ABG 8820

ASPHALT PAVERS TRACKED

EU STAGE V



Big projects

- High level performance on large paving projects with up to 13-metre paving width
- Outstanding machine stability; excellent surface contact with long and wide tracks
- Premium Deutz (Volvo) Stage V engine provides prominent power for big project
- Best performance with versatile applications of asphalt, concrete and CTB paving

Operator's choice

- EPM3: intuitive control with a bird's eye view of a paver on the display
- Consistent, high-quality paving; transfer data from job-to-job with the Settings Manager
- Pave Pilot with Thermal Profiling, Weather View and Material Manager
- Adaptive Eco Mode and optimized RPM reduce noise levels and fuel consumption
- Unhampered visibility around the paver
- Different optional lighting kits boost safety when working at night
- Smart Dock option: Remote controlled light bars provide visual signals to the tipper driver

Enduring quality

- Optimum material flow with a big conveyor tunnel for up to 1100 t/h
- Auto track tensioner for directional stability*
- Soft Dock option for push rollers: absorb shocks and continue to oscillate at the same time
- Screed load device prevents start-off bumps at large paving widths*
- Screed tensioning device locks torsional stiffness across the length of the screed*

Screeds for ultimate paving results

- Paving a width up to 13 meters with fixed screeds (single or double tamper)
- Vario screed ends available for fixed screeds
- Special crown profiles in road surfaces with VB 79/89 or VDT-V 79/89
- Quick-coupling for easy vario screed extension assembly*
- Fully hardened tamper bars significantly extend lifetime
- Double tamper screeds offer the highest levels of pre-compaction density behind the screed
- Hydraulic endgates, featuring power float (option)

Focus on uptime

- Service Interval Manager notifies the operator of required maintenance
- Ammann ServiceLink telematics system
- Service access from the platform provides ease of maintenance
- ABG service kits save time, lower costs and offer the latest technical advantages

AN ABG EXCLUSIVE FEATURE

AMMANN

ABG 8820

EU Stage V

ENGINE		ABG 8820
MANUFACTURER		Volvo (Deutz)
MODEL		D8J
FUEL		Diesel
OUTPUT	kW	200
	hp	272
AT ENGINE SPEED	r/min	2 000
COOLANT		Liquid
FUEL TANK CAPACITY	l	250
EXHAUST EMISSION		EU Stage V

PAVING		
OUTPUT (THEORETICAL)*	t/h	1 100
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

CONVEYOR		
HOPPER CAPACITY	t	14.7
NUMBER OF CONVEYORS		2
CONVEYOR SPEED (MAX)	m/min	23

AUGER		
SPEED (MAX)	1/min	150
DIAMETER	mm	360

WEIGHT		ABG 8820
TRACTOR UNIT	kg	17 350

All weights are approx. weights without options.
Weight of the tractor includes front flap hopper, standard push rollers, generator, half-full fuel tank and 75 kg operator.

MAX. ALLOWABLE GRADEABILITY		
TRACTOR UNIT + SCREED	%	25

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	84
L_{WA} *Guaranteed Sound Power Level, acc. to Directive 2000/14/EC*	dB	106

