



When Winter Weighs as Much as 45 Mammoths

AT-PAC enables uninterrupted construction at Huddinge Kommunhus through extreme winter conditions

Together with its partners Sydställningar and Scaffco, AT-PAC enabled uninterrupted construction progress in the heart of Sweden, proving that even the harshest winters do not have to dictate project timelines. For the redevelopment of Huddinge Kommunhus, a robust temporary roofing solution was essential to ensure safe, efficient, year-round construction. The answer came in the form of two weather protection roofs installed side by side: the Mammut roof covering the city hall and the Scaffix solution protecting the library, designed not merely to resist the elements, but to remove weather as a risk altogether.

Spanning 4,500 square metres, the Mammut roof is engineered to withstand Sweden's extreme snow-load requirement of 0.60 kN/m²—a total force exceeding 275,000 kilograms. To put that into perspective, the structure can carry the equivalent weight of 45 fully grown mammoths. This exceptional load-bearing capacity transformed winter from a seasonal obstacle into a controllable condition, allowing construction teams to operate safely, efficiently, and without interruption.

At the heart of this performance was AT-PAC's Ringlock scaffolding system, which formed the structural backbone of the project. Approximately 700 tons of Ringlock created a strong yet adaptable support framework capable of safely managing extreme loads. A specially developed beam connection anchors the structure to the building at a height of 12 meters and extends a further 10 metres upward, ensuring effective load distribution across the entire construction. Installed on this secure scaffold base, the Mammut roof operates on an integrated rail system, allowing it to be opened or closed in just 5 to 10 minutes, depending on site conditions.

The Huddinge Kommunhus project clearly demonstrates what advanced weather protection truly enables: continuity. By removing climate as a limiting factor, AT-PAC solutions help contractors extend their productive season, safeguard their workforce, and protect critical deadlines. Whether facing snow, wind, or rain, AT-PAC systems are designed to carry the load—sometimes quite literally—so projects keep moving, no matter the season.

Solutions. Delivered.

Project Partner Perspectives

Tobias Bækhøj

Partner & Head of Business Development, Scaffco A/S

“Working alongside AT-PAC, we supported the scaffolding solution with two different roof systems installed side by side on the same site. AT-PAC’s Ringlock system formed the backbone of the project, and by integrating our Scaffix and Mammut roof solutions, we were able to meet varying span and load requirements between the two side-by-side structures. This combined approach resulted in one of the most unique temporary roof projects ever.

Dennis Ragnar

Country Manager – AT-PAC Sweden

“The Huddinge Kommunhus project highlights AT-PAC’s ability to deliver complete access and weather protection solutions through strong local partnerships. By combining advanced systems, technical expertise, and close cooperation with Sydställningar and Scaffco, we supported a safe, efficient, and high-quality construction process. This project is a strong reference for AT-PAC’s growing presence in Sweden.”

YouTube: <https://www.youtube.com/watch?v=sPE1qfsAVfQ>

LinkedIn: <https://www.linkedin.com/company/atpac-scaffolding>

Landing page: <https://www.at-pac.com/weather-protection-solutions>

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About AT-PAC

AT-PAC is a world-leading manufacturer offering globally certified scaffold products for the industrial market, specifically in sectors such as oil & gas, mining, refining, power, and infrastructure construction. Established in 1995 and headquartered in Atlanta, GA, USA, AT-PAC has grown into a global solutions powerhouse, contributing to some of the world's largest industrial projects in recent times and has a strong commitment to driving safety excellence and innovation, industry wide.

In 2023, AT-PAC became part of Umdasch Group and, since 2025, operates within its industrial-focused division, umdasch Industrial Solutions. This transition further strengthens its position as an end-to-end scaffolding provider, expanding its reach and enhancing its ability to serve industrial customers and scaffolding contractors worldwide.

About umdasch Industrial Solutions

umdasch Industrial Solutions was formed to meet the unique demands of industrial sectors, offering specialized scaffolding, safety, and maintenance solutions designed to enhance operational efficiency and ensure worker safety. Through its brands AT-PAC and Catari, the division provides scaffolding systems, engineered access solutions, project design, digital asset management and EPCM support - specifically tailored for industrial customers and scaffolding contractors. Founded in 2025, umdasch Industrial Solutions is a company of the Umdasch Group, which has stood for reliability, experience, and trustworthiness for more than 150 years.

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