

# Specifications

Model		P5770C	P5870C	P6870C
Engine (Diesel)				
Make		Volvo		
Model		D6		
Output at installed speed	kW	129 at 2 000 rpm		
	HP	175 at 2 000 rpm		
Coolant		Liquid		
Fuel tank capacity	l	260		
Exhaust emission		COM 3A /EPA Tier 3		
Paving				
Output (theor.) <sup>1</sup>	t/h	500	600	700
Mat thickness (max.)	mm	300		
Speeds				
Paving	m/min	40		
Transport	km/h	20		
Propulsion				
Drive units rear		2		
Drive units front		2	2	4
Rear wheels				
2 pneumatic tires	dimension	385/95R25		
Front steering wheels				
elastic tires	Number	2	4	4
	Ø	580	580	580
	width	340	340	340
Mix conveyor system				
Hopper capacity	t	12		
Conveyors		2		
Conveyor speed		21.5		
Augers				
Auger speed	1/min	90		
Auger diameter	mm	360		
Electrics				
Vehicle Voltage	Volt	24		
Transport dimensions				
Width	mm	2 550		
Length	mm	6 132		
Height	mm	2 970		
Weights <sup>2</sup>				
Tractor unit	kg	13 850	14 400	14 400
Max. allowable gradeability <sup>3</sup>				
Tractor unit + screed	%	25		
Sound level				
Sound Pressure Level at Driver's Ear, acc. to ISO 11201	LpA dB(A)	83 (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)		

1 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.

2 All weights are approx. weights without options. Weight of the tractor: tires filled with water, Diesel tank half-full, 75kg operator and weather roof included.

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

# Screed specifications



## Robust screed design

A tough screed frame and two large support tubes for the extensions work together to deliver a rigid screed assembly.

## Tamper bar and vibration

Single tamper bar technology delivers high compaction densities behind the screed. Together with vibration, this ensures quality and smoothness.

## Heating

Volvo screeds feature independent temperature control on the main screed and every single extension.

## Crown adjustment

A hydraulic screed adjustment feature with remote control enables quick and simple change from -2% to +4%.

## Grease distribution

Volvo provides optimum lubrication via a central greasing point, reducing maintenance requirements.

## Optional end gates

Hinged screed end gates can be pivoted to the rear of the paver to shorten the overall width during transport.

Choice of screeds			P5770C	P5870C	P6870C
VB 78 ETC/GTC	Basic width / hydraulic adjusting range	m	2.5-5.0	2.5-5.0	2.5-5.0
	max. paving width with extensions	m	7.5	8.0	9.0
VB 88 ETC/GTC	Basic width / hydraulic adjusting range	m	-	3.0-6.0	3.0-6.0
	max. paving width with extensions	m	-	8.0	9.0

Screed weights* at working width		2.5-5.0 m	3.0-6.0 m	6.5 m	7.5 m	8.0 m**	8.5 m***	9.0 m***
VB 78 ETC	kg	3 600	-	5 222	5 782	6 342	-	6 903
VB 78 GTC	kg	3 680	-	5 342	5 912	6 502	-	7 073
VB 88 ETC	kg	-	3 820	-	5 542	5 832	6 102	6 662
VB 88 GTC	kg	-	3 900	-	5 662	5 952	6 232	6 822

\* Including auger extensions, channel plates, end gates, etc.

\*\* P5870C & P6870C

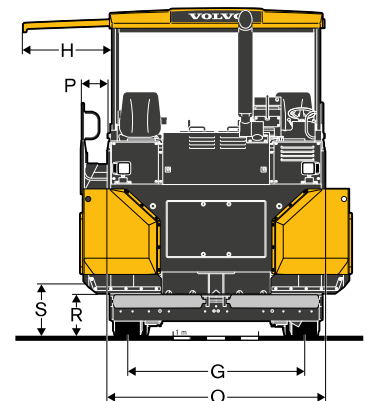
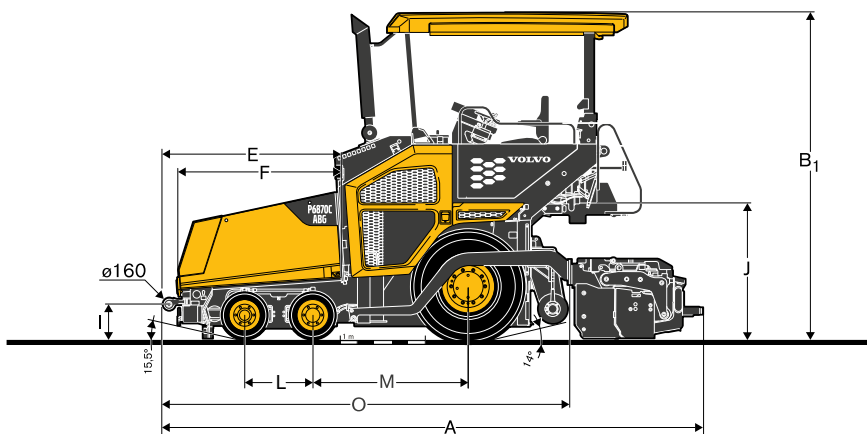
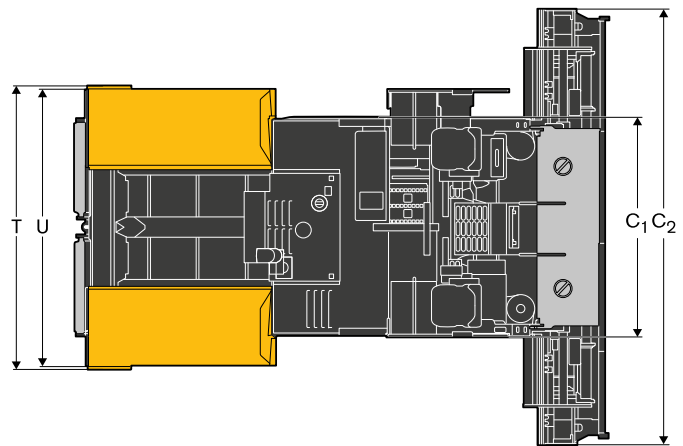
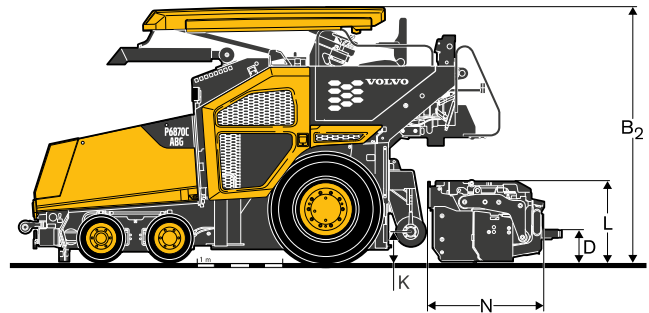
\*\*\* P6870C

