

eABG 4820

ASPHALT PAVERS
TRACKED



A small machine with big potential

- Machine's size and weight enables transport with additional equipment
- Auto track tensioner for smooth paving starts*
- Large hopper with front apron (option)
- High energy efficiency

Control with ease

- EPM3: intuitive control with a bird's eye view of a paver on the display
- Settings Manager to store and save customised settings
- PavePilot with Thermal Profiling, Weather View and Material Manager
- A very low noise level simplifies communication with the paving team

Highly efficient

- Powertrain components are perfectly harmonised for high efficiency

State-of-the-art service

- Service Interval Manager notifies the operator of required maintenance
- Ammann ServiceLink telematics system
- Service access from the platform provides ease of maintenance

Industry-leading screeds

- ABG designed screeds heat quickly
- The robust screed design produces a consistent, high-quality mat
- Easy screed control with the clear screed panel design
- Quick-coupling for easy vario screed extension assembly*
- Fully hardened tamper bars significantly extend lifetime

**AN ABG EXCLUSIVE FEATURE*

eABG 4820

HIGH VOLTAGE SYSTEM

eABG 4820

MANUFACTURER	Penta	
TYPE	PMSM	
OUTPUT	kW	99
SPEED	r/min	2 600 / 3 000

BATTERIES

TYPE	Li-Ion (NCA)	
SYSTEM VOLTAGE	V	600
INSTALLED CAPACITY	kWh	270

CHARGING

PORT	Type	CCS2
DC CHARGING	kW	150
DC CHARGING	h	1.5
AC CHARGING	kW	22
AC CHARGING	h	12

PAVING

OUTPUT (THEORETICAL)*	t/h	500
MAT THICKNESS (MAX)	mm	300

*The actual paving output depends upon the mat thickness, the paving width and paving speed and will vary according to paving conditions prevailing on your jobsite.

SPEED

PAVING (MAX)	m/min	20
TRANSPORT (MAX)	km/h	3.6

UNDERCARRIAGE

LENGTH	mm	2 850
WIDTH (TRACK PLATES)	mm	300

CONVEYOR

HOPPER CAPACITY	t	12.7
NUMBER OF CONVEYORS		2
CONVEYOR SPEED (MAX)	m/min	14

AUGER

SPEED (MAX)	1/min	68
DIAMETER	mm	360

OPERATING WEIGHTS* OF SCREEDS IN KG AT WORKING WIDTH

eABG 4820	5 m	6 m	6.5 m
VB 78 ETC	3 528	-	5 150
VB 79 ETC	3 730	-	-
VB 88 ETC	-	3 820	-

* Including auger extensions, channel plates, end gates

DIMENSIONS

eABG 4820

LENGTH WITH VARIO SCREED (WALKWAY UP)	mm	5 997
WIDTH	mm	2 532
HEIGHT	mm	2 917

WEIGHT

TRACTOR UNIT	kg	13 800
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All weights are approx. weights without options.

Weight of tractor without screed, 75 kg driver and weather roof included.

MAX. ALLOWABLE GRADEABILITY

TRACTOR UNIT + SCREED	%	25
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Applies to screed VB 78 2.5-5.0 m.

When using extensions the max. allowable gradeability will be reduced.

SOUND LEVEL

L_{pA} Sound Pressure Level at Driver's Ear, acc. to ISO 11201	dB	75 (with VB 78, VB 79, VB 88, VB 89 screeds)
L_{WA} Guaranteed Sound Power Level, acc. to Directive 2000/14/EC	dB	95 (with VB 78, VB 79, VB 88, VB 89 screeds)

