THE AMMANN GROUP MAGAZINE

MILESTONE REACHED

Asphalt Plant Retrofit in Sweden

MAR.2026

CONSTRUCTION WORKFLOW PLANNING

Connected Worksite – The Digital Path to Sustainable Roadbuilding.
Ammann and digitalisation expert Q Point jointly provide an integrated solution for all phases of the asphalt process. This combination improves efficiency, transparency and sustainability.

Connected Worksite

For additional product information and services please visit: **www.ammann.com**

AMMANN

REDEFINING "UPTIME"

TABLE OF CONTENTS

DEAR CUSTOMERS

In the roadbuilding industry, "uptime" has long been synonymous with "reliability." That makes sense: An unreliable machine that sits idle while it awaits repairs can mean the difference between profit and loss. At Ammann, reliability has always been a priority – and it remains one today. But we've also gone further by expanding what uptime means and how we deliver it.

We've significantly lengthened service intervals on both light and heavy compactors, reducing how often these machines need to be maintained. When service is required, it is executed faster because key components are easy to access.

Electric-drive machines also boost uptime. Because e-drives aren't powered by a combustion engine, routine maintenance drops dramatically. The battery packs in Ammann e-drives hold a charge for long periods, lengthening the time before recharging is needed.

Innovation continues to push uptime forward. ABG's VDTA-V Double Tamper Screed allows operators to continuously adjust the tamper stroke while paving – something that previously required stopping the machine and making changes manually.

Our asphalt-mixing plants also support uptime through improved accessibility, connectivity, and strong parts availability.

We will consistently deliver the traditional foundation of uptime through durable, long-lasting products. At the same time, we'll continue finding new ways to keep our plants and machines working – and to keep our customers profitable.

As we enter 2026, we will build on this momentum and unlock new opportunities to make our "Productivity Partnership for a Lifetime" commitment stronger than ever.

Hans-Christian Schneider
CEO Ammann Group

Cover: Ammann RAH 100 Retrofit Project
Editor: Ammann Switzerland Ltd. | 4901 Langenthal
Contact: marketing@ammann.com
Materials and specification data are subject to change without notice.
GMC-1423-24-EN | © Ammann Group

MILESTONE REACHED

RAH100

A new chapter is unfolding at NCC's asphalt plant in Sweden as its ambitious modernization project hits a major milestone.

The project is moving steadily toward creating a next-generation, future-ready facility that balances productivity with sustainability.

Following the successful installation of the RAH100 dryer—a state-of-the-art hot air recycling system—the plant is now equipped to dramatically increase its use of reclaimed asphalt pavement (RAP). This innovation not only boosts efficiency but also sets a new benchmark in sustainable road construction practices and offers the lowest maintenance costs in the market, making it a game-changer for both the environment and operational budgets

THE OBJECTIVES OF THE MODERNIZATION PROJECT

The site modernization project is essential to align NCC's operations with the highest environmental standards in the production of bituminous materials. By upgrading facilities and processes, the project ensures that the produced materials comply with the stringent requirements outlined by EU directives and regulations that provide binding requirements and legal commitments to emission reductions and sustainable business conduct (CSRD, CSDDD, Climate Law, Fit for 55). This initiative not only enhances sustainability and environmental responsibility but also positions NCC as a leader in environmentally conscious manufacturing within the industry.

THE EXCELLENCE OF RAH100 RECYCLING TECHNOLOGY

The RAH100 plant is recognized as one of Ammann's flagship technologies, showcasing advanced engineering and efficiency. With over 80 installations globally, this system has established a strong presence in regions that prioritize environmental sustainability within their industrial sectors, including Northern Europe, the USA, Australia, and more recently, China. Its widespread adoption underscores its effectiveness in meeting high environmental standards while delivering very high and reliable performance.

The main innovations that this type of plant brings to the production process common to many traditional plants are as follows:

The Ammann RAH100 elevated dryer, dedicated to RAP, is a counterflow dryer positioned atop the mixer. It is specifically engineered to heat up to 100% RAP without direct contact with the heat source. Instead, it utilizes solely hot air generated by the burner to achieve efficient and uniform heating, ensuring optimal processing of the RAP while maintaining safety and product quality.

The flow of hot air transferred to the RAP (at a temperature of approximately half the temperature of the burner flame), is generated by the static generator positioned diametrically opposite the RAP entry point. A refined process allows the bituminous mixture RAP to be heated at a lower temperature, completely avoiding the well-known phenomenon of bitumen aging (a phenomenon caused by the exposure or contact of the binder contained in the RAP with aggregates or flame at high temperatures). The slow, gradual, and even "gentle" heating provided by hot air preserves the rheological properties of the binder, reactivating it and raising its temperature up to approximately 160°C for proper final mixing. This results in a high-quality final mixture and eliminates the need to overheat the virgin aggregates, offering significant benefits in terms of energy efficiency and product quality.

All process fumes are conveyed to the bag filter with the purpose of removing all particulate matter, that is, dust generated from the heating of aggregates or RAP in the RAH100.

AMMANN WOOD DUST BURNER: A RENEWABLE AND ECO-FRIENDLY FUEL SOLUTION

Equipped with the RAH100, the Ammann Wood Dust Burner plays a key role in driving this transformation and highlighting the NCC asphalt plant's new sustainable identity.

When burned, wood dust releases heat energy, making it suitable for applications such as residential heating, industrial boilers, and power generation.

Using wood dust as fuel helps minimize waste, lower total life-cycle carbon emissions, and reduce reliance on fossil fuels. However, careful handling and storage are crucial, as fine wood particles can create explosion hazards in areas with high dust concentrations.

Ammann is the leading wood dust burner manufacturer in Europe, with over 50 units in daily use.

THE GREEN PLANT INITIATIVE

Ammann burners are capable of operating with a wide range of fuel types, including:

- Wood dust
- Natural gas
- Light oil
- Heavy oil
- Waste oil
- Bio oil
- Kerosene
- LPG (liquefied petroleum gas)
- Coal dust
- LPG (in gaseous form)

Ammann burners are designed to perform with low impact on energy consumption and environmental impact. Our mission is to empower businesses by expanding their capabilities to embrace all the previously mentioned fuels but also unconventional and alternative ones, offering sustainable and cost-effective energy solutions without compromising performance.

