

AMMANN

ASPHALT PAVERS

ASPHALT PAVER PROGRAM
WHEELED AND TRACKED



AMMANN GROUP WORLDWIDE

NINE MANUFACTURING FACILITIES AND CENTRES OF COMPETENCE
AND OVER 200 AGENCIES AND SALES PARTNERS



MACHINES

LIGHT COMPACTION



SOIL & ASPHALT COMPACTORS



ASPHALT PAVERS



PLANTS

CONCRETE MIXING PLANTS



ASPHALT MIXING PLANTS





AN INNOVATIVE FAMILY FIRM

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. Our strengths are the forthcoming approach of a family firm that has been operating for many years, coupled with our strong and well-established international presence. Since 1869, we have been setting benchmarks in the road-building industry, thanks to countless innovations and solutions that are as competitive as they are dependable.

True to our motto, "Productivity Partnership for a Lifetime," we gear our activities to the needs and requirements of our customers around the globe. We are aware that plants and machines that prove their merits day after day under tough operating conditions are the only way to give our customers the critical, competitive edge they need. As you would expect, we provide a well-developed service network and reliable supply of spare parts, together with support throughout the lifetimes of the plants and machines that we offer.

THE RIGHT FIT ON YOUR JOBSITE

AMMANN PAVER PROGRAM

The full line of Ammann pavers offers a match for virtually any paving application. That includes narrow streets that require small, manoeuvrable machines – and open spaces, where the paver needs to cover ground quickly and still leave behind a quality mat.

WHEELED ASPHALT PAVERS



AFW 150-2

WEIGHT: 1150 kg
MAX. PAVING WIDTH: 1650 mm



AFW 270

WEIGHT: 5200 kg
MAX. PAVING WIDTH: 3330 mm



AFW 350

WEIGHT: 7500 kg / 7700 kg
MAX. PAVING WIDTH: 4500 mm



AFW 500

WEIGHT: 15 000 kg
MAX. PAVING WIDTH: 6500 mm

TRACKED ASPHALT PAVERS



AFT 270 F

WEIGHT: 5000 kg
MAX. PAVING WIDTH: 3330 mm



AFT 270

WEIGHT: 5200 kg
MAX. PAVING WIDTH: 3330 mm



AFT 350

WEIGHT: 7500 kg / 7700 kg
MAX. PAVING WIDTH: 4500 mm



AFT 500

WEIGHT: 15 000 kg
MAX. PAVING WIDTH: 6500 mm

AFW 150-2

MINI WHEELED ASPHALT PAVER

PRODUCTIVITY IN TIGHT SPACES

The AFW 150-2 is a unique machine that has no competitors on the market. The tight turning radius and clearance width make it ideal for paving footpaths and handling repair work in narrow surroundings. The paver is easy to transport and allows a fast set-up on the jobsite.

The AFW 150-2 is a three wheel paver: two in the rear to enable traction and one in front for steering. The fixed hopper can be side-loaded with a skid steer.

The air-cooled diesel engine with electric start/stop is integrated with the hydraulic pumps. The hydrostatic transmission is engaged by a variable-flow pump that feeds two orbital motors fitted to the planetary drives of the wheels. A hydraulic control, mounted on the variable flow pump, enables smooth starts and stops. The paver also features hydraulic steering, easily controlled by the new steering wheel.



HIGHLIGHTS

- Paving width range of 250–1650 mm
- Ideal for narrow environments due to clearance width and tight turning radius of 0.8 m
- Reliable Hatz engine ensures proper power for all applications
- Maximum working speed up to 10 m/min
- Internal hopper with chutes enables easy loading
- Optional twin wheels boost traction on difficult terrain



TECHNICAL SOLUTIONS FOR YOUR JOBSITE

FUNCTIONALITY UNDER ANY CONDITIONS

Quality and productivity need to be built into pavers. The AFW 150-2 from Ammann has both, and is easy to operate after all. The key systems and technology that make the machine so user-friendly work in the background for trouble-free operation.



HYDRAULIC EXTENDABLE SCREED

The new -2 Generation of the AFW 150 features an hydraulic extendable screed, making operation even easier for the crew. With extensions of 2 x 175 mm the paving width can be extended up to 1650 mm in total.



ERGONOMIC OPERATOR STATION

A complete new operator station makes the work with the AFW 150-2 easier and allows new operators to get up to speed quickly. The intuitive dashboard and an ergonomic steering wheel allow simple operation even in stressful situations on site.



OPTIMIZED MATERIAL FLOW

With the AFW 150-2 you are guaranteed that you have the right amount of material delivered to your screed at any time. The material flow has been optimized by the use of a high quality chain belt conveyor as well as the enlarged auger with 120 mm diameter.



MATERIAL FLOW DIVIDER

To control the flow of material towards the screed the AFW 150-2 features a new flow divider system as standard. By adjusting the mechanical hand crank on either side of the machine the operator can select how much material he wants delivered, or whether he wants to pave on only one side of the paver.



ADDITIONAL TRACTION WHEN NEEDED

Traction is a key factor for asphalt pavers. With its two rear wheels the AFW 150-2 mini paver ensures sufficient traction on all terrains. The machine can be equipped with twin wheels for more stability on wide paving widths.



LARGE SERVICE OPENING ON ENGINE HOOD

The complete service hood can be tilted in order to have exceptional access to the complete engine unit. A proof that Ammann provides solutions that make your daily work easier.





WEIGHT & DIMENSIONS

| | |
|----------------------------|---------|
| OPERATING WEIGHT (CECE) | 1150 kg |
| A MACHINE LENGTH | 2895 mm |
| B TRANSPORT LENGTH | 2503 mm |
| C MACHINE WIDTH | 878 mm |
| D MACHINE HEIGHT | 1640 mm |
| E HOPPER LENGTH | 2046 mm |
| F OPERATOR PLATFORM HEIGHT | 410 mm |

ENGINE & DRIVETRAIN

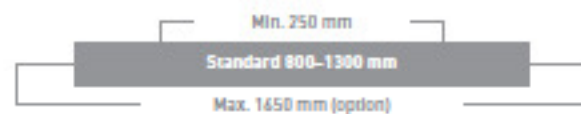
| | |
|-------------------------|---------------|
| MANUFACTURER | Hatz |
| TYPE | 1B40 |
| ENGINE COOLING SYSTEM | Air cooling |
| RATED POWER | 6.3 kW |
| UNDERCARRIAGE | Wheeled |
| WHEELS | 2 × 432 × 127 |
| DIRECTIONAL WHEEL | 1 × 330 × 152 |
| TRANSMISSION TYPE | Hydrostatic |
| STEERING TYPE | Hydraulic |
| INTERNAL TURNING RADIUS | 0.8 m |

PERFORMANCE

| | |
|----------------------------------|------------|
| MAX. THEORETICAL PAVING CAPACITY | 35 t/h |
| MAT THICKNESS | 5-100 mm |
| SPEED (TRANSFER) | 0-2.5 km/h |
| SPEED (PAVING) | 0-10 m/min |

SCREED SB 1300 G

| | |
|--------------------------|---------------------------------|
| STANDARD PAVING WIDTH | 800-1300 mm |
| MAX. W/ EXTENSIONS | 1650 mm |
| MIN. W/ REDUCTION PLATES | 250 mm |
| SCREED TYPE | SB standard, vibration optional |
| HEATING | Gas |



MATERIAL FEEDING

| | |
|-----------------|---|
| HOPPER CAPACITY | 0.6 m³ |
| CONVEYOR | One conveyor, reversible and automatic controlled |
| AUGER | Automatic controlled |

TANK CAPACITIES

| | |
|---------------|------|
| FUEL | 5 l |
| HYDRAULIC OIL | 11 l |

“Excellent visibility on all machine components make the Asphalt Pavers from Ammann a pleasure to pave with.”