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		
BATTERY VOLTAGE	V	24

OPERATING WEIGHTS[1] OF SCREEDS IN KG[2] AT WORKING WIDTH

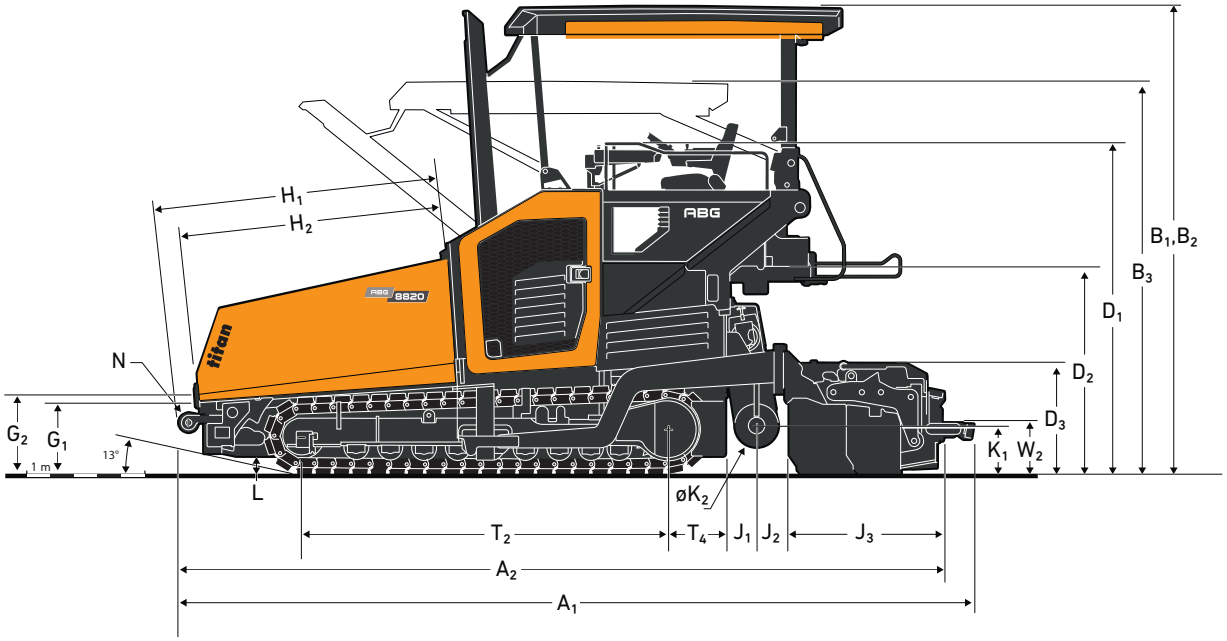
ABG 8820		2.5 m	5 m	6 m	6.5 m	7.5 m	8 m	8.5 m	9 m	9 m (V)	10 m	11 m	12 m	12 m (V)	13 m	13 m (V)
VB 78	kg	-	3 600	-	5 222	5 802	6 342	-	6 923	-	-	-	-	-	-	-
VDT-V 78	kg	-	3 850	-	5 592	6 192	6 832	-	7 433	-	-	-	-	-	-	-
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VDTA-V 79	kg	-	4 320	-	6 072	6 672	7 322	-	7 923	-	-	-	-	-	-	-
VD 88	kg	-	-	4 050	-	5 772	-	6 352	6 892	-	7 473	-	-	-	-	-
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VDTA-V 89	kg	-	-	4 820	-	6 672	-	7 272	7 922	-	-	-	-	-	-	-
MB 122	kg	2 242	-	4 456	-	6 076	-	-	6 828	7 454	8 050	8 575	9 070	9 679	9 878	10 487
VDT 121	kg	2 442	-	4 903	-	6 680	-	-	7 531	8 193	-	-	10 029	10 675	10 975	-

[1] *Including auger extensions, channel plates, end gates, towing arms rear, etc.*
[2] *All screeds electrically heated*