PERFECT HARMONIZATION THROUGH AS1 CONTROL SYSTEM

Last but not least is a comprehensive electrical retrofit, which includes the implementation of Ammann's latest AS1 control system. This upgrade ensures seamless operation and allows for precise management of every component in the production line, from drying to mixing, making the plant smarter and more responsive to modern demands.

With these critical components now in place, the next step is commissioning the plant. This phase will rigorously test the integrated systems, fine-tune performance, and ensure safety and compliance across all operations. Once commissioning is complete, the plant will officially begin production, marking the full realization of this phase of modernization.

The complete digitalization and automation of the production process: the plant is managed using proprietary Ammann AS1 software, which, among other features, allows:

- Record and monitor energy consumption in real time;
- Dynamically and automatically correct the production formulas of the mixture (mix design);
- Optimize the cycle based on the target production temperatures;
- Regulate recipes and RAP percentage.

NCC PROJECT: A TAILOR-MADE AMMANN RETROFIT SUCCESS

What lies ahead is not just the startup of a newly retrofitted facility—but the launch of a production plant that stands as a model for the asphalt industry, combining technical excellence with environmental responsibility.

This achievement represents the culmination of close collaboration between NCC, Ammann, and a dedicated project team committed to innovation and long-term sustainability. The retrofit has transformed an existing facility into a high-efficiency, low-emission plant equipped to meet both today's production demands and tomorrow's environmental standards.

By integrating advanced control systems, energy-efficient components, and optimized recycling capabilities, NCC is setting a new benchmark for responsible asphalt production. The plant's enhanced performance will not only improve operational reliability and cost-effectiveness but also reduce its overall carbon footprint—an important milestone in NCC's broader sustainability journey.

As the plant moves into full operation, it stands as proof that modernization need not come at the expense of environmental stewardship. Instead, it demonstrates how technology, when purposefully applied, can drive progress toward a more sustainable, high-performing future for the entire industry. •

A GAME-CHANGER FOR MODERN PAVING

Ammann ABG newly developed and patented **VDTA-V Double Tamper Screed** is revolutionizing asphalt paving.

The new screed is designed to tackle the most persistent challenges of modern paving: curves, varying layer thicknesses, short compaction windows, and the growing demand for sustainable, efficient construction. For the first time, the tamper stroke can be continuously adjusted during paving, independently for each screed section, giving operators time and unprecedented control and precision.

PRECISION WHERE IT MATTERS

The VDTA-V's innovation is deceptively simple—yet highly effective. Operators can adjust the stroke of the front tamper at any time, with each half or extension of the screed controlled individually from 0.5 to 10 mm. This makes a significant difference in curves and roundabouts, where inner lanes require less compaction, and outer lanes need more. Previously, adjustments required stopping the machine and making manual changes, costing time and reducing efficiency. With the VDTA-V, a simple push of a button is enough.

The advantages extend to low-temperature asphalt (LTA), a material that reduces CO_2 emissions and energy use but demands precise and rapid pre-compaction due to tighter temperature windows. The VDTA-V's double-tamper technology, combined with the new continuously adjustable stroke, ensures perfect compaction every time.

Multi-layer paving is also made easier. When laying a thick base layer followed by a thinner surface layer, each layer requires a different compaction intensity. Switching between them is now effortless—one button press adjusts the screed from strong to gentle compaction in seconds.

DESIGNED FOR EFFICIENCY AND DURABILITY

Beyond its core functionality, the VDTA-V incorporates several improvements that enhance day-to-day operations such as maintenance-free tamper bearings and new diagnostic system simplifies monitoring of heating performance. The front tamper heating ensures uniform temperature distribution.

> *"I can reduce the stroke on the inside of a curve and increase it on the outside, then readjust as soon as we exit the curve."*

This latest screed technology launch continues ABG's legacy of innovation, from the first single-tamper screeds to the introduction of double-tamper technology, culminating now in electronically controlled, continuously adjustable tamper strokes.

"With the VDTA-V, we are unlocking the full potential of our double-tamper technology—at the push of a button," says Frank Dörrie, Global Product Manager at ABG.

PUTTING THIS NEW INNOVATION TO THE TEST

The VDTA-V underwent its first jobsites in early summer 2025. One of them was a Eurovia Hannover project on in Hameln, Germany. The project involved laying 10 cm of AC16 asphalt over a working width of 4.2 m, totaling approximately 3,000 tonnes of material.

Foreman Steffen Siegmund was immediately impressed: "I can reduce the stroke on the inside of a curve and increase it on the outside, then readjust as soon as we exit the curve. It's fast, seamless—and the results speak for themselves."

Paving supervisor Axel Röhrs added: "Working with strokes between 2 and 10 mm is a huge step forward, especially in roundabouts and complex profiles. Even our roller operators no longer notice differences between layers."

A NEW STANDARD FOR ASPHALT PAVING

The VDTA-V is more than a new screed—it's a game-changer for precision, efficiency, and sustainable paving. It simplifies the work of operators, improves compaction quality, and expands possibilities for working with low-temperature asphalt.

"This is a brilliant invention—a top-notch patent", sums up Röhrs.

With the VDTA-V, ABG is setting new standards in asphalt construction. What was yesterday's vision is now today's reality—at the push of a button. •

FROM THE FACTORY TO THE JOBSITE

Julia Schäfer puts the **ABG 8820** with VDTA-V Screed to the test.

First, Ammann brand ambassador Julia Schäfer rolled up her sleeves on the factory floor, helping build an ABG 8820 paver. Now she's taking the new paver and its one-of-a-kind screed out for a trial run.

Julia was in her element on the jobsite in Mannheim, Germany, learning, laughing and having a blast with the team. She joined paving contractor Peter Gross Bau to test ABG's new VDTA-V Double Tamper Screed. The verdict was immediate: "When we purchase the next machine, it must have tamper stroke adjustment," the paver operator said after the trial.

ON-THE-FLY ADJUSTMENT

ABG is the only manufacturer offering double-tamper screeds that provide true pre-compaction ahead of the screed body. The latest innovation adds another major advantage: **the operator can now steplessly adjust the front tamper stroke while paving.**

Previously, changing the front tamper stroke was a slow, manual process had to be done manually and required shutting down the paver. Because it was so time-consuming, crews often relied on less precise alternatives, such as modifying tamper speed—an approach that affected machine behaviour and could lead to issues like premature pavement wear.