YOUR BENEFITS AT A GLANCE

WHAT SETS AMMANN
ASPHALT PAVERS A PART?

EXCELLENT VISIBILITY

The paver design, sliding seat and dashboard enable the operator to see all phases of the paving process, which improves productivity, quality and safety.

LOW DISCHARGE HEIGHTS

Lower heights reduce material spillage that can cause mat defects. Hopper heights also match trucks of varied sizes, increasing fleet utilisation and making it easier to find outside haulers with appropriately sized vehicles.

EASY TO OPERATE

A user-friendly dashboard brings new operators up to speed quickly. Toggle switches are easy to operate, even when wearing gloves. Screed operators also benefit from the easy-to-use switches, which enable them to focus on the screed and not on the controls.

LEVELING SYSTEM SELECTION

Ammann pavers enable connectivity to the system of your choice, helping you maximise your crew's experience and talent. Your crew will be confident and comfortable, which leads to productivity and superior quality.





SETTING THE STANDARD

Ammann proves its commitment to your success by making "standard" the features you need most. They include:

- Electronically controlled hydraulic auger height adjustments
- Two independent, reversible conveyors
- Folding canopy
- Emulsion tank and sprayer unit

Ammann also provides the only wheeled pavers in key classes – further evidence of a commitment to deliver a machine that's the perfect match for your jobsite.

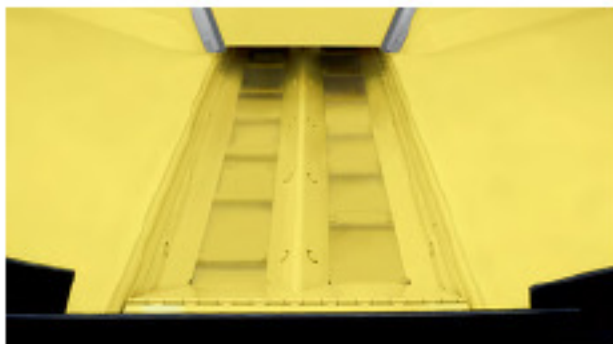
**“Quality and productivity
need to be built into pavers.
Ammann machines
have both.”**



TECHNICAL SOLUTIONS FOR YOUR JOBSITE

FUNCTIONALITY UNDER ANY CONDITIONS

Quality and productivity need to be built into pavers. Ammann machines have both, and they also are easy to operate. The key systems and technology that make them user-friendly work in the background for trouble-free operation.



MATERIAL FEEDING

Material is fed by two independent reverse chain-belt conveyors and augers, which are controlled by paddle microswitches. The switches regulate the flow to the screed and maintain the most effective distribution of material under any conditions. Auger height is adjusted by e-controlled hydraulics.



SCREED ASSIST

The ISR support system is an e-hydraulic device that unloads the weight of the screed, thereby enabling an increase in paving depth. Transferring the weight of the screed onto the tractor unit also improves traction.



WHEELED UNDERCARRIAGE

The wheeled paver has three axles: two in the front for optimal steering and a rear axle fitted with large pneumatic tyres for traction, particularly effective on soft ground. Full rubber wheels are fitted to the oscillating front axles. A steering system with a hydraulic pump provides smooth control when turning.



TRACKED UNDERCARRIAGE

The tracked machine has rubber pads and an automatic tensioning system with a grease accumulator. The hydrostatic transmission is engaged by two variable-flow pumps that feed two motors – with two displacements, directly attached to the planetary gearboxes that operate the tracks. An electronic and proportional control mounted on each pump provides a progressive start/stop and maintains a constant set speed.

AFW 270

WHEELED ASPHALT PAVER

TIGHT WORKER BUILT FOR SPEED

These pavers have been designed for use on small and narrow sites where their compact dimensions, manoeuvrability and traction prove essential. The 4-wheel-drive traction allows a good transfer speed on the road and grants good traction even on difficult ground.

The Ammann AFW 270 is the only asphalt paver in its class offered in a wheeled version. It is ideal for use in narrow workspaces and small parking lots.

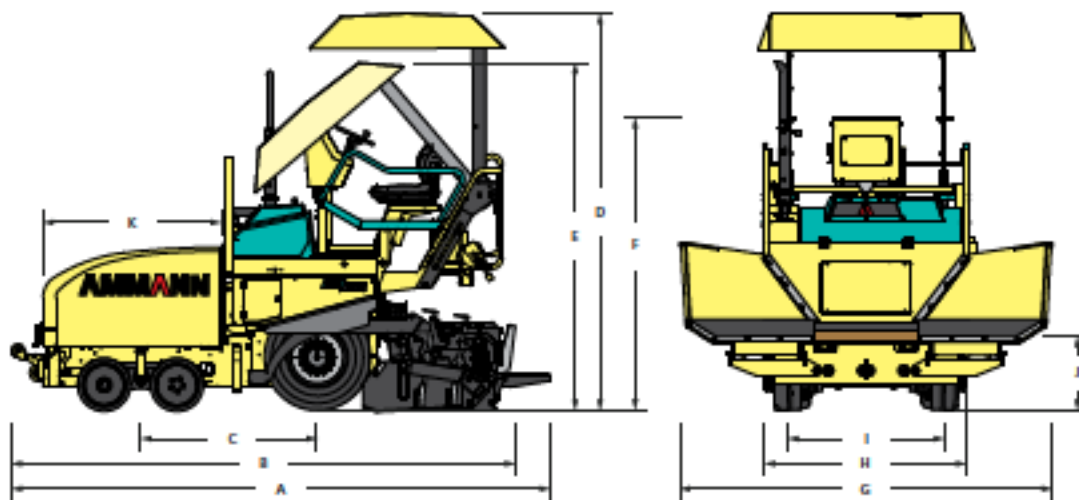
The wheeled paver has three axles: two in the front for optimal steering and a rear axle fitted with pneumatic tyres for traction, particularly effective on soft ground. Four-wheel drive is standard. The steering system, with a hydraulic pump, provides smooth control when turning.