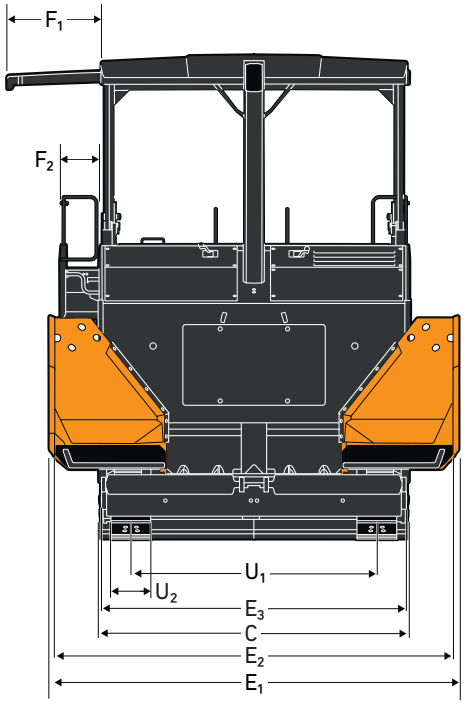




TRACKED ASPHALT PAVERS



DIMENSIONS [MM]		630/630	ABG 8820
A_1	OPERATING LENGTH		6 696
A_2	SHIPPING LENGTH		6 446
B_1	OPERATING HEIGHT		3 952
B_2	HEIGHT WEATHER ROOF		3 952
B_3	SHIPPING HEIGHT		3 078
C	TRACTOR WIDTH		2 548
D_1	HEIGHT RAILING		2 807
D_2	DECK HEIGHT		1 782
D_3	SCREED HEIGHT		951
E_1	OUTER HOPPER WIDTH		3 342
E_2	INNER HOPPER WIDTH		3 260
E_3	WIDTH OSCILLATING BEAM		2 495
F_1	EXTENSION WEATHER ROOF		770
F_2	SEAT CONSOLE EXTENSION		317
G_1	INNER LOADING HEIGHT (WITHOUT /WITH FRONT APRON)		525/589
G_2	OUTER LOADING HEIGHT (WITHOUT /WITH FRONT APRON)		630/630
H_1	HOPPER LENGTH TO PUSH ROLLER		2 329
H_2	HOPPER LENGTH		2 201
J_1	DISTANCE REAR WALL AUGER CENTRE		275
J_2	DISTANCE AUGER CENTRE SCREED		283
J3	SCREED DEPTH		1 297
K_1	AUGER HEIGHT TO GROUND (CENTER)		422 ± 100
K_2	DIAMETER AUGER		360
L	GROUND CLEARANCE		166
N	DIAMETER PUSH ROLLER		160
O	CONVEYOR WIDTH		1 430
BASIC SCREED WIDTH VB78+VB79			2 500
BASIC SCREED WIDTH VB88+VB89			3 000
EXTENDED SCREED WIDTH VB78+VB79			5 000
EXTENDED SCREED WIDTH VB88+VB89			6 000
T_2	TRACK LENGTH		3 120
T_4	TRACK DISTANCE TO REAR WALL		475
U_1	TRACK GAUGE		2 010
U_2	TRACK PAD WIDTH		325
W_1	WIDTH OF WALKWAY		305
W_2	HEIGHT OF WALKWAY		435



AMMANN

EQUIPMENT

STANDARD EQUIPMENT

Engine

- Deutz (Volvo) Diesel engine, EU Stage V

Drive

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

Material Management

- Heavy push rollers
- Proportional conveyor sensors
- Proportional ultrasonic sensor auger control
- Four individual hydrostatic drives for conveyors and augers
- Heavy duty auger
- Auger quick lock system
- Reversible direction of auger rotation
- Hydraulic auger height adjustment

Electrics and electronics

- Electronic Paver Management (EPM 3)
- ECO mode
- Settings Manager
- Service Interval Manager
- Adjustable and revolving main control panel at operator platform
- Two adjustable and revolving screed control panels
- Battery master switch
- Electric switch cabinet
- MATRIS
- Generator for electric screed heating

Structure

- All-weather roof of GRP (glass-fiber reinforced plastic)
- Two seats, laterally extendable
- Anti-vandalism kit
- Near field mirrors at weather roof
- ABG Key

Screed

- Split towing arms
- Screed lock
- Hydraulic crown adjustment VB screeds
- Quick coupling system for Vario screeds

Lights

- Operator's platform lighting
- Home light function

Environmental

- Sound insulation

OPTIONAL EQUIPMENT

Material Management

- Smart Dock
- Soft Dock
- Individual operating hopper wings
- Hydraulically operated front apron
- Proportional ultrasonic sensor auger control
- Protective half shells for auger shaft
- Auger extensions and additional auger bearings
- Heavy duty conveyor cover
- Reversible conveyor
- Central lubrication
- Front track scraper hydraulic
- Feeder stop

Electrics and electronics

- 230V power sockets
- Lateral emergency stop
- High ambient temperature fan
- Ammann ServiceLink
- Pave Pilot
- Smart View camera system
- Levelling equipment
- Transport case for EPM control panels
- On-board diagnostic function for manual screed heating bars
- White noise alarm

Structure

- Deluxe seats with heating
- Front windscreen
- Tarpaulin side curtains for weather roof
- Custom colours
- Electrohydraulic powered weather roof
- Front ballast weight

Screed

- Screed spacer blocks
- Screed assist
- Screed anti-climbing lock
- Screed load device
- Screed tensioning device
- Hydraulic height adjustment of extendable screed
- Special profiles VB 79, VB 89
- Hydraulically adjustable Power-Float screed end gates
- Heatable screed end gate
- Foldable screed walkway

Lights

- Basic Kit Halogen
- Basic Kit LED
- Work Plus Kit LED
- Full Night Kit LED
- Warning beacons LED
- Two balloon lights LED

Environmental

- High performance spray cleaning unit
- Biodegradeable hydraulic oil
- Fume extractors
- Emulsion spraying system