With this next level screed technology, adjustments are made directly at the screed control panel, with no preset steps, ensuring continuous precision and full flexibility. Only the front tamper is adjusted, which is sufficient to optimise pre-compaction.

CURVES, ROUNDABOUTS AND RACETRACKS

Each screed section can be individually set between 0.5 mm and 10 mm. This is especially valuable on curved alignments and roundabouts, where inside sections cover less distance and require a lower stroke.

A crew might set the inner panel to 2 mm, the next to 4 mm, and so on, and up to 10 mm on the outside—each section delivering exactly the tamping needed. ABG also provides a function that automatically creates a linear relationship between the inner and outer settings.

WIDE RANGE OF APPLICATION

On-the-fly stroke control is particularly helpful when placing multiple layers in one day—for example, a 10 cm base followed by a 4 mm surface course. The stepless adjustment ensures the ideal amplitude for each lift and allows quick adaptation to changing site conditions.

This capability was crucial for Peter Gross Bau's intersection project in Mannheim, where base, binder and surface layers were placed in sequence. The double-tamper system delivered optimal pre-compaction for each material and depth.

OPTIMISED FOR LOW-TEMPERATURE ASPHALT

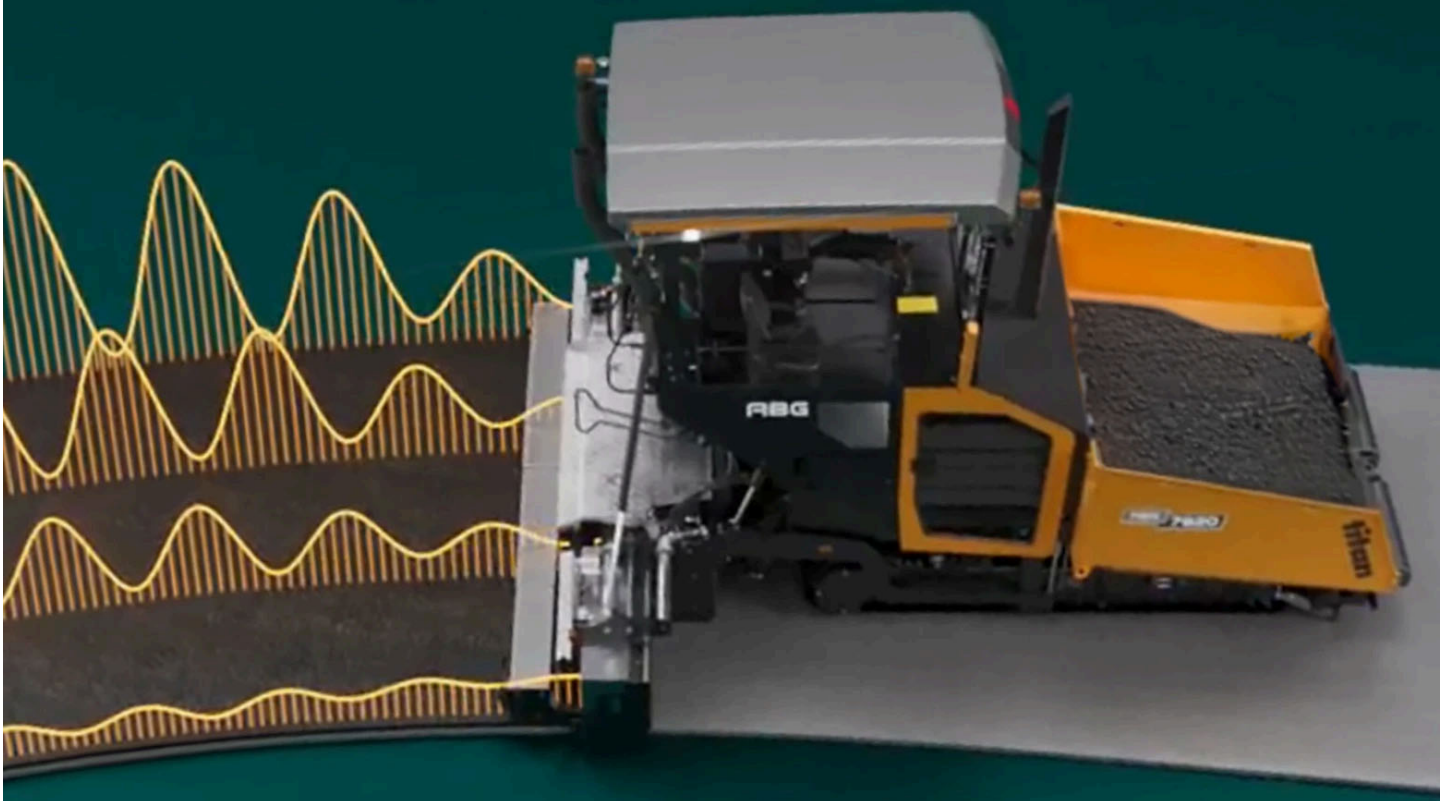
The VDTA-V also excels with low-temperature asphalt (LTA), which reduces CO_2 emissions and fuel consumption but offers a narrower compaction window. The double tamper applies two strikes for enhanced pre-compaction, while the stepless adjustment allows the operator to fine-tune settings instantly—ideal for the specific challenges of LTA.

Overall, the VDTA-V sets a new benchmark in flexibility, precision and pre-compaction quality on today's complex paving projects. •

From top left
Andrej Bigas, Katharina Moll, Julia Schäfer, André Tosch (ABG original), Dennis Kurenkov, Marius Crisan, Niclas Biel, Thomas Biel, Patrik Stenner, Clemens Theurer (Robert-Aebi mechanic).

PRECISE COMPACTION IN EVERY CURVE

VDTA-V Video



Ammann's adjustable tamper stroke VDTA-V unlocks the full power of a high compaction screed – especially when paving with warm mix asphalt (WMA), where time and precision matter most.

For additional product information and services please visit: **www.ammann.com**

ONE-STOP SHOP SOLUTION FOR EVERY NEED

Considering an asphalt-mixing plant purchase? See how this roadbuilder improved his chances of success.

Angus Walker knew it was time for his business to get into asphalt production. "We do milling, paving, chip-sealing – you name it", says Walker, the director of ANA Asphalts, with headquarters in Beresfield, New South Wales, Australia. The only missing component was asphalt production. "That was the likely progression", he says. "We wanted to close that gap and perform in every phase of the market."

