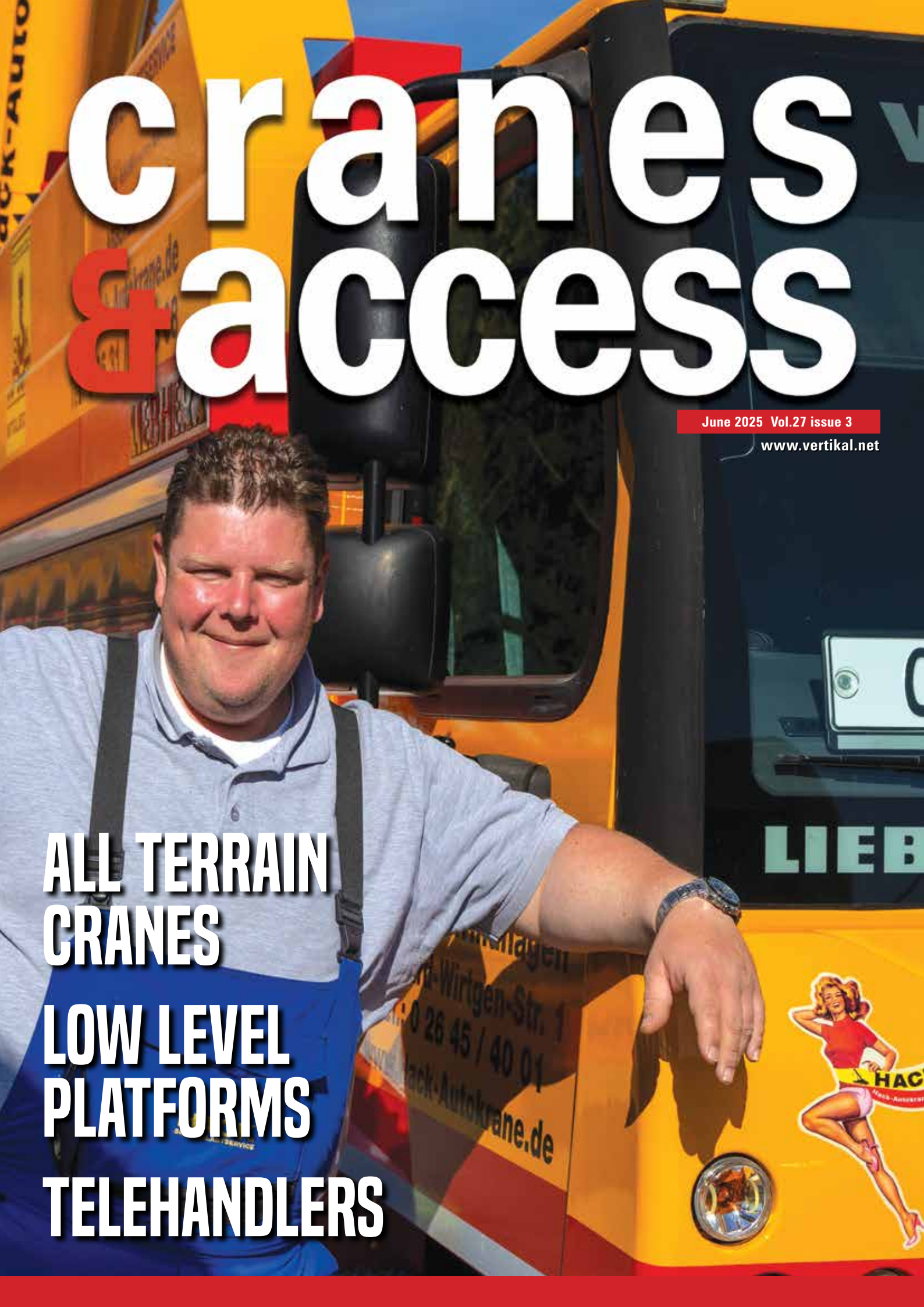


# cranes & access

June 2025 Vol.27 issue 3

[www.vertikal.net](http://www.vertikal.net)

**ALL TERRAIN  
CRANES  
LOW LEVEL  
PLATFORMS  
TELEHANDLERS**





# DINGLI

Exceed · New Height

Three-Year  
Comprehensive Warranty

## Comprehensive Upgrade Fourteen Benefits

### PERFORMANCE +

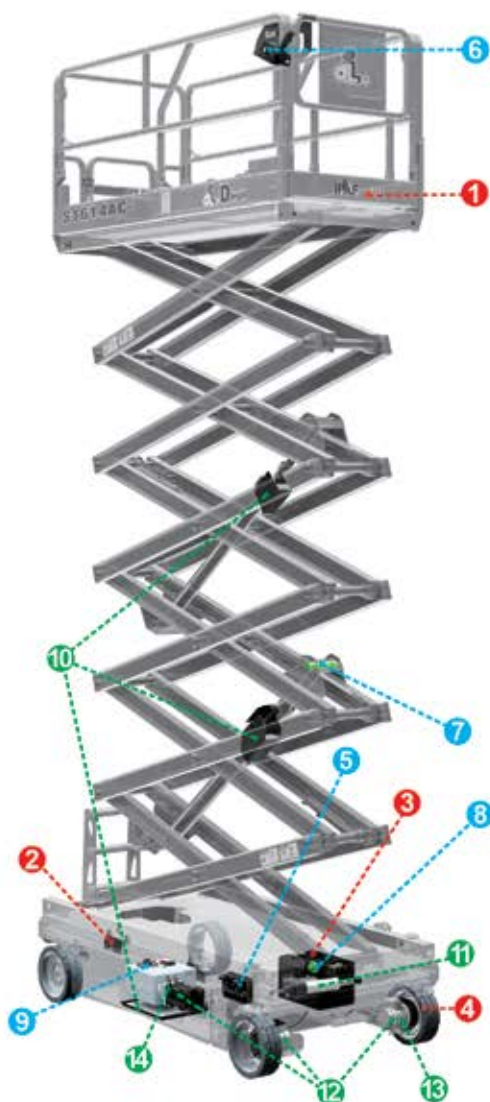
- 1 **Industry Leading Platform Capacity**  
Maximum increase up to 45% compared to the original model
- 2 **Side and Rear Forklift Pockets**  
Multiple choices for transport efficiency
- 3 **Lithium-Ion Battery with Long Duty Cycle and Fast Recharging**  
High-density battery pack with five-year warranty
- 4 **High Strength Wear Resistant Tyres Compound**  
Double the life compared to conventional tyres

