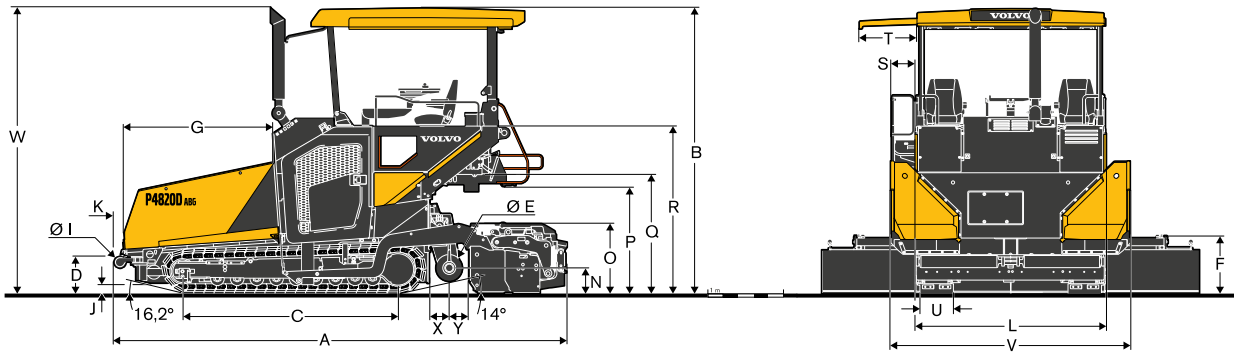


# Specifications



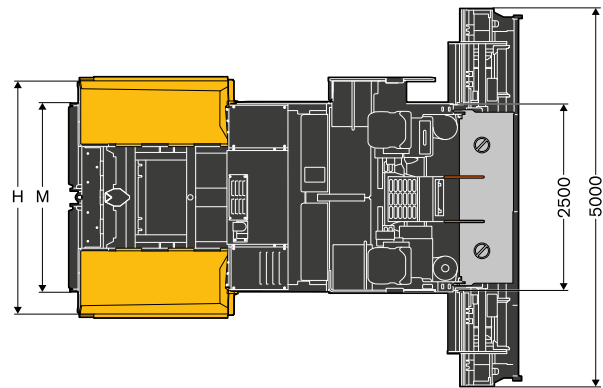
Engine	
Manufacturer	Volvo
Model	D4E
Fuel	Diesel
Output	kW 96
	hp 131
at engine speed	r/min 2 200
Coolant	Liquid
Fuel tank capacity	l 180
Exhaust emission	Stage IIIA / Tier 3
Paving	
Output ( theoretical)*	t/h 500
Mat thickness (max)	mm 300
Speed	
Paving (max)	m/min 20
Transport (max)	km/h 3.6
Undercarriage	
Length	mm 2 850
Width (track plates)	mm 300
Conveyor	
Hopper capacity	t 12.5
Number of conveyors	2
Conveyor speed (max)	m/min 14
Auger	
Speed (max)	1/min 68
Diameter	mm 360
Electrical system	
Battery voltage	V 24
Dimensions	
Length with Vario Screed (Walkway up)	mm 5 997
Width	mm 2 532
Height	mm 2 917
Weight**	
Tractor unit	kg 12 280
Max. allowable gradeability***	
Tractor unit + screed	% 25
Sound Level	
Sound Pressure Level at Driver's Ear, acc. to ISO 11201	
LpA	dB(A) 79 (with VB78, VB79, VB88, VB89 screeds)
Guaranteed Sound Power Level, acc. to Directive 2000/14/EC	
LwA	dB(A) 104 (with VB78, VB79, VB88, VB89 screeds)

## Notes

\*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. Please approach us and we will be pleased to assist you in calculating the paving output for your particular paving project.

\*\* All weights are approx. weights without options. Weight of the tractor: Diesel tank half-full, continuous towing arms, 75kg operator and weather roof included.

\*\*\*Applies to screed VB 78 2.5-5.0 m. When using extensions the max. allowable gradeability will be reduced.



## DIMENSIONS

Unit	mm
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
W	3 796
X	275
Y	265

## OPERATING WEIGHT<sup>1</sup> OF SCREED IN KG

At working width	5.0 m	6.0 m	6.5 m
VB 78 ETC	3 528	-	5 150
VB 79 ETC	3 730	-	-
VB 88 ETC	-	3 820	-

<sup>1</sup> Including auger extensions, channel plates, end gates.

# Equipment

## STANDARD EQUIPMENT

### Engine

Volvo Diesel engine, EU Stage IIIA /EPA Tier 3

### 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)

ECO mode

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

### MATRIS

### Structure

Two seats, laterally extendable

Anti-vandalism kit

Volvo Green Key

### Screed

Hydraulics for Vario screeds with tamper and vibration

Screed lock

### Lights

Six working lights (LED)

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

Additional sockets 230V

Caretrack Advanced

Pave Assist (Volvo Co-Pilot system)

Volvo Smart View camera system

Smart Dock

Transport case for EPM control panels

### Structure

Deluxe seats with heating

Front windscreen

Tarpaulin side curtains for weather roof

Custom colour

Automatic folding device for weather roof (electro-hydraulic)

### Screed

Screed anti-climbing lock

Screed assist

Hydraulic height adjustment of extendable screeds

Hydraulically adjustable Power-Float screed end gates

Heatable screed end gates

### Lights

10 working lights (LED)

Two additional rear lights (LED)

Auger lighting

Levelling indicator scale lighting

Warning beacons

### Environmental

Extractor for bituminous fumes

Emulsion spraying system

Heavy-duty spray cleaning gun

Biodegradeable hydraulic oil

## SELECTION OF VOLVO OPTIONAL EQUIPMENT

### Hydraulic operated front apron



### Central lubrication



### Additional lighting



### Levelling equipment



### Special paintwork



### Additional sockets



Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.