

# ABG 7320

## ASPHALT PAVERS TRACKED

BARATH 4



### The 9-meter specialist

- Optimum performance and profitability in 9-meter applications
- Perfect paver for high-volume and multi-lane highway projects
- A variety of features support a faultless finish, e.g., automatic track tensioning, screed load, screed tensioning device
- Consistent, high-quality paving; transfer data from job-to-job with the Settings Manager

### Take control

- EPM3 with intuitive layout and a jog-wheel for quick function settings
- High paving performance at remarkably low noise levels with adaptive Eco mode
- Unhampered visibility around the paver
- Illuminated and clearly laid out screed control panels
- Six standard LED lights, for increased visibility and safety

### Boost productivity

- Fuel-efficient Volvo (Deutz) CEV Stage IV engine with advanced, built-in features
- Powertrain components are perfectly harmonised for high efficiency
- High performance combined with low fuel consumption, emission and noise
- Efficient cooling system with hydraulically powered adaptive cooling fan

### Supreme screed technology

- Low-profile screed design provides screed operators with exceptional view of material flow
- Quickly add or remove Variomatic screed extensions with the quick-coupling system\*
- Simple assembly of weight optimised guide plates by one person
- Dual heating bar arrangement ensures uniform heat distribution over the entire screed
- Ammann's specially-designed tamper bars are fully hardened for lasting durability
- Hydraulic screed crown adjustment

### Keep on working

- Service access from the platform provides ease of maintenance
- Service Interval Manager notifies the operator of required maintenance
- CareTrack advanced telematics system
- Maintain productivity and machine uptime with approved Genuine Ammann Parts
- Ammann service kits save time, lower costs and offer the latest technical advantages
- Automatic greasing system

*\*AN ABG EXCLUSIVE FEATURE*

**AMMANN**

# ABG 7320

## Barath 4

ENGINE		ABG 7320
MANUFACTURER		Volvo (Deutz)
MODEL		D6J
FUEL		Diesel
OUTPUT	kW	140
	hp	190
AT ENGINE SPEED	r/min	2 000
COOLANT		Liquid
FUEL TANK CAPACITY	l	250
EXHAUST EMISSION		Barath 4

### PAVING

OUTPUT (THEORETICAL)*	t/h	700
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	3.3

### UNDERCARRIAGE

LENGTH	mm	3 000
WIDTH (TRACK PLATES)	mm	300

### CONVEYOR

HOPPER CAPACITY	t	13.5
NUMBER OF CONVEYORS		2
CONVEYOR SPEED (MAX)	m/min	21

### AUGER

NUMBER OF AUGERS		2
SPEED (MAX)	1/min	95
DIAMETER	mm	360

### OPERATING WEIGHTS\* OF SCREEDS IN KG AT WORKING WIDTH

ABG 7320	2.5 m	4.0 m	5.0 m	6.0 m	6.5 m	7.0 m	7.5 m	8.0 m	8.5 m	9.0 m
VB 88 ETC	-	-	-	-	-	-	-	-	-	6 892

\* Including auger extensions, channel plates, end gates. Electric heated screed.

### DIMENSIONS

		ABG 7320
LENGTH WITH VARIO SCREED (WALKWAY UP)	mm	6 072
LENGTH	mm	6 237
WIDTH	mm	2 548
HEIGHT	mm	3 783
HEIGHT (TRANSPORT)	mm	2 916

### WEIGHT

TRACTOR UNIT	kg	14 130
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All weights are approx. weights without options.

Weight of tractor without screed, with standard hopper, with fuel tank half full, with continuous towing arms, with push roller D=160 mm and incl. 75 kg driver.

### 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	83
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### VIBRATION