HIGHLIGHTS

- Paving width range of 500–3330 mm
- 4-wheel drive
- Two independently driven, reversible conveyors
- Electric and gas screed heating systems available
- E-hydraulic auger height adjustment
- Excellent operator visibility
- Low discharge height for easy loading
- The only wheeled paver in its size class





WEIGHT & DIMENSIONS

| | |
|---------------------------|---------|
| OPERATING WEIGHT (CECE) | 5200 kg |
| A MACHINE LENGTH | 4250 mm |
| B TRANSPORT LENGTH | 4100 mm |
| C AXLE LENGTH | 1380 mm |
| D MACHINE HEIGHT | 3100 mm |
| E TRANSPORT HEIGHT | 2800 mm |
| F HEIGHT WITHOUT CANOPY | 2250 mm |
| G MACHINE WIDTH | 2900 mm |
| H TRANSPORT WIDTH | 1650 mm |
| I WHEEL GAUGE | 1180 mm |
| J MATERIAL LOADING HEIGHT | 560 mm |
| K HOPPER LENGTH | 1350 mm |

ENGINE & DRIVETRAIN

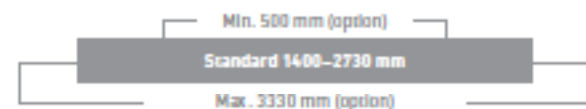
| | |
|-------------------------|-------------------|
| MANUFACTURER | Deutz |
| TYPE | D2011L031 |
| ENGINE COOLING SYSTEM | Oil / Air cooling |
| RATED POWER | 33.2 kW |
| UNDERCARRIAGE | Wheeled |
| TYRES | 265 x 70-R17,5 |
| DIRECTIONAL WHEELS | 415 x 180 |
| TRANSMISSION TYPE | Hydrostatic |
| STEERING TYPE | Hydraulic |
| INTERNAL TURNING RADIUS | 2.8 m |

PERFORMANCE

| | |
|----------------------------------|------------|
| MAX. THEORETICAL PAVING CAPACITY | 150 t/h |
| MAT THICKNESS | 5-250 mm |
| SPEED (TRANSFER) | 0-10 km/h |
| SPEED (PAVING) | 0-40 m/min |

SCREED FSV 270

| | |
|--------------------------|----------------|
| STANDARD PAVING WIDTH | 1400-2730 mm |
| MAX. W/ EXTENSIONS | 3330 mm |
| MIN. W/ REDUCTION PLATES | 500 mm |
| SCREED TYPE | Vibration |
| HEATING | Gas / Electric |



MATERIAL FEEDING

| | |
|-------------------------|-----------------------------|
| HOPPER CAPACITY | 6 t |
| CONVEYOR BELTS | Two independent, reversible |
| AUGERS | Two independent, reversible |
| AUGER HEIGHT ADJUSTMENT | E-Hydraulic |

TANK CAPACITIES

| | |
|----------------|------|
| FUEL | 70 l |
| HYDRAULIC OIL | 75 l |
| EMULSION SPRAY | 15 l |

AFT 270

TRACKED ASPHALT PAVER

KEEPING TIGHT JOBSITES ON TRACK

The paver's track system is ideally suited for tight jobsites with difficult underfoot conditions. The AFT 270 leaves behind a level mat even in challenging conditions. The tracks are equipped with rubber pads and an automatic tension system with a grease accumulator.

MAN-ON-BOARD VERSION

Man-on-board operations are conducted from an adjustable seat that can slide left or right. The high operator positioning provides an excellent view into the hopper. The dashboard adjusts with the seat position to facilitate ease of operation. Screed operators utilise ground controls with anti-vandal guards. This version is equipped with a manually foldable canopy that covers the operator stand.

OPEN PLATFORM (F-VERSION)

The AFT 270 is also available with an open platform (F-Version), which allows the operator to stand. The dashboard and the operator platform are mounted behind the machine, providing the operator with the best view of the screed and hopper.

MAN-ON-BOARD-VERSION



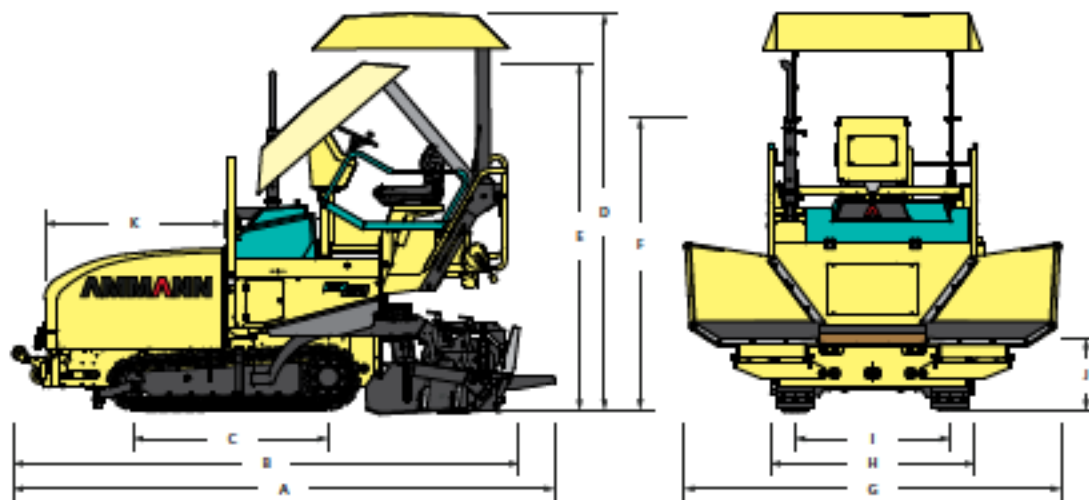
F-VERSION



HIGHLIGHTS

- Paving width range of 500–3330 mm
- Available with Man-on-Board or open platform (F-Version)
- Two independently driven, reversible conveyors
- Electric and gas screed heating systems available
- E-hydraulic auger height adjustment
- Excellent operator visibility
- Low discharge height for easy loading





WEIGHT & DIMENSIONS

| | |
|---------------------------|----------------------|
| OPERATING WEIGHT (CECE) | 5200 kg (F: 5000 kg) |
| A MACHINE LENGTH | 4250 mm (F: 4360 mm) |
| B TRANSPORT LENGTH | 4100 mm |
| C TRACK LENGTH | 1525 mm |
| D MACHINE HEIGHT | 3100 mm (F: 2195 mm) |
| E TRANSPORT HEIGHT | 2800 mm |
| F HEIGHT WITHOUT CANOPY | 2550 mm (F: 1800 mm) |
| G MACHINE WIDTH | 3170 mm |
| H TRANSPORT WIDTH | 1650 mm |
| I TRACK GAUGE | 1180 mm |
| J MATERIAL LOADING HEIGHT | 560 mm |
| K HOPPER LENGTH | 1350 mm |

