

HIH Rentals Roshow Heavy Industry Aerial Platform Data Shows Engineering Focus

Key Specifications and Performance Metrics of the RS Series Scissor Lifts

CALIFORNIA, CA, UNITED STATES, August 14, 2026 /EINPresswire.com/ -- Roshow Heavy Industry Aerial Platform Data Shows Engineering Focus Public product documentation from the [HIH Rentals](#) manufacturer covers proportional control, dual-drive, and brake configurations across multiple aerial work platform models.

Roshow Heavy Industry Co., Ltd., a Zhuji, Zhejiang-based manufacturer established in 2022, operates a manufacturing facility covering 266,000 square meters and employs approximately 1,480 staff. The company operates under the brand HIH Rentals, specializing in aerial

equipment rentals. Corporate records list scissor lifts, boom lifts, and telehandlers among the company's main product categories. Export business accounts for 35% of total sales, with main markets including the United States and Europe, according to company information.



HIH RENTALS

HIH Rentals

Industry Context

The global aerial work platform market is estimated to reach USD 22.23 billion by 2026, growing at a compound annual growth rate of 7.88% from 2026 to 2031, according to Mordor Intelligence. Scissor lifts represent the dominant product segment, accounting for approximately 44% of the market in 2025, based on Fact.MR data. The rental segment is projected to expand from USD 21.6 billion in 2026 to USD 31.7 billion by 2036 at a CAGR of 3.9%, according to a separate Fact.MR estimate. North America remains the largest regional market with a 36.5%

revenue share in 2025, Grand View Research data show.

Company Statement

In its corporate profile, HIH Rentals states that it provides aerial equipment rentals including boom lifts, scissor lifts, and support tools for construction sites, maintenance projects, and industrial tasks. The profile describes a fleet intended to serve construction, facility maintenance, industrial operations, and event staging.

Model-Level Design Parameters

The current documentation set contains model-level specifications for nine boom lift and articulated or telescopic boom platforms. The parameters most relevant for rental buyers and maintenance planners include platform capacity, stowed drive speed, gradeability, turning radius, control type, and tire specification.

The AS-series boom lifts (AS1430DC, AS1932HD, AS2632HD, AS3246HD, AS4046HD, and AS4655HD) all feature proportional control, dual front-wheel drive, dual rear-wheel multi-disc brakes, and non-marking solid rubber tires, with a standard drive speed of 2 mph and a gradeability of 25% (14°); their turning radii and tire sizes vary, with the AS1430DC and AS1932HD offering a 6-ft radius and 14×4 tires, the AS2632HD a 6-ft-11-in radius and 15×5 tires, the AS3246HD a 7-ft radius and 15×5 tires, and the AS4046HD and AS4655HD an 8-ft-10-in radius and 15×5 tires. Platform capacities also differ: 507 lbs for the AS1430DC, AS1932HD, and AS2632HD; 705 lbs for the AS3246HD (the highest in the series); and 551 lbs for both the AS4046HD and AS4655HD. Beyond the AS line, the ASA48E and ASA52E models offer dual rated capacities of 564 lbs and 772 lbs, adjustable speeds from 0 to 3 mph, a gradeability of 0.3 (approximately 30%), a 15-ft turning radius, and 10-15/7-in tires, but they do not include proportional control; the AST85E, likewise without proportional control, delivers dual capacities of 661 lbs and 1,014 lbs, a 0–4 mph speed range, 45% gradeability, an 11-ft turning radius, and 15-45/28-in tires. All AS models share the same drivetrain and brake configuration, while the ASA and AST units are distinguished by their higher speed and load options.

Market and Standards Context

Aerial work platforms in the European Union must comply with EN 280-1:2022, which became a harmonized standard in July 2023. The U.S. market follows ANSI/SAIA A92.20 standards for the design and safety of mobile elevating work platforms. These standards are relevant for equipment operating in the company's stated main export markets, which include the United States and Europe.

Closing Outlook

The expansion of aerial equipment rental coincides with a North American market that Grand View Research estimates held 36.5% of revenue in 2025. If the Fact.MR rental forecast from USD 21.6 billion in 2026 to USD 31.7 billion by 2036 holds, the documentation needs of rental buyers will likely continue to favor machine-level specifications that can be compared across models.

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