One-stop shopping was only part of the motivation. ANA also has a history of success when expanding into new sectors of the roadbuilding industry.

"Every time we've added a part of the process, we've been successful", Walker says. He expects to do the same with the purchase of a plant that will produce mix for both ANA and other paving businesses. "After this plant, we'll likely replicate what we do in other places", he says.

Making such an investment is never easy. "It is even more challenging because it is our first plant", Walker says.

After careful consideration, ANA selected the Ammann ContiQuick 140 Asphalt-Mixing Plant. Walker, fresh off vetting various manufacturers and models, offers some tips for those considering the purchase of a plant.

EVERYONE KNOWS YOU SHOULD "DO YOUR RESEARCH." BUT WHAT, EXACTLY, DOES THAT MEAN?

For Walker, it meant visiting production sites. Lots of production sites.

"Go look at a plant that's been operational for some time", he advises. "Take a closeup view. Get a feel for it."

Walker initially reviewed multiple manufacturers, then turned his focus to Ammann. "I probably toured 15 Ammann plants over a 12-month period. Maybe more. Seeing them gives you a real understanding of what you're buying", he explains.

Not every plant offered the features he ultimately wanted – but those stops still mattered.

"I got a sense of the depth of the Ammann product line, and that's important", Walker says. "Just the quantity of Ammann plants out there gives you confidence."

The variety also exposed him to different options and configurations. Those observations helped him zero in on specifics, including a larger silo and the optimal position of the feeder.

"You see how people do things", he says. "You see the plant on the site, working. That provides great reference points."

"Parts availability is critical. Everyone we visited said Ammann supports the plants very well."

AMMANN CONTIQUICK 140

- Output capacity is up to 140 tonnes per hour;
- System allows heat-sensitive bitumen to be incorporated outside the dryer, ensuring material integrity;
- Engineered for cost-effectiveness, the plant minimises both the initial investment and ongoing operating expenses;
- The plant separates the heating and mixing phases, boosting efficiency and mix quality;
- The variable mixing times reduce start-up waste and improve mix quality;
- Modules are designed for transport on standard Australian trailers.

ANA

Location	Beresfield, New South Wales, Australia
History	The family-owned business opened in 2014
Services	Asphalt production, paving, profiling, traffic control, transport, crushing, screening and spray sealing
Associations	Member of NSW Indigenous Chamber of Commerce
Certifications	Pre-qualified by Roads and Maritime Services (RMS), a governmental agency that sets standards on road infrastructure and safety management; Holds current ISO 45001, 14001 and 9001 designations.

LISTEN TO THE OPERATORS

It's essential to talk with managers about the bigger business issues, Walker says. But don't forget to ask the operators who work with the plant daily.

"Operators had a lot to say", Walker explains. "Their feedback was key to our decision."

What insight did the operators provide? "The control system is everything", Walker says. "They love the AS1 Control System. It's extremely intuitive. Many, many operators told me that."

Walker and his team tried the controls themselves and quickly understood the operators' enthusiasm. "The ease of operation is incredible", he says. "The dashboard and PIP function was another big selling point."

With the AS1 Argon View, active and essential elements appear brighter, larger and are supported by smooth animations. Less important functions remain subtly in the background.

THE "LITTLE THINGS" AREN'T LITTLE

ANA plans to be in asphalt production for decades – and expects the plant to last just as long. "A plant is a big investment, something you're going to have for 20 years", he says.

As the visits mounted, an unexpected factor emerged – something Walker referred to as "a little thing that's actually not little."

"We wanted a large, comfortable cabin", he says. "It might seem minor, but when you realize you'll be in that space daily, year after year, it adds perspective. You don't want to be crammed in there for 20 years."

The same is said for the important maintenance and access points into key areas of the plant – such as the drum, mixer and slat. Ammann has clearly prioritised this in the product's design and development.

The larger cabin and access areas for service are just some of the key points that the operators and maintenance teams appreciate.

THINK ABOUT SERVICE

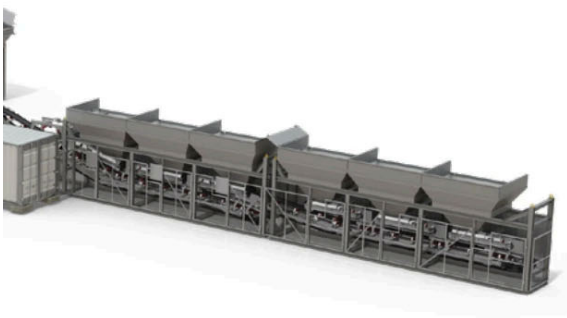
A common concern that runs through all ANA divisions? Potential interruptions due to repairs. "Downtime is a killer", Walker says.

During his tours, Walker asked about reliability. He was encouraged by the words of support other businesses had for Ammann. Conversations during his visits also confirmed strong after-sales coverage in the local market.

"Parts availability is critical", he says. "Everyone we visited said Ammann supports the plants very well."

THE RIGHT CHOICE

After evaluating the options, ANA happily selected the Ammann ContiQuick 140. "We're very pleased with our decision", Walker says. "It definitely checked all the boxes." •



From left
Mitchell Mackie, Dante Cremasco, Angus Walker, Bradley Greaves

ELECTRIC PAVER HIGH PRODUCTIVITY AND SUSTAINABILITY GO HAND IN HAND

Making its debut on this critical low-carbon National Highways scheme, the Ammann *e*ABG 4820 electric paver exceeded performance and battery life expectations of the entire site crew.

*e*ARX 26-2

*e*ABG

On a project where over 90% recycled materials were used to rebuild the road, the major resurfacing project on the A47 in East Anglia became the perfect real-world test for the Ammann *e*ABG 4820 electric paver. Over several demanding nights, the machine showed crews that electric paving doesn't just match diesel performance—it can quietly surpass it.

National Highways tasked its contractors, Heidelberg Materials and WSP, with delivering the resurfacing of the A47 between Acle and Great Yarmouth in the most sustainable way possible. The result is a new structural layer of the road that's made almost entirely from recycled materials. This marks a significant advance from typical pavement layers which use far less reclaimed asphalt.

The Ammann *e*ABG 4820 was chosen to match these ambitious sustainability targets. As the largest electric paver on the market, the machine is capable of a daily output of 1200 tonnes while delivering a 70% reduction in CO_2 emissions compared to its diesel equivalent. Equipped with a Variomatic screed paving widths up to 6.5m, and an impressive output of 500 tonnes per hour it delivers flawless performance.