ENGINE & DRIVETRAIN

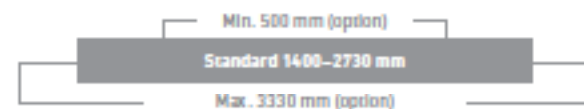
| | |
|-------------------------|-------------------|
| MANUFACTURER | Deutz |
| TYPE | D2011L031 |
| ENGINE COOLING SYSTEM | Oil / Air cooling |
| RATED POWER | 33,2 kW |
| UNDERCARRIAGE | Tracks |
| TRACK CONTACT SURFACE | 1525 x 200 mm |
| TRANSMISSION TYPE | Hydrostatic |
| STEERING TYPE | Electronic |
| INTERNAL TURNING RADIUS | 0.7 m |

PERFORMANCE

| | |
|----------------------------------|------------|
| MAX. THEORETICAL PAVING CAPACITY | 150 t/h |
| MAT THICKNESS | 5-250 mm |
| SPEED (TRANSFER) | 0-4.5 km/h |
| SPEED (PAVING) | 0-27 m/min |

SCREED FSV 270

| | |
|--------------------------|----------------|
| STANDARD PAVING WIDTH | 1400-2730 mm |
| MAX. W/ EXTENSIONS | 3330 mm |
| MIN. W/ REDUCTION PLATES | 500 mm |
| SCREED TYPE | Vibration |
| HEATING | Gas / Electric |



MATERIAL FEEDING

| | |
|-------------------------|-----------------------------|
| HOPPER CAPACITY | 6 t |
| CONVEYOR BELTS | Two independent, reversible |
| AUGERS | Two independent, reversible |
| AUGER HEIGHT ADJUSTMENT | E-Hydraulic |

TANK CAPACITIES

| | |
|----------------|------|
| FUEL | 70 l |
| HYDRAULIC OIL | 75 l |
| EMULSION SPRAY | 15 l |

AFW 350

WHEELED ASPHALT PAVER

E.U. STAGE IIIA / U.S. EPA Tier 3

E.U. STAGE IIIB / U.S. EPA Tier 4i

READY FOR OLD AND NEW PROJECTS

Flexibility is the strength of the AFW 350. It is well-suited to both new construction and for road maintenance and re-surfacing, particularly when working with modified and/or high-temperature bituminous mixtures with conglomerates.

The AFW 350 is ideal for city road networks, city centres, recreations areas, car parks and when general repairs and maintenance are needed. Despite its compact dimensions is the AFW 350 able to pave up to 4,5 m of width. The high working speed enables productivity, while a quick travel speed allows it to cover short distances quickly from one site to another without use of a semi-trailer.

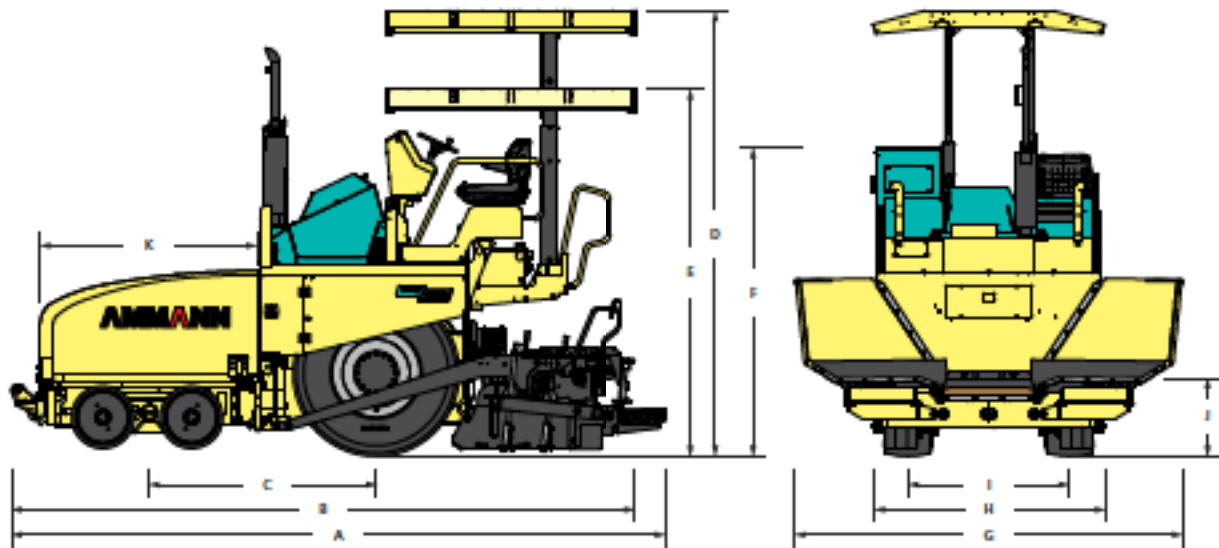
The wheeled paver has three axles: two in the front for optimal steering and a rear axle fitted with large pneumatic tyres for traction, particularly effective on soft ground. Large rubber tyres are fitted to the oscillating front axles. A steering system with a hydraulic pump provides smooth control when turning.



HIGHLIGHTS

- Paving width range of 1830–4500 mm
- Machine width enables truck transport without having to dismount when using 2×290 mm extension kits
- Two independently driven, reversible conveyors
- Electric and gas screed heating systems available
- Maximum working speed up to 35 m/min (theoretical)
- Maximum driving speed up to 12 km/h
- Largest tyre size in its class (15,5–R25)
- E-hydraulic auger height adjustment
- E-hydraulic roof lowering system
- Best operator visibility in this machine class
- Low discharge height for easy material loading





WEIGHT & DIMENSIONS

| | |
|---------------------------|----------------|
| OPERATING WEIGHT (CECE) | 7500 / 7700 kg |
| A MACHINE LENGTH | 5030 mm |
| B TRANSPORT LENGTH | 4900 mm |
| C AXLE LENGTH | 1735 mm |
| D MACHINE HEIGHT | 3480 mm |
| E TRANSPORT HEIGHT | 2800 mm |
| F HEIGHT WITHOUT CANOPY | 2500 mm |
| G MACHINE WIDTH | 3100 mm |
| H TRANSPORT WIDTH | 1850 mm |
| I WHEEL GAUGE | 1320 mm |
| J MATERIAL LOADING HEIGHT | 580 mm |
| K HOPPER LENGTH | 1660 mm |

ENGINE & DRIVETRAIN

| | US Tier 3 EU Stage IIIA | US Tier 4i EU Stage IIIB |
|-------------------------|----------------------------|-----------------------------|
| MANUFACTURER | Deutz | Deutz |
| TYPE | TD2011L04i | TCD 2.9 L4 |
| ENGINE COOLING SYSTEM | Oil / Air cooling | Water cooling |
| RATED POWER | 52 kW | 55.4 kW |
| UNDERCARRIAGE | Wheeled | Wheeled |
| TYRES | 15.5-R25 | 15.5-R25 |
| DIRECTIONAL WHEELS | 485 x 260 | 485 x 260 |
| TRANSMISSION TYPE | Hydrostatic | Hydrostatic |
| STEERING TYPE | Hydraulic | Hydraulic |
| INTERNAL TURNING RADIUS | 2.85 m | 2.85 m |

