

AFW 700-2

WHEELED ASPHALT PAVER
LARGE CLASS, CONVENTIONAL



TRACTION FOR TOUGH JOBSITES

This 4-wheel-drive paver delivers traction and power in the toughest applications. Large rear tires provide manoeuvrability, as does a tight turning radius. A variety of screed options helps ensure the machine is the perfect fit for every jobsite. Intuitive conventional electronics enable easy operation for the experienced and newcomers. The high operator platform provides exceptional visibility.

POWERFUL WHEEL DRIVE

- Large rear tires for great traction and manoeuvrability
- 4-wheel drive (2 rear and 2 front wheels)
- 2.5 m inner turning radius
- 15 km/h travel speed

OPERATOR COMFORT

- High operator platform for optimal visibility
- Adjustable seats and slidable-tiltable control console
- Conventional control panel with easy-to-use toggle switches

SUPERIOR SCREED TECHNOLOGY

- Gas or electric heating
- 2.55 m basic working width
- 6.6 m maximum paving width
- Stability through 4-tube principle
- Easy adjustment of the angle of attack
- Single crank to adjust height and side shield angle

MATERIAL FEEDING

- Auger height adjusts up to 250 mm
- Large hopper with individually controlled wings
- Reduced material segregation through hopper design and slim auger box
- Ultrasonic sensors control flow

SERVICEABILITY

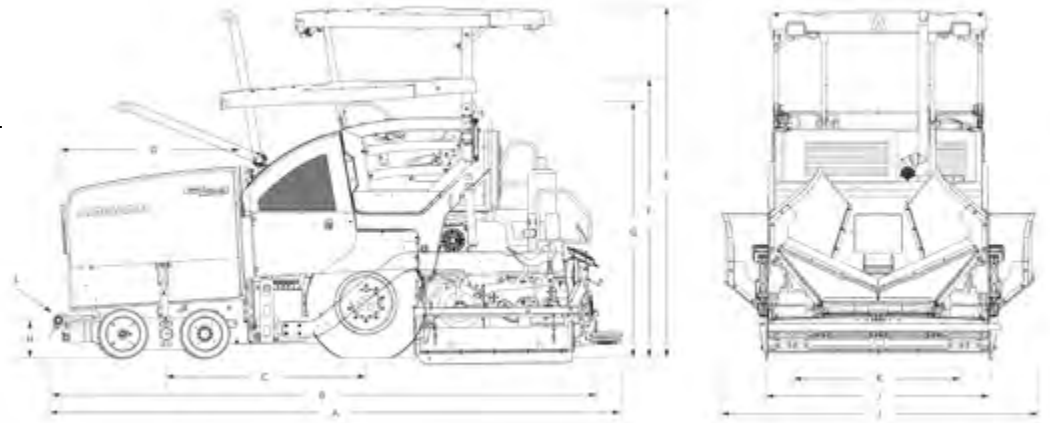
- Easy access
- All-in-one box kits available
- Easy replacement of dashboard toggle switches

APPLICATIONS

- National roads
- Highways
- Country roads
- City/municipal streets
- Building lots
- Large squares and courtyards

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TECHNICAL SPECIFICATIONS
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WEIGHT & DIMENSIONS

WEIGHT (INCLUDING STANDARD SCREED)	17 500 kg
A MACHINE LENGTH	6 380 mm
B TRANSPORT LENGTH	6 100 mm
C WHEEL BASE	2 240 mm
D HOPPER LENGTH	2 125 mm
E MACHINE HEIGHT	3 900 mm
F TRANSPORT HEIGHT	3 100 mm
G HEIGHT (W.O. CANOPY)	2 845 mm
H MATERIAL LOADING HEIGHT	495 mm
I MACHINE, OPEN HOPPERS WIDTH	3 250 mm
J TRANSPORT WIDTH	2 550 mm
K TRACK GAUGE WIDTH	2 055 mm
L MAX. APPROACH ANGLE	17° (front) / 16° (back)

CAPACITY & PERFORMANCE

PLACEMENT THICKNESS (MAX.)	300 mm
THEORETICAL PAVING CAPACITY	650 t/h
PAVING SPEED (MAX.)	30 m/min
TRANSPORT SPEED (MAX.)	15 km/h

WHEEL DRIVE

REAR WHEELS	Pneumatic tyres 2 × 445 / 80 R25
FRONT WHEELS	Elastic, solid rubber tyres 4 × 560 / 300-390
TRACTION	4WD (2 × rear wheels, 2 × front wheels)
TURNING RADIUS	2 477 mm (inside Radius) 6 065 mm (outside Radius)

SCREED OPTIONS

	STV 5100 G	STV 5100 E
BASIC WIDTH	2.55 m	2.55 m
HYDRAULIC EXTENDED WIDTH	5.10 m	5.10 m
MAX. WORKING WIDTH	6.60 m	6.60 m
HEATING SYSTEM	Gas (LPG)	Electric
SCREED TYPE	Tamper & vibration screed	Tamper & vibration screed

MATERIAL FEEDING SYSTEM

HOPPER CAPACITY	13 t
HOPPER DUMPING HEIGHT CENTER (W. HOPPER FLAP)	575 mm
HOPPER WIDTH, INTERNAL	3 140 mm
CONVEYOR TYPE	Dual bar feeder
CONVEYOR WIDTH	2 × 580 mm
CONVEYOR CONTROL	Automatic with limit switches
AUGER DIAMETER	380 mm
AUGER CONTROL	Automatic with ultrasonic sensors
AUGER HEIGHT ADJUSTMENT	250 mm (mechanical)

ENGINE

ENGINE MODEL	Cummins QSB 6.7 - C173
RATED POWER @ 2200 RPM	129 kW
EMISSIONS	Stage IIIA (T3)
ELECTRICAL SYSTEM	24 V
FUEL TANK CAPACITY	315 l

OPERATOR STATION

OPERATOR CONSOLE	Slidable and tiltable control console, adjustable to any position
DASHBOARD	Conventional electronic control
PLATFORM	Adjustable and swingable seats
ROOF	Canopy with integrated working lights