

SDLANCH INTELLIGENT CO LTD

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Tire Changer

COMPANY PROFILE

SDLANCH INTELLIGENT CO., LTD

Since 2016 and is located on the first floor of an office building in Huangtun Street, Guangan Road, High-tech Zone, Jining City, Shandong Province. It is a high-tech innovative enterprise integrating research and development, production and sales. Up to now, it has set up offices and regional overseas warehouses in the United States, Russia, the United Kingdom, Spain, Australia, South Korea, Saudi Arabia and other places.

The total area of the factory is 105,000 square meters. It has 2 R&D centers, 3 independent factories, 9 standard workshops, and 700 employees with degrees ranging from PhDs to Masters and Bachelors. Among them, there are 100+ senior technicians, 30+ R&D engineers, and 20+ senior engineers. The company holds the "ISO:9001 Quality Management System Certification" and international authoritative third-party certifications such as the US EPA, EU CE, Euro-V, and SGS. The company has over 1,000 SKUs and its products are exported to 170 countries and regions.

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WHEEL BALANCER

In the field of automotive repair and tire manufacturing, the balancing accuracy of wheels (tire and rim assemblies) directly determines vehicle ride smoothness, tire lifespan, and driving safety. The pentagonal wheel balancer relies on a unique 'pentagonal supporting structure' and automotive scenario-specific optimization technology, overcoming the shortcomings of traditional wheel balancers in multi-spec adaptation, high-speed detection accuracy, and ease of operation. It has become an efficient testing device for automotive 4S shops, tire shops, and auto parts manufacturers, particularly suited for balancing detection needs of various vehicle types such as sedans, SUVs, and commercial vehicles.



PRODUCT FEATURES

01

EFFICIENT OPERATION:

Automatic specification adjustment and visual paste guidance function reduce labor and time costs.

03

HIGH PRECISION DETECTION:

Multi-channel sensors and proprietary algorithms accurately locate the imbalance points of the inner and outer rings.

05

HIGHLY DURABLE:

Adapt to the complex environment of the workshop.

02

PENTAGON SUPPORT SYSTEM:

The pentagonal wheel balancing machine conducts a scenario-based upgrade of the core support system, significantly improving stability and adaptability compared to traditional dual-support wheel balancing machines.

04

MULTI-SPECIFICATION COMPATIBILITY:

There is no need to frequently change fixtures, allowing coverage of mainstream wheel specifications from passenger cars to commercial vehicles.



SDLWB2000A

Pentagonal balancing vehicle

- New body design, save space.
- Advanced software, a variety of balance mode choice.
- With self calibration, automatic diagnosis function, convenient maintenance and fault detection.

TECHNICAL PARAMETERS

SDLWB2000A/B		
Max wheel weigh	65	(kg)
Power Supply	110v/220v 50/60HZ (option)	
Power	0.25/0.37	(kw)
Balancing Precision	±1	(g)
Rotating Speed	180	(rpm)
Max Wheel Diameter	10-18°	
Max Rim Diameter	650	(mm)
Rim width	1.5-10	
One Balance Time	7	(s)
Net Weight	95	(kg)
Gross Weight	115	(kg)
Packing Dimension	1020*660/760*1100	(mm)



SDLWB2000B

Pentagonal balancing vehicle

- New type case, lengthen foundation makes case more stable.
- Advanced software, a variety of balance mode choice.
- With self calibration, automatic diagnosis function, convenient maintenance and fault detection.



SDLWB2000B

SDLWB2000A