PERFORMANCE

| | |
|----------------------------------|------------|
| MAX. THEORETICAL PAVING CAPACITY | 230 t/h |
| MAT THICKNESS | 5-280 mm |
| SPEED (TRANSFER) | 0-12 km/h |
| SPEED (PAVING) | 0-35 m/min |

SCREED FSV 350 / FST 350

| | |
|--------------------------|--------------------------------|
| STANDARD PAVING WIDTH | 1830-3500 mm |
| MAX. W/ EXTENSIONS | 4500 mm |
| MIN. W/ REDUCTION PLATES | 800 mm |
| SCREED TYPE | Vibration / Tamper + Vibration |
| HEATING | Gas / Electric |



MATERIAL FEEDING

| | |
|-------------------------|-----------------------------|
| HOPPER CAPACITY | 8 t |
| CONVEYOR BELTS | Two independent, reversible |
| AUGERS | Two independent, reversible |
| AUGER HEIGHT ADJUSTMENT | E-Hydraulic |

TANK CAPACITIES

| | Tier 3 | Tier 4i |
|----------------|--------|---------|
| FUEL | 95 l | 110 l |
| HYDRAULIC OIL | 85 l | 90 l |
| EMULSION SPRAY | 25 l | 25 l |

AFT 350

TRACKED ASPHALT PAVER

E.U. STAGE IIIA / U.S. EPA Tier 3

E.U. STAGE IIIB / U.S. EPA Tier 4i

TIGHT WORKER WITH TRACKS

These pavers are ideally suited to small- and medium-sized jobsites with restricted environments where manoeuvrability is required. Despite their compact dimensions, they are able to pave at widths up to 4.5 m. This tracked paver is suitable for jobsites on difficult ground and ensures thorough levelling.

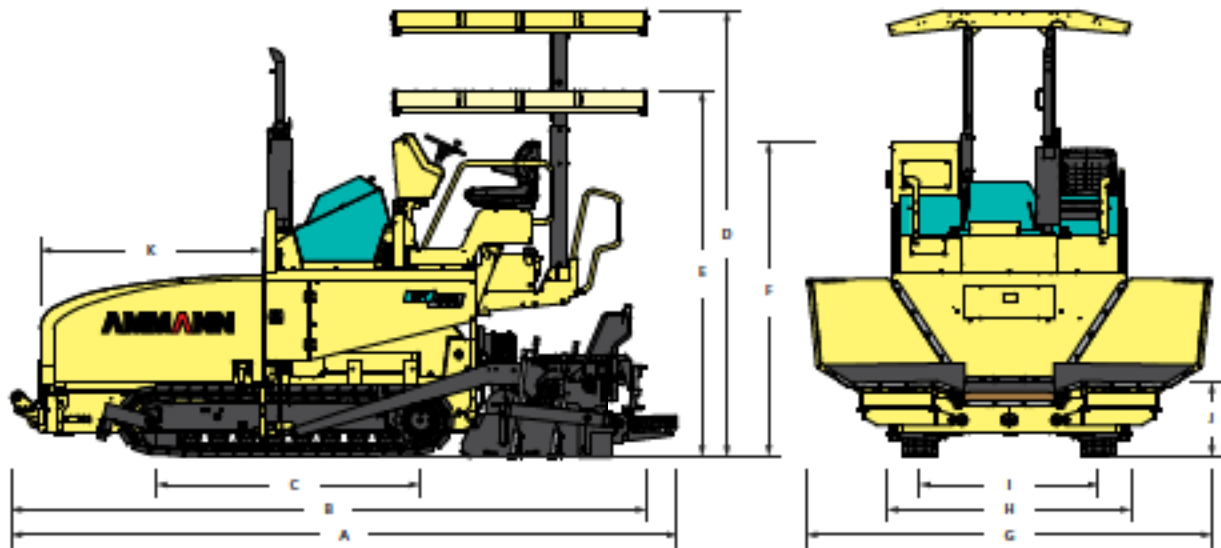
The tracked machine has rubber pads and an automatic tensioning system with a grease accumulator. The hydrostatic transmission is engaged by two variable-flow pumps that feed two motors – with two displacements directly attached to the planetary gearboxes that operate the tracks. An electronic and proportional control mounted on each pump provides a progressive start/stop and maintains a constant set speed.



HIGHLIGHTS

- Paving width range of 1830–4500 mm
- Machine width enables truck transport without having to dismount when using 2 x 290 mm extension kits
- Two independently driven, reversible conveyors
- Electric and gas screed heating systems available
- Maximum working speed up to 35 m/min (theoretical)
- E-hydraulic auger height adjustment
- E-hydraulic roof lowering system
- Best operator visibility in this machine class
- Low discharge height for easy material loading





WEIGHT & DIMENSIONS

| | |
|---------------------------|----------------|
| OPERATING WEIGHT | 7500 / 7700 kg |
| A MACHINE LENGTH | 5030 mm |
| B TRANSPORT LENGTH | 4900 mm |
| C TRACK LENGTH | 2033 mm |
| D MACHINE HEIGHT | 3480 mm |
| E TRANSPORT HEIGHT | 2800 mm |
| F HEIGHT WITHOUT CANOPY | 2500 mm |
| G MACHINE WIDTH | 3100 mm |
| H TRANSPORT WIDTH | 1850 mm |
| I TRACK GAUGE | 1320 mm |
| J MATERIAL LOADING HEIGHT | 580 mm |
| K HOPPER LENGTH | 1660 mm |

ENGINE & DRIVETRAIN

| | US Tier 3 EU Stage IIIA | US Tier 4i EU Stage IIIB |
|-------------------------|----------------------------|-----------------------------|
| MANUFACTURER | Deutz | Deutz |
| TYPE | TD2011L04i | TCD 2.9 L4 |
| ENGINE COOLING SYSTEM | Oil / Air cooling | Water cooling |
| RATED POWER | 52 kW | 55.4 kW |
| UNDERCARRIAGE | Tracks | Tracks |
| TRACK CONTACT SURFACE | 2033 x 250 mm | 2033 x 250 mm |
| TRANSMISSION TYPE | Hydrostatic | Hydrostatic |
| STEERING TYPE | Electronic | Electronic |
| INTERNAL TURNING RADIUS | 1.50 m | 1.50 m |

PERFORMANCE

| | |
|----------------------------------|------------|
| MAX. THEORETICAL PAVING CAPACITY | 230 t/h |
| MAT THICKNESS | 5-280 mm |
| SPEED (TRANSFER) | 0-4.5 km/h |
| SPEED (PAVING) | 0-35 m/min |