# Specifications

## DIMENSIONS

	P5770C	P5870C	P6870C
Unit	mm	mm	mm
A	6 358	6 358	6 358
B <sub>1</sub>	3 837	3 837	3 837
B <sub>2</sub>	2 970	2 970	2 970
C <sub>1</sub>	2 500	2 500	2 500/3 000
C <sub>2</sub>	5 000	5 000	5 000/6 000
D	376	376	376
E	2 103	2 103	2 103
F	1 894	1 894	1 894
G	2 076	2 076	2 076
H	770	770	770
I	405	405	405
J	1 604	1 604	1 604
K	350 ±60	350 ±60	350 ±60
L		800	800
M		1 825	1 825
N	1 344	1 344	1 344
O	4 788	4 788	4 788
P	320	320	320
Q	2 550	2 550	2 550
R	495 / 598*	495 / 598*	495 / 598*
S	594 / 630*	594 / 630*	594 / 630*
T open	3 177	3 177	3 177
closed	2 487	2 487	2 487
U	3 093	3 093	3 093

\* with optional front apron



# Equipment

## STANDARD EQUIPMENT

	P5770C	P5870C	P6870C
Volvo Diesel engine D6, COM 3A / EPA Tier 3	•	•	•
Electronic Paver Management (EPM2) with Smart Power	•	•	•
Electronically controlled travel drive	•	•	•
Cross-sliding control unit with tiltable display unit and slewable steering wheel	•	•	•
Railings with seat console and light support unit	•	•	•
Two seats, laterally extendable	•	•	•
Two steerable front wheels with hydraulic ride levellers	•	•	•
Four steerable front wheels with hydraulic ride levellers	•	•	•
Two front wheels hydraulically driven	•	•	•
Rear pair of the front wheels hydraulically driven	•	•	•
Four front wheels hydraulically driven	•	•	•
Load-controlled torque of the front wheels drive	•	•	•
Engageable front wheel drive	•	•	•
Hydrostatic drive on rear wheels	•	•	•
Centre auger drive (paving widths up to 8.0 m)	•	•	•
Hydraulic auger height adjustment	•	•	•
Reversible direction of auger rotation	•	•	•
Auger speed control ON/OFF	•	•	•
Four individual hydrostatic drives for conveyors and augers	•	•	•
Screed lock	•	•	•
Central electric switch cabinet	•	•	•
Driver's compartment lighting	•	•	•
Four working lights	•	•	•
Sound insulation	•	•	•
Anti-vandalism kit	•	•	•
Battery master switch	•	•	•
Two external control panels for the paving screed	•	•	•
Back-up alarm	•	•	•
Tool kit	•	•	•
Split towing arms	•	•	•

## OPTIONAL EQUIPMENT

	P5770C	P5870C	P6870C
GRP (Glass-fibre reinforced plastic) all-weather roof	•	•	•
Front windscreen (only in conjunction with all-weather roof)	•	•	•
Tarpaulin for sides	•	•	•
Screed tensioning device	•	•	•
Screed assist	•	•	•
Hydraulic height adjustment of extendable screed	•	•	•
Individual operating hopper wings	•	•	•
Hydraulically operated front apron	•	•	•
Reversible conveyor	•	•	•
Proportional USS auger control according to material requirements	•	•	•
Centre auger drive 9.0 m	•	•	•
Levelling systems	•	•	•
Adaption for high temperatures up to 55°C	•	•	•
Generator mounting set 9.0 m	•	•	•
Extractor for bituminous fumes	•	•	•
Central lubrication	•	•	•
Xenon Floodlighting	•	•	•
Two additional lights (rear)	•	•	•
Road travel lighting	•	•	•
Auger lighting	•	•	•
Warning beacon for all-weather roof	•	•	•
Lateral emergency stop (left and right hand)	•	•	•
Additional sockets 230V	•	•	•
Pressure gauge for front-wheel drive	•	•	•
Emulsions spraying system incl. hose reel	•	•	•
Heavy-duty spray cleaning gun	•	•	•
Special paintwork (according to RAL colour code, excluding metallic paintwork)	•	•	•
Biodegradable hydraulic oil	•	•	•
Deluxe seat with heating	•	•	•
Protective half shells auger drive shaft	•	•	•

Standard equipment and options may vary based on local markets.

Consult local sales when building your next paver.

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.

## SELECTION OF VOLVO OPTIONAL EQUIPMENT

Emulsion spray system



Central lubrication system



Hydraulically operated front apron



Deluxe seat with heating



Individual hopper wings



Additional lights (light package)

