		m <sup>3</sup>	1.7
Dumping height		mm	2850
Dumping reach		mm	1000
Maximum traction		kN	≥95
Maximum breakout force		kN	≥100
Overall dimensions (L×W×H)		mm	7040×2460×3200
Lifting time of movable arm		s	≤5.5
Total cycling time		s	≤10.5
Wheel base		mm	2750
Minimum turning radius (outer edge of bucket)		mm	6040
Rated power		kw	92
Driving speed	Forward gear I/II	km/h	0~7/0~13
	Forward gear III/IV	km/h	0~24/0~36
	Reverse gear I/II	km/h	0~9/0~29
Fuel tank capacity		L	180
Hydraulic tank capacity		L	180



# SL38W

With a rated load of 3.5 tons, SL38W is a compound performance optimized product combining shoveling, transportation, loading and dumping applies to multiple working conditions. It is equipped with a single rocker arm Z-type reversing mechanism, with the perfect matching of engine speed, traction, pump flow, lifting time and other main parameters it achieves high operation efficiency with low oil consumption.



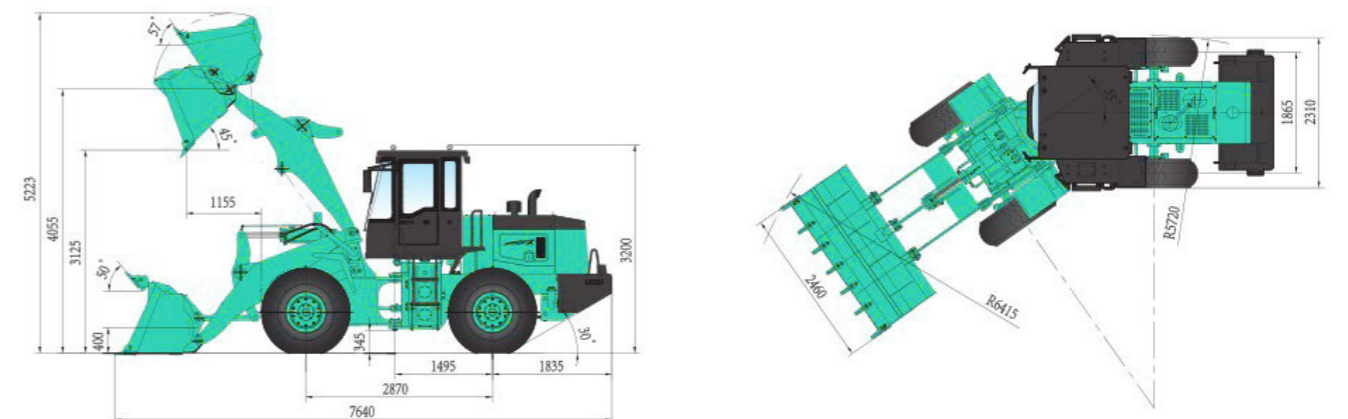
### Standard configuration:

- ◆ Weichai WP6 National III electronic-controlled engine
- ◆ Jingong 50 planetary power-shift transmission, singlestage four-element twin-turbo torque converter
- ◆ Shandong Yunyu drive axle
- ◆ Intelligent instruments and heater unit

### Optional configuration:

- ◆ Cooling/heating & cooling air conditioner
- ◆ Pilot controls
- ◆ Quick change device
- ◆ Laiyang axle
- ◆ Log grasper
- ◆ Optional auxiliary knife board

ITEMS		UNIT	PARAMETERS
Total weight		kg	11500
Rated load		kg	3500
Capacity of bucket		m <sup>3</sup>	2.0
Dumping height		mm	3125
Dumping reach		mm	1155
Maximum traction		kN	≥100
Maximum breakout force		kN	≥95
Overall dimensions (L×W×H)		mm	7640×2460×3200
Lifting time of movable arm		s	≤5.5
Total cycling time		s	≤10.5
Wheel base		mm	2870
Minimum turning radius (outer edge of bucket)		mm	6415
Rated power		kw	105
Driving speed	Forward gear I	km/h	0~11
	Forward gear II	km/h	0~38
	Reverse gear I	km/h	0~16
Fuel tank capacity		L	210
Hydraulic tank capacity		L	210



# SL55W

The SL55W wheel loader has been comprehensively upgraded to a model with high-strength structure, double rocker arms and short wheel base. With the integration of the product advantages of energy conservation and environmental protection, operation flexibility and efficiency, the performance, reliability, operator comfort, energy saving performance of the whole machine have been comprehensively improved.