SCREED FSV 350 / FST 350

| | |
|--------------------------|--------------------------------|
| STANDARD PAVING WIDTH | 1830-3500 mm |
| MAX. W/ EXTENSIONS | 4500 mm |
| MIN. W/ REDUCTION PLATES | 800 mm |
| SCREED TYPE | Vibration / Tamper + Vibration |
| HEATING | Gas / Electric |



MATERIAL FEEDING

| | |
|-------------------------|-----------------------------|
| HOPPER CAPACITY | 8 t |
| CONVEYOR BELTS | Two independent, reversible |
| AUGERS | Two independent, reversible |
| AUGER HEIGHT ADJUSTMENT | E-Hydraulic |

TANK CAPACITIES

| | Tier 3 | Tier 4i |
|----------------|--------|---------|
| FUEL | 95 l | 110 l |
| HYDRAULIC OIL | 85 l | 90 l |
| EMULSION SPRAY | 25 l | 25 l |

AFW 500

WHEELED ASPHALT PAVER

E.U. STAGE IIIA / U.S. EPA Tier 3

E.U. STAGE IV / U.S. EPA Tier 4f

A MANOEVRABLE, PRODUCTIVE PERFORMER

The AFW 500 excels on medium to large jobs requiring good manoeuvrability and high performance. Exceptional weight distribution makes the AFW 500 easy to handle, while the maximum paving width of 6.5 m makes it a good fit for a wide range of applications.

The wheeled paver has three axles: two in the front for optimal steering and a rear axle fitted with large pneumatic tyres for traction, particularly effective on soft ground. Large rubber tyres are fitted to the oscillating front axles. A steering system with a hydraulic pump provides smooth control when turning.

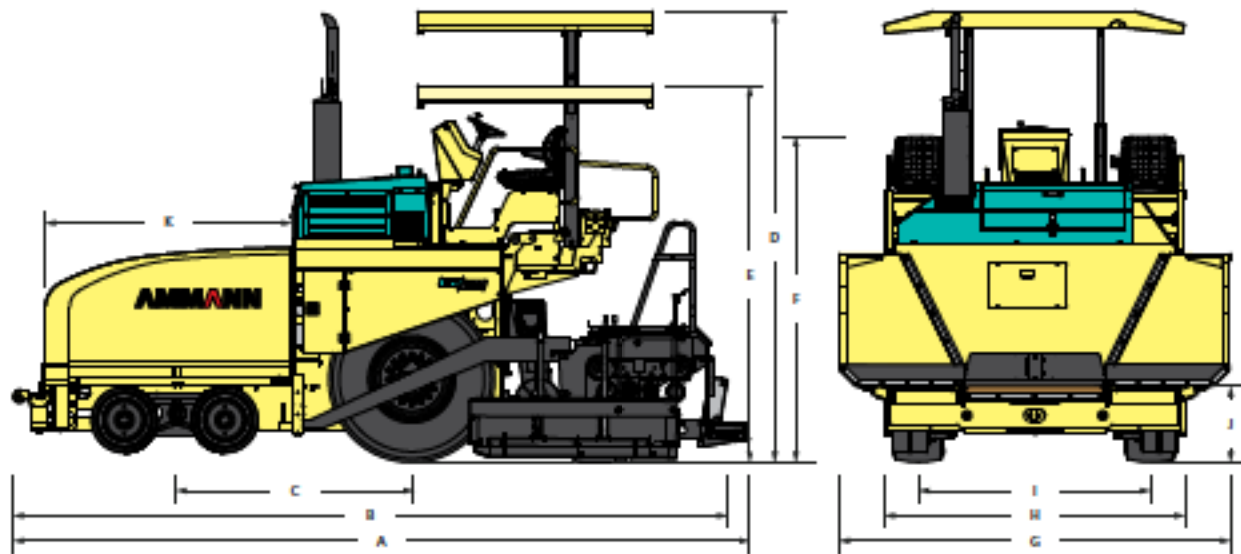
The machine is available with 2-, 4- or 6-wheel drive, providing traction on difficult surfaces. The paver features two working speeds and two travel speeds, enabling quick movement from one end of the jobsite to another.



HIGHLIGHTS

- Paving width range of 2550–6500 mm
- Two working and two travel speeds
- Two independently driven, reversible conveyors
- Electric and gas screed heating systems available
- E-hydraulic auger height adjustment
- E-hydraulic roof lowering system
- Excellent operator visibility
- Low discharge height for easy material loading





WEIGHT & DIMENSIONS

| | |
|---------------------------|-----------|
| OPERATING WEIGHT | 15 000 kg |
| A MACHINE LENGTH | 6100 mm |
| B TRANSPORT LENGTH | 5840 mm |
| C AXLE LENGTH | 1922 mm |
| D MACHINE HEIGHT | 3520 mm |
| E TRANSPORT HEIGHT | 3100 mm |
| F HEIGHT WITHOUT CANOPY | 3000 mm |
| G MACHINE WIDTH | 3240 mm |
| H TRANSPORT WIDTH | 2550 mm |
| I WHEEL GAUGE | 2076 mm |
| J MATERIAL LOADING HEIGHT | 400 mm |
| K HOPPER LENGTH | 2000 mm |

ENGINE & DRIVETRAIN

| | US Tier 3 EU Stage IIIA | US Tier 4f EU Stage IV |
|-------------------------|----------------------------|---------------------------|
| MANUFACTURER | Cummins | Deutz |
| TYPE | QSB4.5 | TCD 4.1 L4 |
| ENGINE COOLING SYSTEM | Water cooling | Water cooling |
| RATED POWER | 119 kW | 115 kW |
| UNDERCARRIAGE | Wheeled | Wheeled |
| TYRES | 17,5-R25 | 17,5-R25 |
| DIRECTIONAL WHEELS | 530 x 300 | 530 x 300 |
| TRANSMISSION TYPE | Hydrostatic | Hydrostatic |
| STEERING TYPE | Hydraulic | Hydraulic |
| INTERNAL TURNING RADIUS | 3.7 m | 3.7 m |

PERFORMANCE

| | |
|----------------------------------|------------|
| MAX. THEORETICAL PAVING CAPACITY | 500 t/h |
| MAT THICKNESS | 5-300 |
| SPEED (TRANSFER) | 0-14 km/h |
| SPEED (PAVING) | 0-40 m/min |

SCREED FSV 500 / FST 500

| | |
|--------------------------|--------------------------------|
| STANDARD PAVING WIDTH | 2550-4900 mm |
| MAX. W/ EXTENSIONS | 6500 mm |
| MIN. W/ REDUCTION PLATES | 1500 mm |
| SCREED TYPE | Vibration / Tamper + Vibration |
| HEATING | Gas / Electric |



MATERIAL FEEDING

| | |
|-------------------------|-----------------------------|
| HOPPER CAPACITY | 12 t |
| CONVEYOR BELTS | Two independent, reversible |
| AUGER | Two independent, reversible |
| AUGER HEIGHT ADJUSTMENT | E-Hydraulic |

TANK CAPACITIES

| | |
|----------------|-------|
| FUEL | 200 l |
| HYDRAULIC OIL | 170 l |
| EMULSION SPRAY | 30 l |

AFT 500

TRACKED ASPHALT PAVER

E.U. STAGE IIIA / U.S. EPA Tier 3

E.U. STAGE IV / U.S. EPA Tier 4f

POWER-BOOSTING TRACKS

The AFT 500 is built to provide power and traction to pull the paver through challenging conditions. Its powerful engine and the superior tractions make it the ideal machine for big sized jobs where sufficient power and traction are crucial for a good road surface.