ABG 8820 | StV
For additional product information and services please visit: **www.ammann.com**
Materials and specification data are subject to change without notice.
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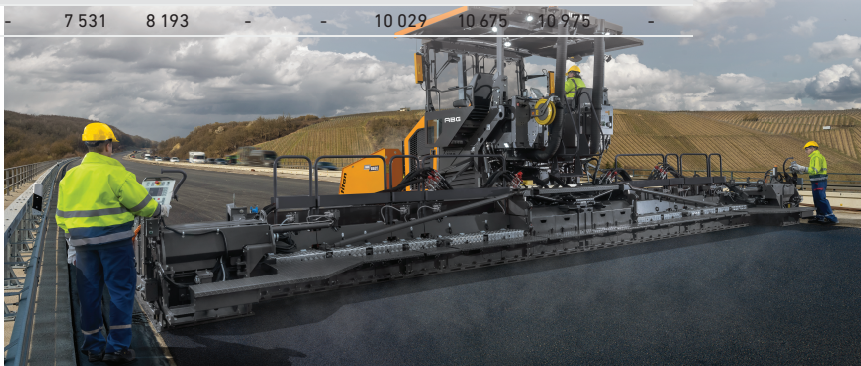
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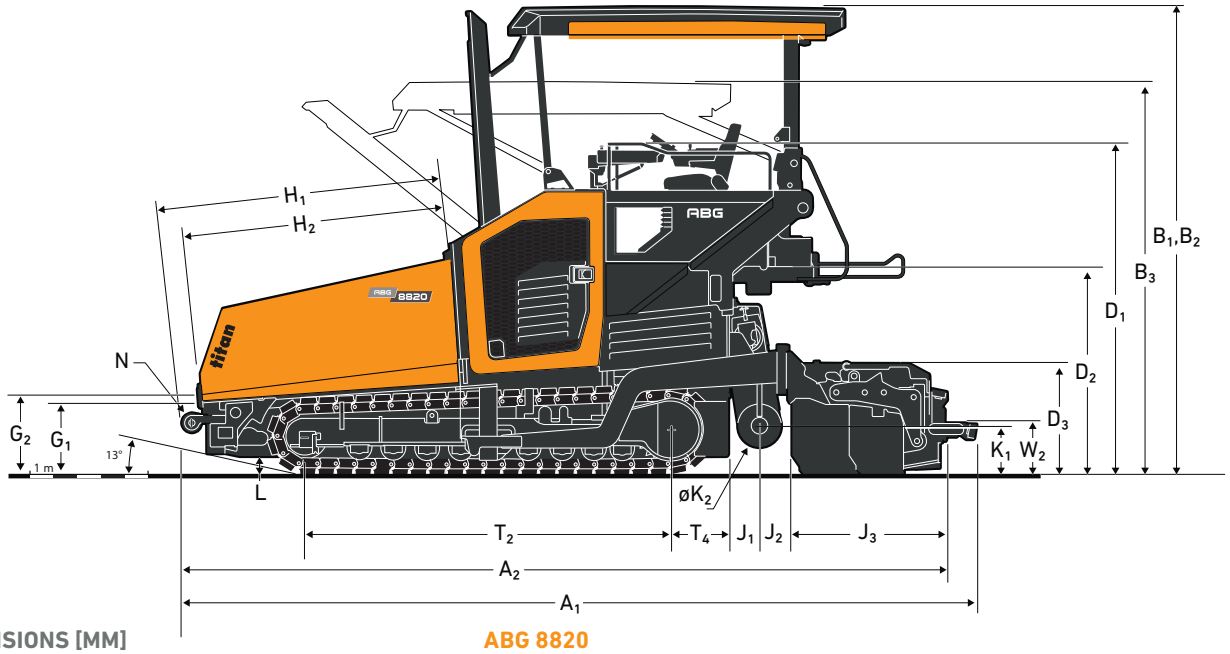
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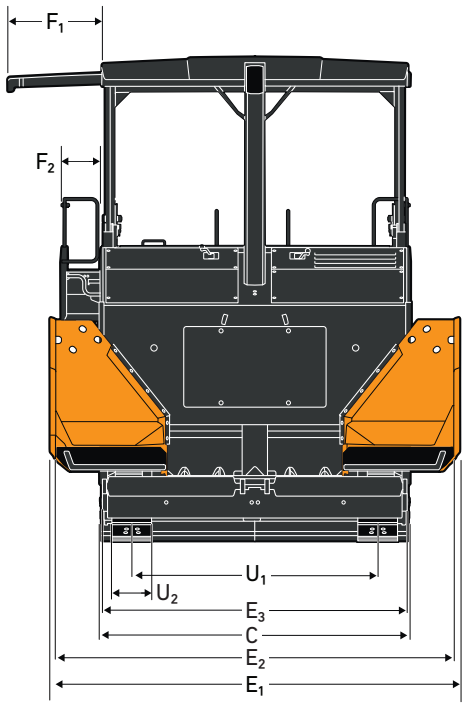




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