## Standard configuration:

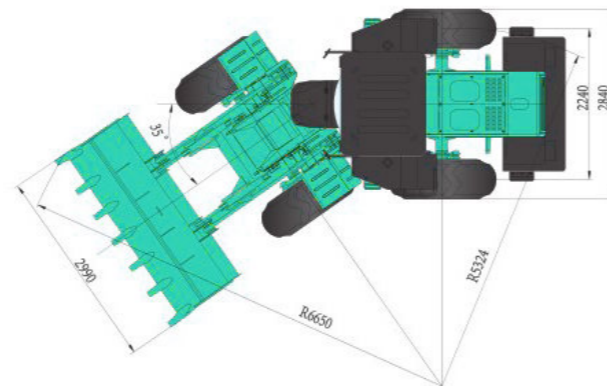
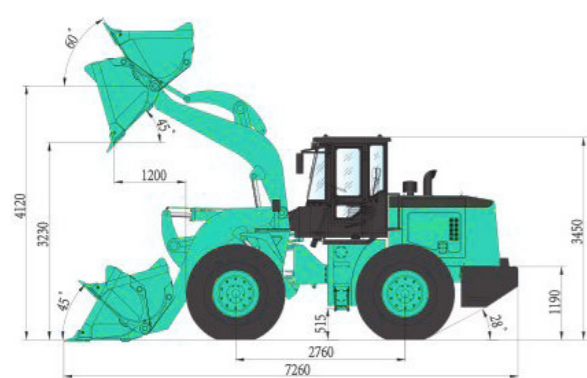
- ◆ Weichai WP10 National III low speed engine
- ◆ Jingong low speed planetary power-shift transmission, single-stage four-element twin-turbo torque converter
- ◆ Jingong self-made 50 drive axle
- ◆ New aluminum water tank with intercooler, torque converter oil cooler and hydraulic oil cooler



## Optional configuration:

- ◆ Cooling/heating & cooling air conditioner
- ◆ Pilot controls
- ◆ Optional auxiliary knife board
- ◆ Self-made reinforced axle
- ◆ Automatic weighing device

ITEMS		UNIT	PARAMETERS
Total weight		kg	16200
Rated load		kg	5000
Capacity of bucket		m <sup>3</sup>	2.7
Dumping height		mm	3230
Dumping reach		mm	1200
Maximum traction		kN	≥160
Maximum breakout force		kN	≥145
Overall dimensions (L×W×H)		mm	7260×2990×3450
Lifting time of movable arm		s	≤6.3
Total cycling time		s	≤11
Wheel base		mm	2760
Minimum turning radius (outer edge of bucket)		mm	6650
Rated power		kw	162
Driving speed	Forward gear I	km/h	0~11.5
	Forward gear II	km/h	0~36
	Reverse gear I	km/h	0~16
Fuel tank capacity		L	270
Hydraulic tank capacity		L	270



# SL56W

SL56W wheel loader is a newly developed multifunctional compound loader. Among similar models, with the advantage of medium wheel base, it can retract and extend freely in various working conditions such as coal mine, earthwork, sand and gravel, and primary soil.