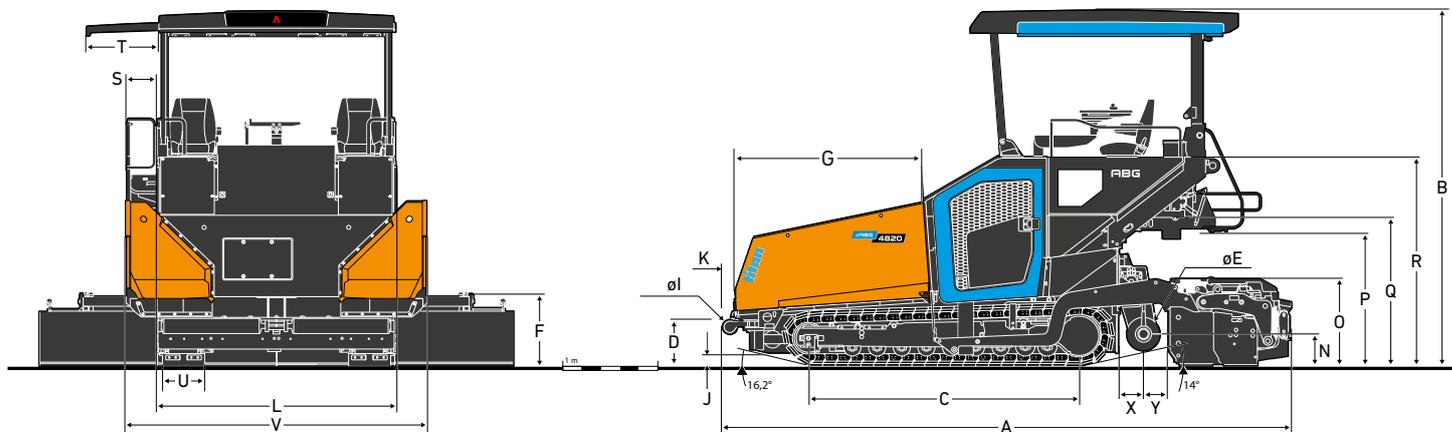
VIBRATION

HAND-ARM VIBRATION according to ISO 5349:2001	m/s^2	<2.5
WHOLE BODY VIBRATION according to ISO 2631:1997	m/s^2	<0.5

ELECTRICAL SYSTEM

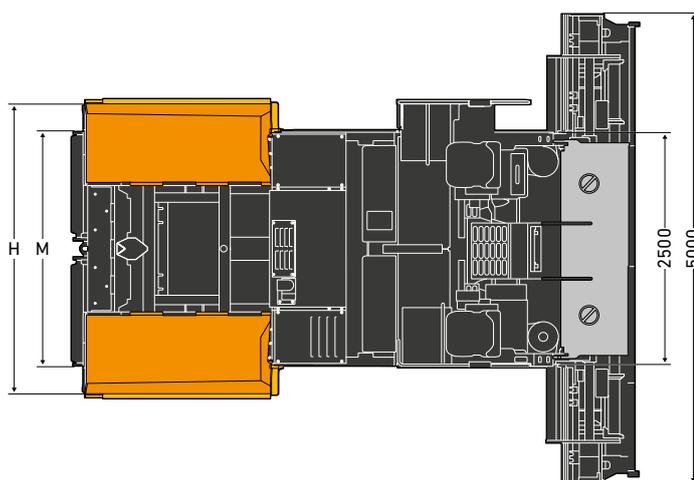
ON-BOARD ELECTRIC VOLTAGE	V	24
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TRACKED ASPHALT PAVERS



DIMENSIONS [mm] eABG 4820

A	5 997
B	3 785
C	2 850
D	525
E	360
F	748
G	2 019
H	3 091
I	160
J	155
K	141
L	2 548
M	2 495
N	360 ± 60
O	939
P	1 440
Q	1 608
R	2 235
S	311
T	770
U	300
V OPEN	3 191
CLOSED	2 532
X	275
Y	265



EQUIPMENT

STANDARD EQUIPMENT

Engine

- Penta High Voltage system with 270 kWh Traction Battery Capacity

Drive

- Electronic drive control
- Lifetime lubricated crawler track rollers
- Forged and hardened crawler track links
- Automatic track tensioner
- Bolt on rubber pads

Material management

- Large truck push rollers with 160 mm Ø
- Four individual hydrostatic drives for conveyors and augers
- Reversible direction of auger rotation
- Proportional conveyor sensors

Electronics

- Electronic Paver Management (EPM 3)
- Settings Manager
- Service Interval Manager
- Adjustable and revolving control panels at operator platform
- Electric switch cabinet
- Battery master switch
- Two adjustable and revolving screed panels

Structure

- GRP all-weather roof
- Two seats, laterally extendable
- Anti-vandalism kit
- ABG Key
- Automatic folding device for weather roof (electro-hydraulic)

Screed

- Screed lock
- Hydraulics for Vario screeds with tamper and vibration

Lights

- Operators platform
- Home light function

Environmental

- Sound insulation

OPTIONAL EQUIPMENT

Material management

- Individual operating hopper wings
- Hydraulically operated front apron
- Reversible conveyor
- Hydraulic auger height adjustment
- Proportional Ultrasonic Sensor auger control
- Central lubrication
- Light truck push rollers with 110 mm Ø
- Protective half shells

Electronics

- Levelling systems
- Ammann ServiceLink
- Smart Dock
- Transport case for EPM control panels

Structure

- Deluxe seats with heating
- Front windscreen
- Custom colour

Screed

- Screed anti-climbing lock
- Screed assist
- Hydraulic height adjustment of extendable screeds
- Heatable screed end gates

Lights

- Basic Kit LED
- Work light Plus Kit
- Full night Kit
- Two additional rear lights (LED)
- Auger lighting
- Warning beacons

Environmental

- Extractor for bituminous fumes
- Emulsion spraying system
- Heavy-duty spray cleaning gun
- Biodegradeable hydraulic oil