REDEFINING BATTERY EXPECTATIONS ON A HIGH-TONNAGE SITE

Jake Giddings, Site Manager for Heidelberg Materials admitted initial scepticism based on previous experiences with other brands but was quickly convinced by the *e*ABG 4820's durability.

"The Ammann paver worked to the same high standard as the diesel version and the battery lasted better than expected. We'd start a shift on 95% and end on 40% charge."

The trial site proved to be an excellent test case, demanding high output every night:

"The tonnage we're doing here a night is quite significant compared to other highway schemes. They might only do 100–200 tonnes a night whereas we're doing 500–600 tonnes so it was a good site to trial the paver on to give a good judgement of range and to put it through its paces."

CHARGING AND LOGISTICS

To further reduce the overall carbon footprint of the project, Heidelberg Materials built a recycling plant close to the site. Not only did this help to save carbon due to the short distance from the plant to where the road is being resurfaced but it also provided the perfect place to charge the paver during the day with low carbon hydrogen low loaders providing the transport.

> *"The electric roller has completed four nights without needing a charge."*

THE ELECTRIC ROLLER

Success wasn't limited to the paver; Jake Giddings was equally impressed with the performance of the *e*ARX 26-2 electric light tandem vibratory roller, which was also being used on site.

"The electric roller has completed four nights without needing a charge, and that's been a massive surprise. I thought we'd be getting halfway through the night and start thinking about charging but it's kept going and going. I've been really impressed."

Paul Hanslip adds: "The roller has worked really well. It's been really good for battery life and it's strangely quiet, in a good way."

OPERATOR FEEDBACK: QUIET OPERATION IMPROVES SAFETY

The crew operating the *e*ABG 4820 were initially hesitant about switching to electric paver but equally gave positive feedback citing the quiet operation as a particular benefit.

Kevin Rolfe, Driver noted the difference: "We're driven other electric machines where the motors whirred and whistled but this machine is really quiet which is handy. It's so much easier to talk to people than shouting or beeping the horn, it's a big advantage safety wise. Once you get used to the controls you forget that you're on an electric paver. There's no difference whatsoever."

The crew concurred. Paul Hanslip stated; "The only way you'd know it was electric is because there's no noise. I like the gates, there's no lag, from our perspective its brilliant.

Ali Comben added: "It does everything it needs to do. When we heard we were using an electric machine we weren't looking forward to it but we've been pleasantly surprised. If you want a decent asphalt laying machine, then it's a good bit of kit."

PARTNERSHIP AND PERFORMANCE

Site Manager Jake also appreciated Ammann's commitment to customer service and support: "I was very impressed with how Ammann came out and spent a few days showing us how it all worked. Having their presence on site made it a lot different to other trials and it makes things a lot smoother from my side."

Summarising the overall experience, Jake concluded: "Every night it has done exactly as it's supposed to. It's had plenty of charge left and it has operated absolutely perfectly, like a normal asphalt machine. It's been a pleasant surprise and I'd happily keep using it."

Ammann is committed to driving the transition to low-carbon construction. The successful deployment of the *e*ABG 4820 on this landmark National Highways project demonstrates that sustainability no longer requires a compromise on performance, setting a clear standard for the future of UK roadbuilding. •

eMISSION

WINNING CONTRACTORS WITH AMMANN MACHINES

Rental houses need to connect with contractors. They must turn prospects into customers – and customers into loyal regulars.

"The end users on the jobsite want convenience," said Eric Geukenne, Key Account Manager Rentals of Ammann. "They want hassle-free pickup, and they want productivity – from the minute they get the equipment, to when it leaves the jobsite."

"Ammann machines are built to make life easy for the rental business by including reduced service intervals, for example," Geukenne said. "But our fleet goes further. Our machines help strengthen the relationship between the rental house and its customers."

How does Ammann accomplish this?

MAXIMISED UPTIME

Nothing frustrates a contractor more than watching a machine – and a crew – sit idle. Ammann has built its business around uptime. Durable components, protective covers, and seamless system integration keep machines safe and operating.

Contractors know OEM reliability typically crosses product lines. A manufacturer that builds a high-quality rammer is likely to produce productive plate compactors, trench rollers, and single-drum and tandem rollers. This holds with Ammann.

INDUSTRY LEADERSHIP

Ammann vibratory plates move faster and climb steeper grades (up to 30%) than competitors. They also feature the lowest hand-arm vibration (HAV) in the industry. The recently released APR 52/75 and APR 58/75 Reversible Vibratory Plates showed improvements in HAV and other areas.

COMFORT THAT COUNTS

Operators often have sway over what equipment the boss chooses. Low HAV levels deliver a significant comfort advantage. Handles on Ammann Rammers can be gripped from all sides, improving control in tight spaces. Light tandem rollers offer spacious platforms and 360° visibility.

"Our machines help strengthen the relationship between the rental house and its customers."

TRANSPORT

Some Ammann Rammers fit in the bonnet of a passenger vehicle. Others are light enough to lift onto trucks or trailers. Heavier machines feature well-placed lifting and lashing points for fast, safe loading.

"Our research and experience have taught us that end users have little patience for loading and transport issues," Geukenne said.

INTUITIVE OPERATION

Operators who are new to Ammann machines will immediately notice the logical layout of the controls.

POWER = PRODUCTIVITY

Ammann provides strength across its product line. Drum shells on Ammann Trench Rollers can be easily swapped between narrow and wide widths. All Ammann Rammers offer at least two shoe sizes. Plate bases that shed materials contribute to uptime. Consistency across models helps operators become productive instantly. Even small touches, such as plate bases that shed materials, contribute to uptime and reduce frustrations.

ELECTRIC OPTIONS

Construction sites increasingly require electrically powered machines. A comprehensive range of e-drive products can help rental companies offer everything from a single source. "Ammann e-drives often deliver the same power as their traditional counterparts," Geukenne said. Interchangeable battery packs can be swapped between Ammann Plates and Rammers.

A one-stop shop

A contractor who rents a rammer today may need a trench roller next – and eventually a tandem roller. "Be positioned to help them," Geukenne said.

FLEET TRACKING

Ammann ServiceLink provides machine location, battery charge, and hours of use.