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

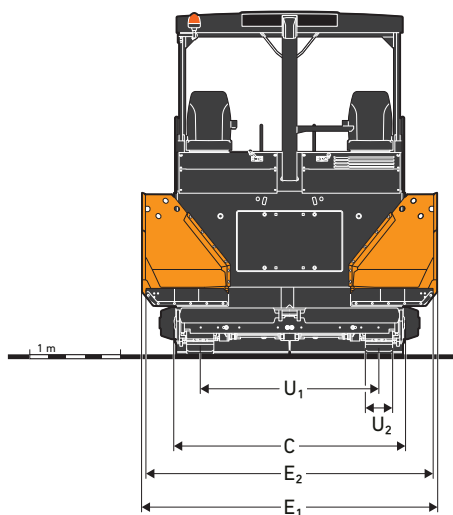
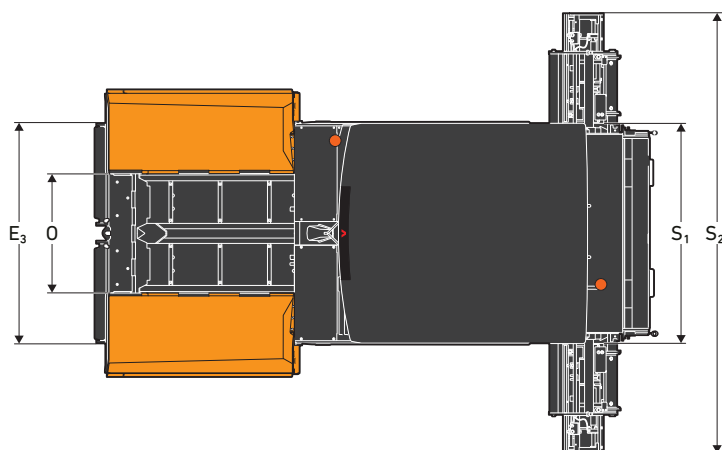
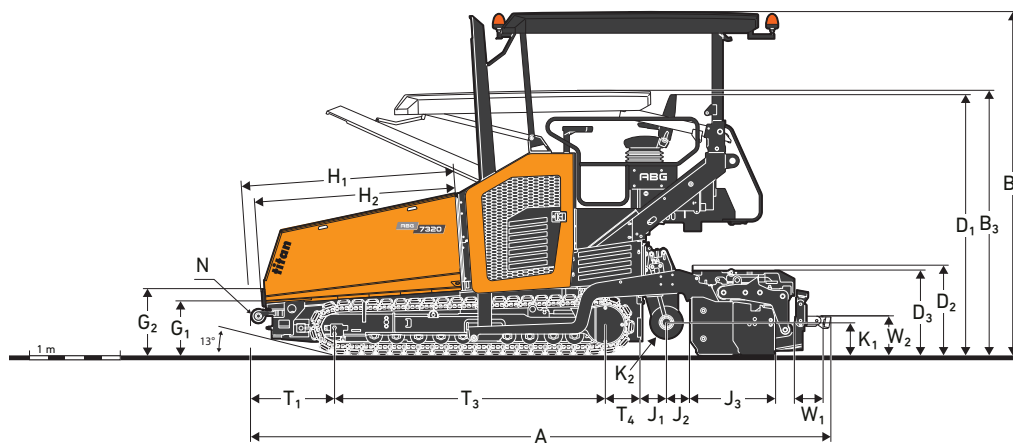
### ELECTRICAL SYSTEM

BATTERY VOLTAGE	V	24
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# TRACKED ASPHALT PAVERS

## DIMENSIONS [mm] ABG 7320

A	6 387
B <sub>2</sub>	3 784
B <sub>3</sub>	2 933
C	2 548
D <sub>1</sub>	2 650
D <sub>2</sub>	1 614
D <sub>3</sub>	988
E <sub>1</sub>	3 255
E <sub>2</sub>	3 175
E <sub>3</sub>	2 495
G <sub>1</sub>	599
G <sub>2</sub>	734
H <sub>1</sub>	2 342
H <sub>2</sub>	2 219
J <sub>1</sub>	275
J <sub>2</sub>	359
J <sub>3</sub>	932
K <sub>1</sub>	360
K <sub>2</sub>	360
L	150
N	160
O	1 325
S <sub>1</sub>	3 000
S <sub>2</sub>	6 000
T <sub>1</sub>	918
T <sub>3</sub>	3 000
T <sub>4</sub>	398
U <sub>1</sub>	1 974
U <sub>2</sub>	302
W <sub>1</sub>	315
W <sub>2</sub>	435



# EQUIPMENT

## STANDARD EQUIPMENT

### Engine

- Volvo (Deutz) Diesel engine, CEV Stage IV

### Drive

- Electronic drive control
- Lifetime lubricated crawler track rollers
- Forged and hardened crawler track links
- Automatic track tensioner

### Material Management

- Analog conveyor sensors
- Four individual hydrostatic drives for conveyors and augers
- Reversible direction of auger rotation
- Reversible conveyor
- Standard Auger 9 m
- Auger quick lock system
- Auger extensions and additional auger bearings
- Manual auger height adjustment
- Proportional ultrasonic sensor auger control

### Electrics and electronics

- Electronic Paver Management (EPM 3) Main Control Panel
- Set of Basic Screed control Units
- ECO mode
- Settings Manager
- Service Interval Manager

- Battery master switch
- Electric switch cabinet
- 3D leveling ready (grade control)
- MATRIS

### Structure

- All-weather roof of GRP (glass-fibre reinforced plastic)
- Adjustable and revolving main control panel at operator platform
- Manual hydraulically foldable Weather roof
- Two standard seats
- Storage space below seats
- Anti-vandalism kit
- Near field mirrors at weather roof
- ABG Key

### Screed

- VB 88 ETC 6.0–9.0
- Continuous towing arms
- Hydraulic crown adjustment vario screeds

### Lights

- Operator's platform lighting
- Road Lights according to India Homologation
- Basic Kit LED

### Environmental

- Sound insulation
- High pressure cleaning gun

## OPTIONAL EQUIPMENT

### Material Management

- Individual operating hopper wings

### Electrics and electronics

- CareTrack, GSM installation

### Screed

- Screed assist
- Screed anti-climbing lock
- Screed load device
- Screed tensioning device

### Levelling Equipment

- Mobamatic 2 Controller
- Sensor Rotary
- Sensor Slope at max 7 m
- Bracket Kit Grade Sensor
- Bracket Kit Slope Sensor

### Lights

- Work Light Plus Kit
- Warning beacons LED