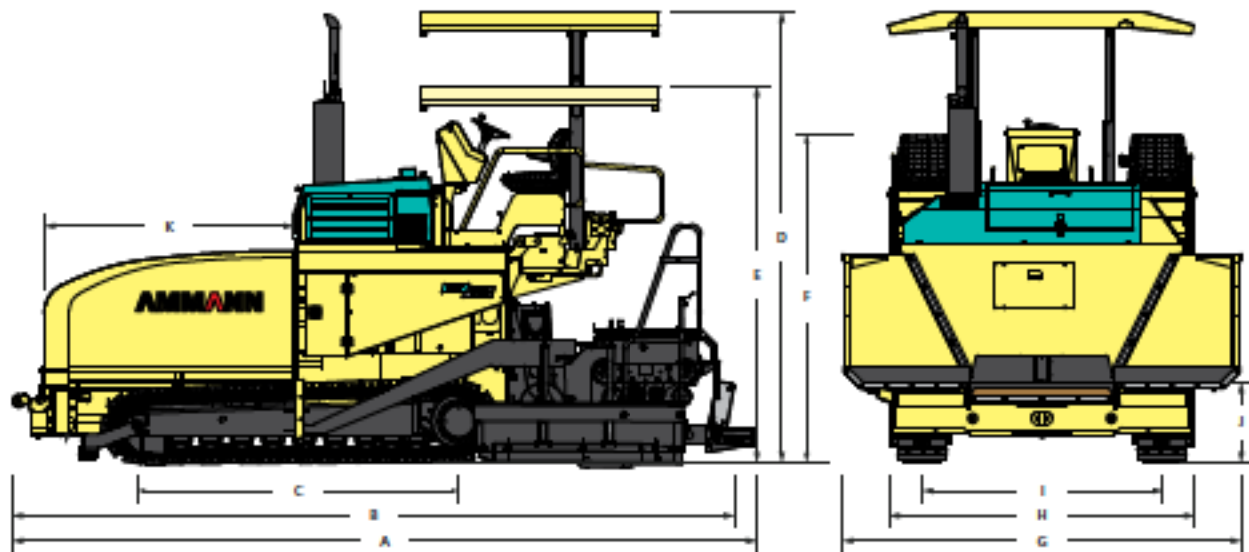
The track system of the AFT 500 has rubber pads and an automatic tensioning system with a grease accumulator. The hydrostatic transmission is engaged by two variable-flow pumps that feed two motors with two displacements directly attached to the planetary gearboxes that operate the tracks. An electronic and proportional control mounted on each pump provides a progressive start/stop and maintains a constant set speed.



HIGHLIGHTS

- Paving width range of 2550–6500 mm
- Two independently driven, reversible conveyors
- Electric and gas screed heating systems available
- E-hydraulic auger height adjustment
- E-hydraulic roof lowering system
- Excellent operator visibility
- Low discharge height for easy material loading





WEIGHT & DIMENSIONS

| | |
|---------------------------|-----------|
| OPERATING WEIGHT | 15 000 kg |
| A MACHINE LENGTH | 6100 mm |
| B TRANSPORT LENGTH | 5840 mm |
| C TRACK LENGTH | 2580 mm |
| D MACHINE HEIGHT | 3520 mm |
| E TRANSPORT HEIGHT | 3100 mm |
| F HEIGHT WITHOUT CANOPY | 3000 mm |
| G MACHINE WIDTH | 3240 mm |
| H TRANSPORT WIDTH | 2550 mm |
| I TRACK GAUGE | 2076 mm |
| J MATERIAL LOADING HEIGHT | 600 mm |
| K HOPPER LENGTH | 2000 mm |

ENGINE & DRIVETRAIN

| | US Tier 3 EU Stage IIIA | US Tier 4f EU Stage IV |
|-------------------------|----------------------------|---------------------------|
| MANUFACTURER | Cummins | Deutz |
| TYPE | QSB4.5 | TCD 4.1 L4 |
| ENGINE COOLING SYSTEM | Water cooling | Water cooling |
| RATED POWER | 119 kW | 115 kW |
| UNDERCARRIAGE | Tracks | Tracks |
| TRACK CONTACT SURFACE | 2580 x 300 mm | 2580 x 300 mm |
| TRANSMISSION TYPE | Hydrostatic | Hydrostatic |
| STEERING TYPE | Electronic | Electronic |
| INTERNAL TURNING RADIUS | 1.0 m | 1.0 m |

PERFORMANCE

| | |
|----------------------------------|------------|
| MAX. THEORETICAL PAVING CAPACITY | 500 t/h |
| MAT THICKNESS | 5-300 |
| SPEED (TRANSFER) | 0-4.5 km/h |
| SPEED (PAVING) | 0-37 m/min |

SCREED FSV 500 / FST 500

| | |
|--------------------------|--------------------------------|
| STANDARD PAVING WIDTH | 2550-4900 mm |
| MAX. W/ EXTENSIONS | 6500 mm |
| MIN. W/ REDUCTION PLATES | 1500 mm |
| SCREED TYPE | Vibration / Tamper + Vibration |
| HEATING | Gas / Electric |



MATERIAL FEEDING

| | |
|-------------------------|-----------------------------|
| HOPPER CAPACITY | 12 t |
| CONVEYOR BELTS | Two independent, reversible |
| AUGER | Two independent, reversible |
| AUGER HEIGHT ADJUSTMENT | E-Hydraulic |