INFRARED REMOTE CONTROL

Trench rollers can be unfamiliar to end users. Ammann's safety system distinguishes between "working zones" and "safety zones." Ammann's proprietary infrared remote control makes operation simple, even for novices.

CONNECT WITH CUSTOMERS

Ammann products help deliver exactly what contractors want: stress-free transport to the jobsite – and productivity at the jobsite. A rental business that provides convenience and performance is well-positioned to serve customers at every stage of their growth. •

Light Equipment

Soil and Asphalt Compactors

DRIVING THE SHIFT TO EMISSION-FREE CONSTRUCTION

Pure Energy, Sweden's first 100% emission-free rental company, continues to lead the transition toward sustainable construction.

Since its launch in February 2024, the company has offered only electric machines and tools for rent.

INNOVATION IN ACTION
*e*APH70/95

In close collaboration with Swecon and Ammann, Pure Energy was the first company in the world to utilise the 750 kg *e*APH 70/95 battery-powered hydrostatic plate compactor. Over the past year, the compactor has been deployed in demanding environments – from Stockholm's slaughterhouse district to tunnel projects where high nitrogen levels have historically posed serious challenges.

The feedback has been overwhelmingly positive: the *e*APH 70/95 is quiet, easy to maneuver despite its weight, and delivers impressive compaction power – all without harmful emissions.

EXPANDING THE PORTFOLIIO
*e*ATR68

Pure Energy recently expanded its product range with the Ammann *e*ATR68 battery-powered rammer. The machine immediately proved its value on a pipelaying project in tight sheet pile cassettes. Operators highlighted the Ammann rammer's agility, ease of handling, and — most importantly — the absence of exhaust gases, which is crucial when working in confined shafts.

With its multi-stage speed control, the *e*ATR68 excels in narrow environments while maintaining performance and operator comfort.

A SHARED VISION

Pure Energy's partnership with Swecon and Ammann is a testament to how collaboration can accelerate innovation.

Swecon is a prominent dealer of construction machinery in Sweden, Germany and the Baltic States.

Ammann is a world-leading supplier of mixing plants, machines and services to the construction industry with core expertise in road building and transportation infrastructure. The company is committed to sustainability throughout its product line and manufacturing processes.

Pure Energy is a pioneer in creating cleaner, quieter, and safer workplaces. By offering cutting-edge, emission-free solutions, Pure Energy is reducing the environmental impact and improving working conditions for operators across Sweden. •

*e*APH 70/95

A NEW STATE-OF-THE-ART CONCRETE PRODUCTION FACILITY

Wade Adams Ready Mix Concrete Manufacturing LLC Expands with new concrete production site in Dubai

Wade Adams Ready Mix Concrete Manufacturing LLC, part of the renowned Wade Adams Group of Companies, has recently commissioned a new state-of-the-art concrete production facility in Jebel Ali, Dubai.

The site is equipped with two Ammann Elba CBT 130 plants, marking another milestone in the company's long-standing commitment to delivering high-quality ready-mix concrete solutions across the region.

A LEGACY OF EXCELLENCE IN CONSTRUCTION

Founded in 1976, Wade Adams has grown into one of the most significant construction and engineering companies in the UAE, with operations extending into Qatar and Cyprus. The group employs over 11,000 professionals and operates a fleet of more than 4,000 heavy and light equipment units, positioning it as a key player in projects ranging from interchanges, tunnels, and highways to dams, residential developments, and ready-mix concrete supply.

STRENGTHENING TIES WITH AMMANN

Wade Adams is one of Ammann's most important customers in the Dubai region, with a strong history of using both asphalt and concrete production technology from the brand. Their latest investment in the CBT 130 concrete batching plants continues this trusted relationship.

WHY AMMANN ELBA CBT 130?

The decision to expand with Ammann Elba was driven by the brand's strong reputation, proven reliability, and successful performance history of Ammann asphalt plants already in use by Wade Adams. The new CBT 130 plants offer efficiency, consistency, and robust capacity, enabling Wade Adams to meet the growing demand for high-quality concrete in the UAE.

A TAILORED TWIN-PLANT SETUP

The dual CBT 130 configuration installed at Jebel Ali was customized to fit the unique conditions and space constraints of the local site. The CBT concrete plants are modular in design, which significantly reduces erection time, transport costs, and installation complexity. This modularity not only supported the customized twin-plant setup but also provided greater efficiency and faster commissioning.

ADVANCED PLANT FEATURES

Each of the two CBT 130 plants installed at Jebel Ali is equipped with the renowned Elba CEM 3000 TP mixer, capable of producing up to 130 m^3 of concrete per hour. To ensure flexibility and efficiency, the plants feature a five-compartment aggregate storage system with a total capacity of 125 m^3, as well as precise dosing equipment for multiple additives, silica, and ice.

MIXER ADVANTAGES

The Elba CEM 3000 TP twin-shaft, twin-spiral mixer ensures perfectly homogeneous concrete mixes in less time. Its unmatched output performance supports high efficiency on large-scale projects. The design features easy-to-remove shaft seals, which reduce downtime during maintenance. In addition, the wear parts offer industry-leading durability, ensuring the longest service life and maximum value.

AS1 PLANT CONTROL SYSTEM

At the heart of the production system is the Ammann AS1 plant control system, designed to guarantee maximum quality and reliability. The system provides high-end process visualization, consistency checks, and real-time moisture measurement, ensuring a stable, efficient production cycle. Importantly, the ice-making and ice-dosing processes are fully integrated into the AS1 control system, enabling seamless management of all critical parameters from a single interface. This integration ensures that even under the UAE's extreme climatic conditions, the concrete mix maintains the highest quality and consistency.

AMMANN DUBAI – THE DRIVING FORCE BEHIND THE PROJECT

The project was realized through Ammann Dubai, the regional hub responsible for Ammann asphalt and concrete plants as well as road-building equipment, including pavers and compaction machinery, across the Middle East. The Ammann Dubai operation is led by Mr. Fouad Abou Rjeili, who manages the branch with a focus on delivering customer-driven solutions tailored to the region's infrastructure needs.

THE CONCRETE PLANT SPECIALIST – ABHIRUP CHATTERJEE

Supporting the project on the ground was Abhirup Chatterjee, Concrete Plant Specialist at Ammann Dubai. With over 15 years of experience in the concrete machinery industry, Chatterjee brings deep expertise in concrete plants, precast plants, and concrete pumps. His technical knowledge and hands-on approach were instrumental in ensuring a smooth installation and start-up of the new CBT 130 plants at Wade Adams' Jebel Ali site.