## Standard configuration:

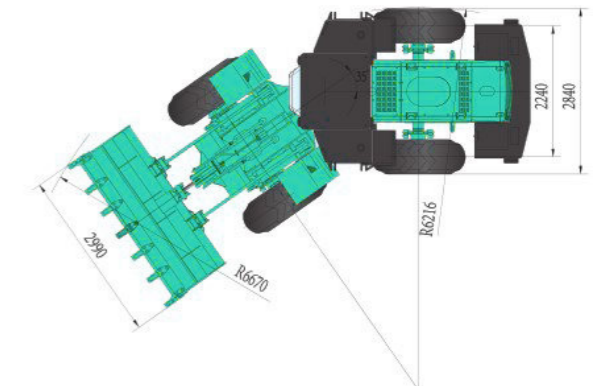
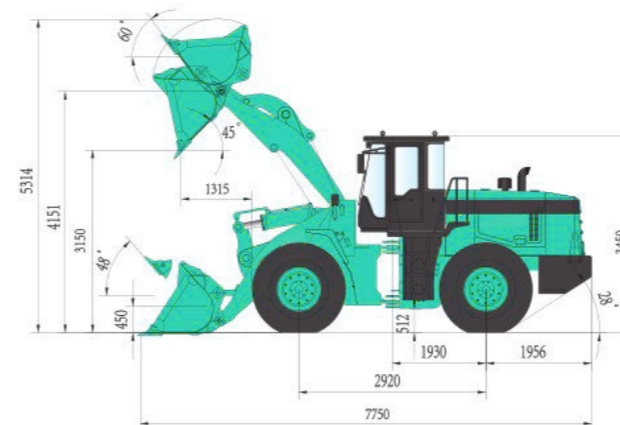
- ◆ Weichai WP10 National III low speed electronic-controlled engine
- ◆ Jingong low speed planetary power-shift transmission, singlestage four-element twin-turbo torque converter
- ◆ Jingong self-made reinforced drive axle
- ◆ New aluminum water tank with intercooler, torque converter oil cooler and hydraulic oil cooler



## Optional configuration:

- ◆ Cooling/heating & cooling air conditioner
- ◆ Pilot controls
- ◆ Automatic weighing device
- ◆ Optional auxiliary knife board

ITEMS		UNIT	PARAMETERS
Total weight		kg	16850
Rated load		kg	5000
Capacity of bucket		m <sup>3</sup>	2.7
Dumping height		mm	3150
Dumping reach		mm	1315
Maximum traction		kN	≥163
Maximum breakout force		kN	≥168
Overall dimensions (L×W×H)		mm	7750×2990×3450
Lifting time of movable arm		s	≤5.5
Total cycling time		s	≤10.5
Wheel base		mm	2920
Minimum turning radius (outer edge of bucket)		mm	6670
Rated power		kw	162
Driving speed	Forward gear I	km/h	0~12
	Forward gear II	km/h	0~36
	Reverse gear I	km/h	0~17
Fuel tank capacity		L	290
Hydraulic tank capacity		L	290



# SL57W

SL57W wheel loader is a 5-ton loader with long wheel base and single rocker arm designed for heavy-duty conditions. It adopts long rocker arm, short pull rod, flat boom structure and horizontal boom oil cylinder. With high grade configuration, strong reliability, good stability, strong gradeability, operator comfort and short action cycle time of working device, the whole machine is efficient and energy-saving and suitable for heavy load in mines.



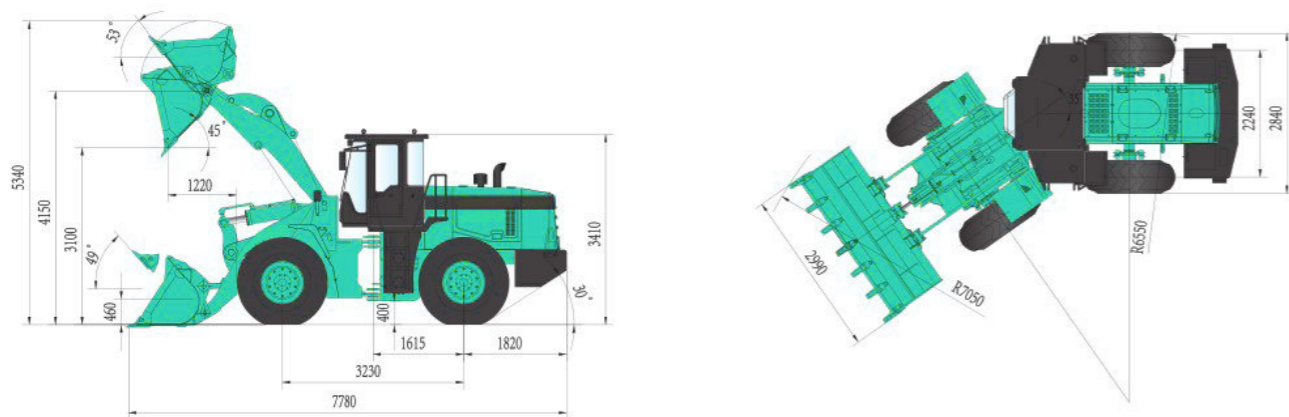
## Standard configuration:

- ◆ Weichai WP10 National III low speed electronic-controlled engine
- ◆ Jingong low speed planetary power-shift transmission, singlestage four-element twin-turbo torque converter
- ◆ Jingong self-made heavy-duty drive axle
- ◆ New aluminum water tank with intercooler, torque converter oil cooler and hydraulic oil cooler

## Optional configuration:

- ◆ Cooling/heating & cooling air conditioner
- ◆ Pilot controls
- ◆ Automatic centralized lubrication system
- ◆ Optional auxiliary knife board
- ◆ Meritor axle
- ◆ Automatic weighing device
- ◆ Luxurious seats

ITEMS		UNIT	PARAMETERS
Total weight		kg	17300
Rated load		kg	5000
Capacity of bucket		m <sup>3</sup>	3.0
Dumping height		mm	3100
Dumping reach		mm	1220
Maximum traction		kN	≥160
Maximum breakout force		kN	≥170
Overall dimensions (L×W×H)		mm	7780×2990×3410
Lifting time of movable arm		s	≤6.5
Total cycling time		s	≤10.5
Wheel base		mm	3230
Minimum turning radius (outer edge of bucket)		mm	7050
Rated power		kw	162
Driving speed	Forward gear I	km/h	0~11.5
	Forward gear II	km/h	0~36
	Reverse gear I	km/h	0~16
Fuel tank capacity		L	280
Hydraulic tank capacity		L	280



# SL58W

SL58W wheel loader (with luxurious cab) is a 5-ton loader with long wheel base and single rocker arm designed for heavy-duty conditions. It adopts long rocker arm, short pull rod, flat boom structure and horizontal boom oil cylinder. With high grade configuration, strong reliability, good stability, strong gradeability, and operator comfort, the whole machine is efficient and energy-saving and suitable for heavy load in mines.



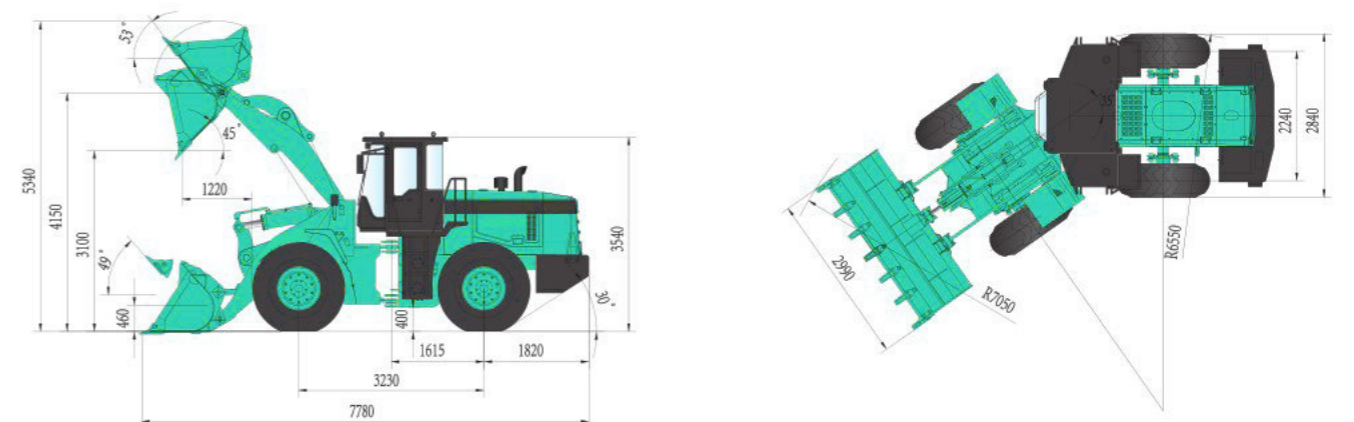
## Standard configuration:

- ◆ Weichai WP10 National III low speed electronic-controlled engine
- ◆ Jingong low speed planetary power-shift transmission, singlestage four-element twin-turbo torque converter
- ◆ Jingong self-made heavy-duty drive axle
- ◆ New aluminum water tank with intercooler, torque converter oil cooler and hydraulic oil cooler

## Optional configuration:

- ◆ Cooling/heating & cooling air conditioner
- ◆ Pilot controls
- ◆ Automatic centralized lubrication system
- ◆ Optional auxiliary knife board
- ◆ Meritor axle
- ◆ Automatic weighing device
- ◆ Luxurious seats

ITEMS		UNIT	PARAMETERS
Total weight		kg	17300
Rated load		kg	5000
Capacity of bucket		m <sup>3</sup>	3.0
Dumping height		mm	3100
Dumping reach		mm	1220
Maximum traction		kN	≥160
Maximum breakout force		kN	≥170
Overall dimensions (L×W×H)		mm	7780×2990×3540
Lifting time of movable arm		s	≤5.5
Total cycling time		s	≤9.8
Wheel base		mm	3230
Minimum turning radius (outer edge of bucket)		mm	7050
Rated power		kw	162
Driving speed	Forward gear I	km/h	0~11.5
	Forward gear II	km/h	0~36
	Reverse gear I	km/h	0~16
Fuel tank capacity		L	280
Hydraulic tank capacity		L	280



# SL59W

SL59W wheel loader is a 5-ton loader with long wheel base and single rocker arm designed for heavy-duty conditions. It adopts long rocker arm, short pull rod, flat boom structure and horizontal boom oil cylinder. With high grade configuration, strong reliability, good stability, strong gradeability, and operator comfort, the whole machine is efficient and energy-saving and suitable for heavy load in mines.



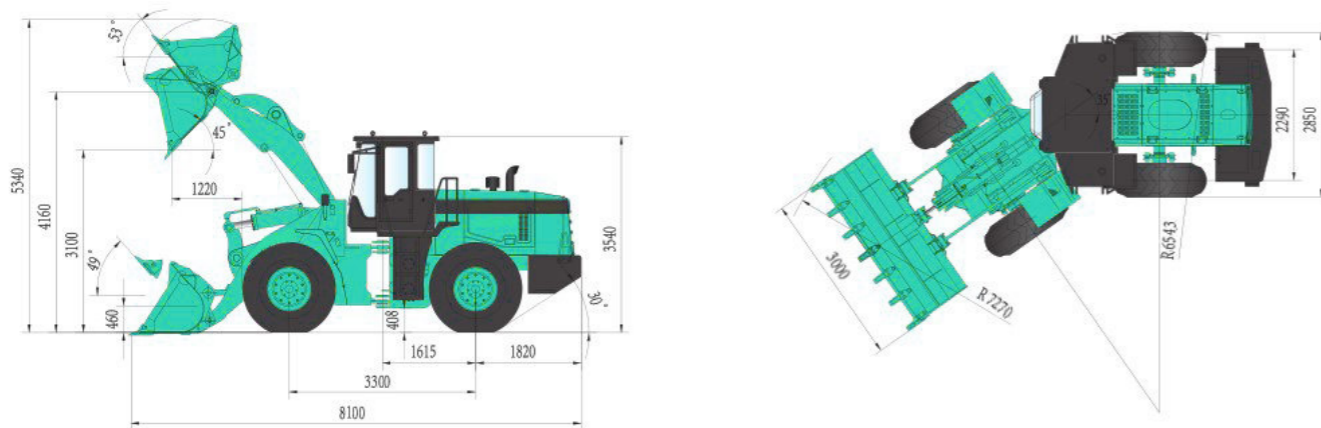
## Standard configuration:

- ◆ Weichai WP10 National III low speed engine
- ◆ Jingong low speed planetary powershift transmission, single-stage fourelement twin-turbo torque converter
- ◆ Jingong heavy-duty 50E drive axle (four planetary gears)

## Optional configuration:

- ◆ Cold start device
- ◆ Tire protection chains
- ◆ Rear window wiper
- ◆ Auxiliary knife board
- ◆ Oil-bath doublelayer air filter
- ◆ Pilot hydraulic operation system
- ◆ Log grasping/grass grasping
- ◆ AT transmission
- ◆ Luxurious seats
- ◆ Side-dumping device
- ◆ Warning light
- ◆ Reversing camera
- ◆ Automatic centralized lubrication system