TANK CAPACITIES

| | |
|----------------|-------|
| FUEL | 200 l |
| HYDRAULIC OIL | 170 l |
| EMULSION SPRAY | 30 l |

SCREEDS

AMMANN SCREEDS MAKE PAVERS AN EVEN BETTER FIT FOR YOU

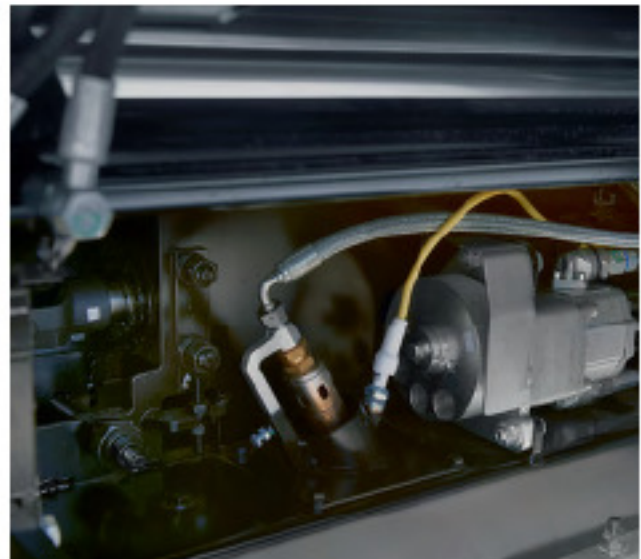
CHOOSE THE SCREED THAT FITS YOUR NEEDS

The systems can be heated with gas (LPG) or electric power – a good selection when working in sound-sensitive areas, such as residential neighborhoods. Whether gas or electric, the screeds heat thoroughly and consistently, which is essential to leaving behind a smooth mat.

| SCREED | SB 1300 G | FSV 270 | FSV 350 | FST 350 | FSV 500 | FST 500 |
|------------------------------------|-------------------|---------------|--------------------------|-------------------------------------|---------------|---------------|
| ASPHALT PAYER | AFW 150-2 | AFW/T 270 | AFW/T 350 | AFW/T 350 | AFW/T 500 | AFW/T 500 |
| BASIC WIDTH | 0.80 m | 1.40 m | 1.83 m | 1.83 m | 2.55 m | 2.55 m |
| OPEN WIDTH | 1.30 m | 2.73 m | 3.50 m | 3.50 m | 4.90 m | 4.90 m |
| MIN. PAVING WIDTH | 0.25 m | 0.50 m | 0.80 m | 0.80 m | 1.50 m | 1.50 m |
| MAX. PAVING WIDTH | 1.65 m | 3.33 m | 4.08 / 4.50 m | 4.08 / 4.50 m | 6.50 m | 6.50 m |
| TAMPER | – | – | – | 0/1650 rpm | – | 0/1700 rpm |
| VIBRATION | 3000 rpm (Option) | 0/3250 rpm | 0/3200 rpm | 0/3200 rpm | 0/3200 rpm | 0/3200 rpm |
| HEATING (GAS / ELECTRIC) | Gas | Gas/ Electric | Gas/ Electric | Gas/ Electric | Gas/ Electric | Gas/ Electric |
| HEATING TAMPER | – | – | – | – | – | – |
| NR. BURNERS | 3 | 4 | 4 | 4 | 8 | 8 |
| MECHANICAL EXTENSIONS | 2 × 175 mm | 2 × 300 mm | 2 × 290 mm 2 × 500 mm | 2 × 290 mm 2 × 500 mm | 2 × 800 mm | 2 × 800 mm |
| CROWN PROFILE | ± 2.0 % | ± 4.5 % | + 4.0 - 2.5 % | + 4.0 - 2.5 % | + 4.0 - 2.5 % | + 4.0 - 2.5 % |
| HYDRAULIC CROWN PROFILE ADJUSTMENT | – | Option | Option | Option | Option | Option |
| WEIGHT | 130 kg | 700 kg | 1226 kg | 1326 kg | 2900 kg | 3144 kg |
| WEIGHT (MECHANICAL EXTENSIONS) | 2 × 52 kg | 2 × 52 kg | 2 × 60 (290) kg | 2 × 82 (290) kg 2 × 118 (500) kg | 2 × 425 kg | 2 × 488 kg |
| ROTATING SIDE PLATES | – | – | – | – | Option | Option |
| FOLDABLE PLATFORM | Standard | Standard | Standard | Standard | Standard | Standard |



Electric heating.



Gas heating.



The ISR support system is an e-hydraulic device that unloads the weight of the screed, thereby enabling an increase in paving depth. The system also improves traction by transferring the weight of the screed onto the rear wheels or tracks. It also keeps the screed up when the machine is in standby mode. The pressure control for the ISR is easily accessible from the screed platform, enabling the screed operators to quickly adjust when needed. The hydraulic pressure used to unload the screed is displayed on a large gauge enabling the operator to know exactly with how much support the ISR system is currently working.

Ammann offers various screeds for the different paver classes. For the large pavers the screeds are available either with a vibration system or alternatively with a combined tamper and vibration system for optimised precompaction results.



AFTER SALES

ALWAYS AVAILABLE

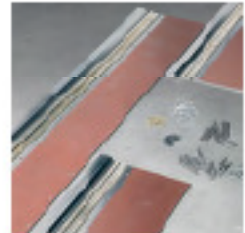
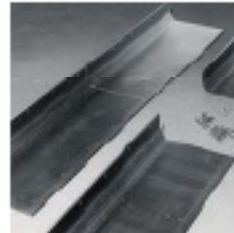
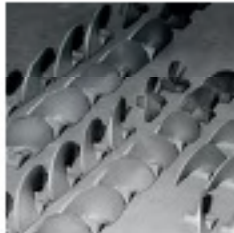
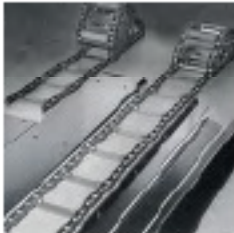
Ammann has taken steps to help ensure pavers are up and running – and stay that way. One key effort was a thorough analysis of critical paver components and their stocking levels to maximise parts availability. The analysts included an examination of parts utilisation around the world. Ammann experts looked at the machines, the components, the life of the parts and the applications among other factors. The result: You have the parts you need in a timely fashion.

EMERGENCY KITS

Emergency kits are another significant parts availability effort. They simplify on-site service, ensuring all parts are available when needed. The kits include the major components, but a great deal of attention also is given to providing the “little things,” such as nuts and bolts, that could cause delays if missing. The kits are now available for every Ammann paver model.

WEARING KITS

Pavers handle abrasive materials in demanding applications and some wear is inevitable. Wearing kits now make replacement of these parts efficient and cost-effective. As with the emergency kits, wearing kits include all the necessary parts – big and small – to ensure the paver's downtime is kept to a minimum.



TRAINING

THE KEY TO JOBSITE SUCCESS

Successful paving contractors know that crew training more than pays for itself through improved productivity and efficiency on the jobsite. Ammann offers training to both crews and the technicians who support the machines.

PAVING TRAINING

Key to the paving training program is its combination of classroom time and practical, hands-on training. Crews are taught lessons indoors and also trained on pavers to help them make the connection from the classroom to the jobsite. The programs are available at various Ammann facilities and also can be customised for your specific needs.

SERVICE TRAINING

Experts are available to teach your service technicians how to best maintain and repair Ammann pavers. This training helps your technicians extend the life of your pavers and maximise machine availability, which in turn keeps your crews productive. Service training is offered at various Ammann facilities or at dealer locations.



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

Specifications are subject to change.
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