A TRUSTED PARTNERSHIP

With this expansion, Wade Adams further strengthens its role as a leading supplier of ready-mix concrete, reinforcing its ability to deliver on complex infrastructure and development projects across the Middle East. The collaboration with Ammann Dubai highlights a partnership built on trust, performance, and shared commitment to excellence. •

"The new CBT 130 plants offer efficiency, consistency, and robust capacity for high-quality concrete."

AMMANN'S NEW SAFETY SYSTEM SUCCESSFULLY TESTED ON JOBSITE

The new Ammann Safe Assist (ASA) system was officially validated during construction of a section of the D35 motorway in the Czech Republic

The D35 motorway is among the most high-profile roadbuilding projects in Central Europe. The jobsite validation, using an Ammann ARP 75 Heavy Tandem Roller, occurred in a key corridor that connects the cities of Jičín and Hradec Králové.

Ammann Safe Assistant is active anti-collision technology, designed to reduce risks on jobsites that have a high volume of machines and personnel by assisting operators with braking and machine deceleration.

SYSTEM INTRODUCTION

The ASA system increases safety during paving and compaction. It is particularly helpful when a large number of machines and people are in a relatively small area. Such occurrences are common during roadbuilding and the associated paving trains.

The new ASA anti-collision system pro-actively prevents hazardous situations on the jobsite. It utilizes 3D mapping of the environment and measures distances between objects – including pavers, compactors, trucks, personnel and other obstacles. The system alerts the operator, via a visual warning, if it identifies a possible collision. If the machine and object become closer, the system slows the machine in a controlled manner. If necessary, ASA will stop the machine entirely.

Customer validation of ASA was focused on monitoring the following functionalities:

- Machine's active deceleration when passing other rollers;
- System's reaction when driving behind the paver;
- Working near walls and curbs;
- Loading/offloading the ARP 75 from the trailer.

The main display highlighted objects and appropriately provided operators with the proper situational awareness. The ASA system was consistent in every mode and met all expectations. •

UNRIVALED MASTERS

SUSTAINABILITY @AMMANN

AMMANN'S WOOD DUST BURNER

Pioneering sustainable combustion technology

WOOD DUST BURNERS AMMANN
20+ MILLION TONS
& COUNTING
ASPHALT PRODUCED WORLDWIDE

A RENEWABLE SOURCE

The **Ammann wood dust burner** is growing in popularity.
It's easy to see why:

- Wood dust can be locally sourced, reducing transport costs;
- It's a renewable energy source;
- The burner transforms a waste material into fuel;
- It's a proven process, with millions of tonnes of mix produced by asphalt plants equipped with Ammann wood dust burners.

The Ammann wood dust burner can be retrofitted on plants provided by Ammann or competitive manufacturers.

For additional product information and services please visit: **www.ammann.com**

AMMANN

REMOTE CONTROL

How Downer uses Ammann's PIP module to drive decisions.

In the competitive world of asphalt production, having real-time access to plant data is no longer a luxury – it's a necessity. For Downer, a leading provider of transport and infrastructure services in Australia, leveraging Ammann's AS1 PIP module has significantly enhanced tracking and decision-making.

The PIP (Plant Information Point) module is a mobile-ready digital solution designed to give users access to key production data – anytime and from anywhere. With availability for desktop, tablet, or smartphone, it delivers critical information such as current production figures, plant status and performance, and batch protocols. The data is available in real-time and protocols can be downloaded, too.

As one of Australasia's leading transport and infrastructure partners, Downer Transport and Infrastructure manufactures and supplies bitumen-based products, delivers construction services, and provides strategic asset and infrastructure management. The Ammann High Recycling Technology (HRT) Asphalt-Mixing Plant in Rosehill, New South Wales, has been using the PIP module for the last two years. Its adoption was driven by the need for reliable access to key data, particularly to support off-site monitoring and after-hours decision-making.

According to Gordon McLisky, who oversees plant operations at Downer, the implementation of the PIP module quickly proved its worth and is now accessed daily. "The availability of key production parameters, particularly around temperature, along with access to production protocols after each run, made an immediate impact", he explains.

A key benefit is the ability to manage inventory and stock without being physically present at the plant. This capability has streamlined several internal processes, especially during off-hours when the plant is not staffed. "We're able to view stock levels remotely and make informed decisions after hours", McLisky says.

He finds production protocols and plant temperature data – such as virgin dryer and mixed material temperatures – the most valuable features. These data points are essential for quality assurance and process validation, particularly when responding to asphalt quality queries.

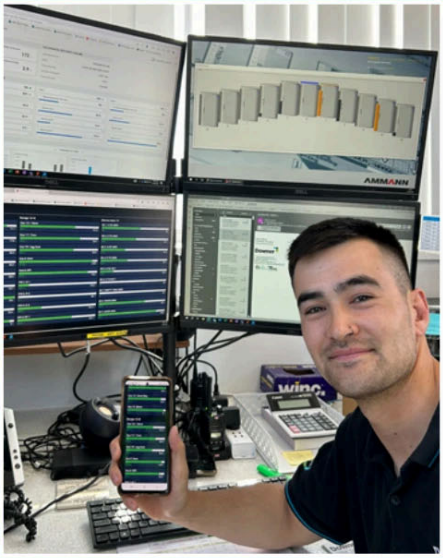
The PIP module also earns praise for its user-friendly interface. The data is presented in a clear, accessible format. These reports, which also can be downloaded, are used daily at Downer to ensure production stays within defined tolerance ranges and to confirm the plant is operating as expected.

Another often-overlooked benefit of the system is its ability to reduce interruptions to plant operators. With remote access to key metrics, supervisors like McLisky can stay informed and make decisions without needing to contact on-site staff. "It is a useful tool that allows me to get data without interrupting the plant operator – whether I am working on-site or off-site", he says.