ITEMS		UNIT	PARAMETERS
Total weight		kg	17800
Rated load		kg	5000
Capacity of bucket		m <sup>3</sup>	3.0
Dumping height		mm	3100
Dumping reach		mm	1220
Maximum traction		kN	≥160
Maximum breakout force		kN	≥170
Overall dimensions (L×W×H)		mm	8100×3000×3540
Lifting time of movable arm		s	≤5.5
Total cycling time		s	≤9.8
Wheel base		mm	3300
Minimum turning radius (outer edge of bucket)		mm	7270
Rated power		kw	162
Driving speed	Forward gear I	km/h	0~11.5
	Forward gear II	km/h	0~36
	Reverse gear I	km/h	0~16
Fuel tank capacity		L	280
Hydraulic tank capacity		L	260



# SL67W

With a rated load of 6 tons, SL67W wheel loader adopts a single rocker arm Z-type reversing mechanism, and a horizontal boom oil cylinder for strong lifting and breakout force, it adopts Weichai turbocharged engine with strong power.



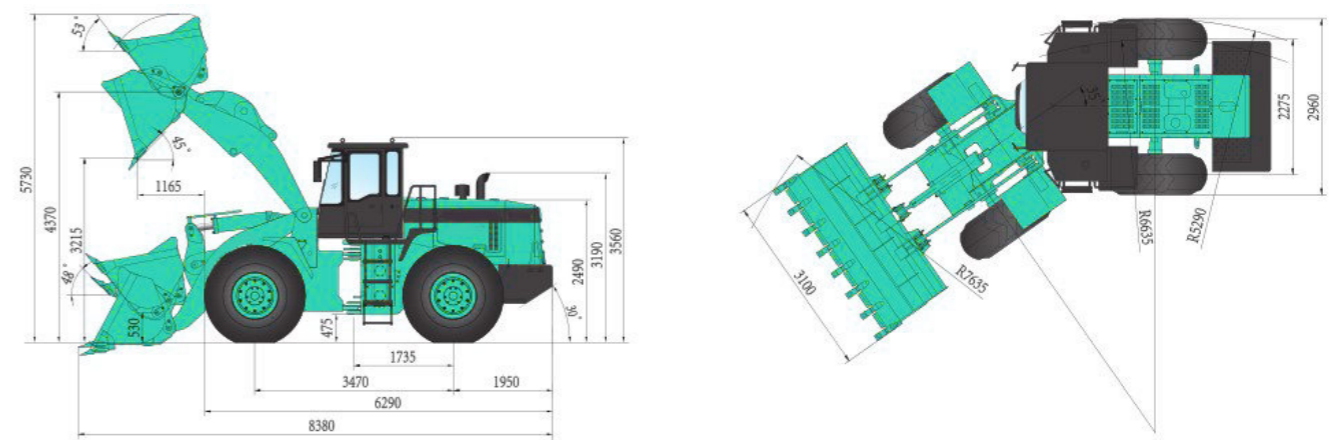
## Standard configuration:

- ◆ Weichai WP10 National III electronic-controlled highpressure common-rail diesel engine
- ◆ Hangzhou Gearbox hydrodynamic transmission assembly
- ◆ Meritor 60 drive axle
- ◆ Intelligent instruments, pilot controls, sunshade curtains, silkloop floor mat, air conditioner