### RELIABILITY +

- 5 **Integrated Four-in-One Motor Controller**  
40% reduction in connections and harnesses
- 6 **New Platform Control Box**  
The durability of the touch pad is greatly improved, the new surface cleans easily, and the display is three times larger
- 7 **Reliable Load Sensing System**  
Less affected by temperature and friction
- 8 **Scissor Angle Sensor Reliability Improvement**  
Limit switches are reduced by 60%
- 9 **Hydraulic Oil Heater (Optional)**  
Applicable for cold environment

### ENVIRONMENT +

- 10 **Hydraulic Oil Leak Containment**  
For applications with zero leak tolerance
- 11 **Electric Actuator Steering System**  
No hydraulic oil, faster steering speed and 66% reduction in energy consumption
- 12 **Gravity Down Energy Recovery System**  
Battery charge regeneration during platform descent
- 13 **Highest Efficiency Electric Drive System**  
15% decrease in energy consumption and higher power density
- 14 **Highest Efficiency Electric Lift Pump System**  
20% decrease in energy consumption and higher power density



AC+ Working Height Overall Width	272kg	408kg	272kg	450kg	408kg	408kg	363kg	363kg
	8m 0.7m	8m 0.8m	10m 0.8m	10m 1.2m	12m 1.2m	14m 1.2m	16m 1.2m	16m 1.4m

## AC+ Series Scissor Aerial Work Platform

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The Hire & Rental Association of Australia, the Elevating Work Platform Association and the Telescopic Handler Association of Australia - HRIA/EWPA/TSHA for short - held their annual conference 'Hire25' trade show and awards dinner in Melbourne in June. Cranes & Access/Vertikal.net was there to cover the events.

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Crane operator Gerhard Mees with his new 700 tonne Liebherr LTM 1650-8.1, the new flagship in the Hack Schwerlastservice fleet, just before its first job, in Wetzlar North of Frankfurt, removing a 50 metre by four metre wide 27.5 tonne bridge over the River Lahn.



**IN THE NEXT ISSUE** Scheduled for publication in late July, the next issue of Cranes & Access will include features on Tower cranes, Scissor lifts, Glass handling and the Vertikal Days 2025 preview. If you have any contributions or suggestions to make or are interested in advertising in this issue, please contact our editorial or sales teams.



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# COMMENT

## 1980s' GAME CHANGER

There are periods in history when an invention, new technology, materials or a manufacturing process has led to a major change in the way something is done. Examples include the printing press, spinning-jenny, steam engine, internal combustion engine, farm tractor, bicycle, light bulb, wireless telegraphy, aeroplane, personal computer and the internet... to name but a few. All have led to massive changes in the way things are done, but not always immediately.

Around 80 years ago several new companies entered the mobile crane market, spurred on by the need to rebuild after the devastation of World War II. But what happened 40 years ago? It was the mid-1980s and something caused a series of entrepreneurs to start designing and building self-propelled aerial work platforms or spider lifts.

We see it now with all the 40 year anniversary celebrations including Niftylift, Skyjack, Haulotte and for spider lifts Platform Basket and Palazzani to name a few, while IPAF - the International Powered Access Federation - celebrated its 40th anniversary a couple of years back.

Rather than one major event, I think it was a combination of factors. At the beginning of the 1980s, the construction industry was still very conservative, using methods passed down over the generations. However, a mood for change was in the air following the recessions of 1975 and 1982. The entrepreneurial juices were activated leading to a surge in new company startups.

I remember working as a site engineer on a multi-storey building in London in 1983 and being given the first laser level in the company - a relatively minor development but a massive game changer in terms of speed and efficiency, requiring just one person instead of two to set the levels for the other trades. The first telehandlers were also beginning to appear changing the way materials were moved around on site - the pallet had arrived!

Although self-propelled boom lifts date back to the late 1950s, initially to pick apples in Canada and cherries in California - hence the nickname 'cherry picker' - the lifts struggled to generate any interest among European contractors, thanks to a strong scaffolding sector and a resistance to 'new fangled technology'. The 1980s however, saw a younger generation entering the sector with new ideas, able to spot the benefits of using powered access equipment for certain applications, and the market began to take off. Word began to spread of 'new' machines able to work at height that saved time and money and, although not as important then as it is now, they offered a safer way of working.

The growth of the aerial work platform was down to a willingness to change, and rental companies starting to invest and believe in the concept - without which, aerial lifts would simply not have taken off.

Congratulations to all those celebrating their 40th anniversaries, and perhaps we might spare a thought for the many that failed along the way.

#### Mark Darwin

*Comment and feedback is most welcome via post, email or phone stating if we may publish them or not: editor@vertikal.net*