> *"It is a useful tool that allows me to get data without interrupting the plant operator – whether I am working on-site or off-site."*

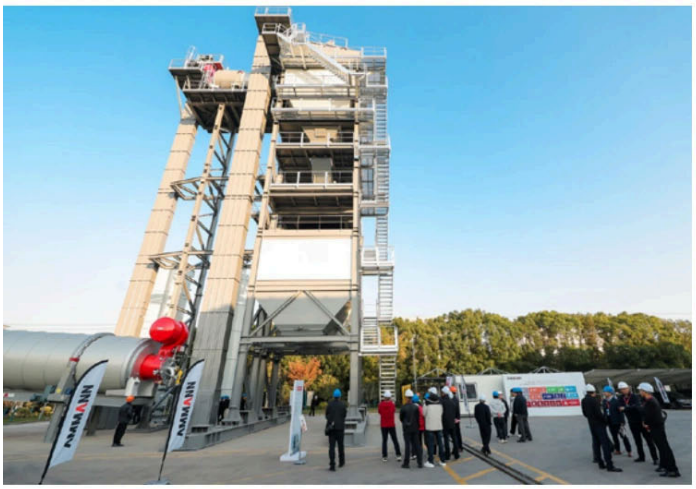
When asked whether he would recommend the PIP module, McLisky is unequivocal. “I would recommend it to plant managers that are not located on-site at the asphalt plant. Access to the PIP module gives the user a lot of data that can be used to monitor plant processes and plant operators.”

As asphalt production becomes more digitized, tools like the AS1 PIP module offer a clear advantage. For companies like Downer, that advantage translates into better planning, improved quality control, and more efficient plant management – all from the palm of a hand. •



AMMANN ABP HRT RAH100

- HRT is an acronym for High Recycling Technology;
- The RAH100 is a counterflow dryer, with hot gas generator, positioned directly above the mixer;
- The plant enables the use of high percentages of recycled materials;
- The recycling system allows the addition of various additives, from foamed bitumen to consumer recyclables;
- The plant reduces sound and dust emissions.



AMMANN CHINA MARKS MILESTONE

Ammann China recently celebrated its 20th anniversary in Zhangjiagang, marking a significant milestone in its long-term investment and growth in the Chinese market.

The ceremony brought together local government leaders, industry experts, and partners from across the country to reflect on two decades of progress and to look ahead to future opportunities.

A key highlight of the event was the official launch of Ammann's new roadbuilding equipment factory in Zhangjiagang's Dongjiu International Industrial Park. The facility will manufacture ABG pavers and compaction equipment, improving delivery speed, service responsiveness, and manufacturing capacity in China.

Technical presentations further showcased Ammann's innovations in asphalt production and road construction. Featured were the ContiQuick 140 continuous mixing plant and the ABA UniHRT 320 recycling batch plant, along with the AS1 Control System and core components from the Plant Division, and ABG pavers and Ammann rollers from the Road Equipment Division.

Over the past 20 years, Ammann has grown from its early operations in Shanghai into a fully localized, technology-driven leader supporting China's roadbuilding sector. With the addition of the Zhangjiagang facilities, Ammann now operates a dual-track manufacturing structure in China, producing both asphalt plants and machines. The structure enhances supply chain efficiency and offers complete solutions – from asphalt production to paving and compaction.

The anniversary celebration concluded with a signing ceremony, symbolizing a new chapter in Ammann's long-term commitment to sustainable development in China.

Overview of the latest Shows and Events

At **RecyclingAktiv & TiefbauLive 2025** (Karlsruhe, Germany), Ammann Verdichtung GmbH showcased its latest light equipment range, from rammers to trench rollers, with strong interest at both the outdoor booth and electric mobility demos. Highlights included the fully hydrostatic eAPH 70/95—the industry's first and heaviest electric plate in its class—and the new APA 90/110 and 110/110 attachment compactors. Live demonstrations and expert discussions drew significant attention, particularly around the performance and capabilities of the electric models.

The **Expo Paving 2025** (São Paulo, Brasil) reinforced Ammann's position as an industry leader in asphalt-mixing technologies, with a primary focus on the use of high percentages of recycled material. The September event also highlighted the advanced ABG pavers and welcomed visitors from across Latin America, generating business opportunities and strengthening relationships — always aligned with the motto productivity partnership for a lifetime.

Asphaltica World 2025 (Bari, Italy) took place at a pivotal moment for the road-construction supply chain, which is expected to turn sustainability, circular economy, safety and quality into measurable, scalable actions. The event brought decision-makers, academia, businesses and associations together to align regulations, methods and technologies and move the sector toward more efficient, transparent, life-cycle-oriented practices. The objective was clear: accelerate the shift from guidelines to practical standards that reduce emissions, enhance durability and ensure safety and service quality. With its longstanding sustainability commitment, Ammann presented "New Horizons of Sustainable and Technological Development in Asphalt Mixing Plants," led by Marzio Ferrini, highlighting next-generation, eco-efficient solutions and enabling strong stakeholder engagement.

SIM (Lion, France) was a particularly high-quality late-October trade show, with strong attendance and many relevant contacts, especially from key accounts interested in our pavers and retrofit solutions for asphalt-mixing plants. A highly relationship-driven event with major national players (Eiffage, Vinci, Colas...).

The Ammann Sales Training Conference, held on 11 November at Ammann Türkiye in Ankara, brought together colleagues and sales partners from multiple countries for a day of learning and collaboration. Product presentations, factory tours and knowledge exchanges created a dynamic atmosphere that reinforced shared goals and strengthened relationships. Thanks to the warm hospitality of the Ammann Türkiye team, the event showcased Ammann's international spirit and commitment to continuous development — further uniting the global Team Ammann community.

Paysalia (Orleans, France) had an exceptional footfall. The audience—mainly new profiles focused on landscaping as well as young entrepreneurs—showed strong interest in our compaction equipment and mini-excavator range. Many promising discussions and several potential business opportunities emerged.


TiefbauLive


Expo Paving

Asphaltica

SIM

The Ammann Sales Training Conference

Paysalia

Visit us in 2026

MARCH

ARA Show
Orlando, USA

Conexpo
Las Vegas, USA

DLR Congress
Toulouse, FRA

APRIL

Smopyc
Zaragoza, ESP

MAY

Samoter
Verona, ITA

JUNE

IRE Show
Maastricht, NLD

Hillhead Quarry Show
Derbyshire, UK

Shows and events

DON'T MISS OUT!

SIGN UP TODAY AND RECEIVE YOUR NEXT COPY OF OUR CUSTOMER MAGAZINE.

- Enjoy exclusive interviews with specialists
- Read compelling testimonials from customers around the world
- Stay informed about new products and technology

Sign up today

Strengthening Infrastructure for the Next Generation

www.ammann.com