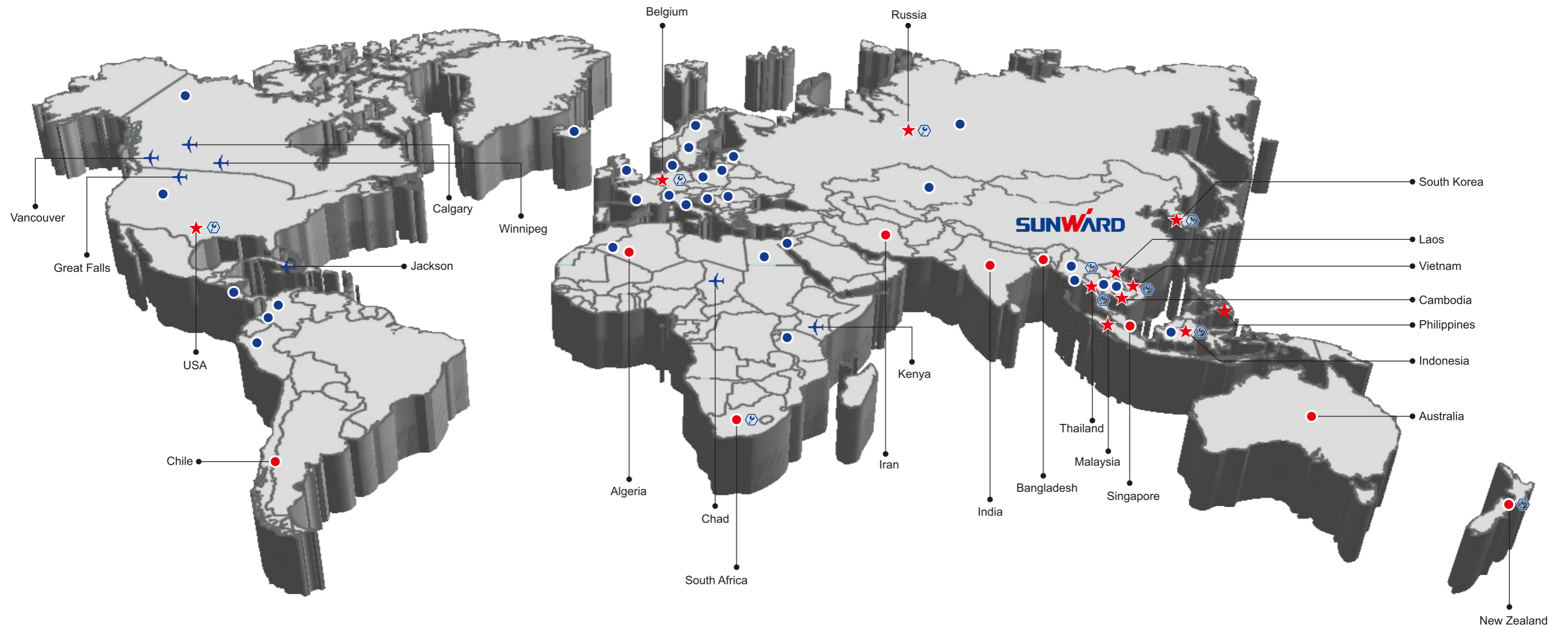
## Optional configuration:

- ◆ Self-made axle
- ◆ Automatic weighing device
- ◆ Luxurious seats
- ◆ Flexible shaft control mechanism
- ◆ Automatic centralized lubrication system

ITEMS		UNIT	PARAMETERS
Total weight		kg	21000
Rated load		kg	6000
Capacity of bucket		m <sup>3</sup>	4.0
Dumping height		mm	3215
Dumping reach		mm	1165
Maximum traction		kN	≥185
Maximum breakout force		kN	≥200
Overall dimensions (L×W×H)		mm	8380×3100×3560
Lifting time of movable arm		s	≤5.5
Total cycling time		s	≤11
Wheel base		mm	3470
Minimum turning radius (outer edge of bucket)		mm	7635
Rated power		kw	178
Driving speed	Forward gear I	km/h	0~13
	Forward gear II	km/h	0~37
	Reverse gear I	km/h	0~17
Fuel tank capacity		L	290
Hydraulic tank capacity		L	290



# Distribution Network



- ★ Sunward subsidiaries
- Sunward offices
- Sunward dealers
- ⚙ Sunward spare parts centers
- ✈ AVMAX service outlets

Sunward obtained the import and export rights in 2001, and have exported products to more than 100 countries and regions in the world. Our professional agencies are distributed all over the world, and we have established a dozen of subsidiaries in countries such as Belgium, the USA, Russia, Cambodia, Laos, South Africa, Malaysia, the Philippines, Vietnam, Indonesia, Thailand, South Korea, etc., which have respectively set up their professional sales service team including local employees and established their core accessory warehouse, complete-machine warehouse and maintenance facilities.