SD25 80C e

Highway Paver



DYNAPAC
FAYAT GROUP

TECHNICAL DATA



Options

	Standard	Option
PaveOS Advanced	✓	
Dynapac Bypass Charging	✓	
Dynalink Advanced Telematics	✓	
Open Interface	✓	
Distance Dependent Slope and Crowning		✓
Hydraulic Crowning		✓
Fume Ventilation System		✓
SafeImpact Truck Damping System		✓
MatTracker		✓
Sun Umbrellas for Side Shield		✓
Magnetic Storage Compartments		✓
LightAssist incl. Home Coming		✓
TruckAssist		✓
Hydraulic Controlled Side Shields		✓
Camera System		✓
MatManager Job Site Documentation		✓

Engineered for Excellence

- Highly efficient Electric Power Train
- 235 kW NMC Battery Power
- Designed for Operator Comfort
- Dynapac PaveOS Advanced
- Theoretical paving capacity up to 800 t/h
- Maximum paving width of 6.0 m
- V-Series Tamper-Vibration Screed
- Dynapac Level Control integrated leveling

We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.The above information is a general description only. All information are supplied without liability. This document was generated in March 2025.

Technical Data

Push Roller System

Standard	Fixed, pivotable
Option	SafeImpact Hydraulic damping, stepless adjustable (20cm) with automatic function

Hopper

Hopper volume	6 m³ / 12 t
Internal hopper width	3290 mm
Dumping height (center/outside)	574 mm / 587 mm

Electric Conveyor

Conveyor type dual	Conveyor, reversible
Conveyor control	Proportional with paddle sensor
Conveyor width	2x 655 mm

Electrical System

Battery type	Lithium-Ion (NMC)
System Power (Peak)	235 kW
Nominal Battery Voltage	665 V
Battery capacity (gross)	294 kWh
Motor Type	Permanent Magnet Synchronous Motor (PMSM)
Auxiliary battery voltage	24 V

Drive

Undercarriage type	Crawler
Drive type	Independent hydrostatic driven crawler systems
Crawler length	2900 mm
Max. paving speed	28 m/min
Max. transport speed	4 km/h

Auger

Auger type	Center drive, reversible
Auger diameters	380 mm
Auger control	Independent proportional with sonic sensors
Adjustable height	250 mm
Auger wing type	Separately replaceable

Working Width

Basic working width (retracted)	2.55 m (V5100) 3.00 m (V6000)
Basic working width (extended)	5.10 m (V5100) 6.00 m (V6000)

Dimensions

Basic tractor width	2.55 m
Transport length	6.15 m
Front ramp angle	15°

Masses

Weight (incl. standard screed)	21.00 t

Capacity

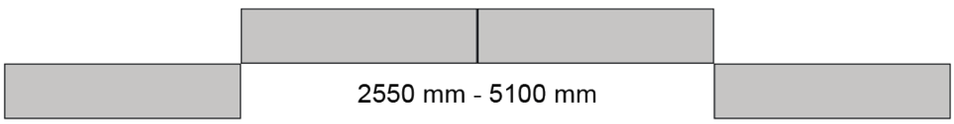
Paving thickness (min/max)	-150 mm / 310 mm
Theoretical paving capacity	800 t/h

Charging

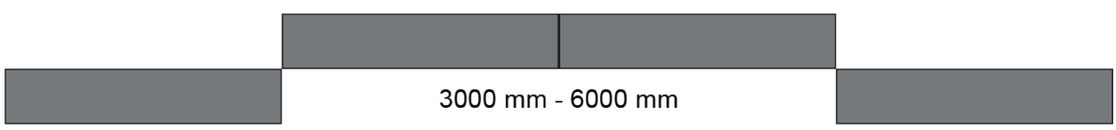
5 – 80 % @ 235 kW (DC)	~ 40 min
5 – 80 % @ 400 V, 43 kW (AC, Type II)	~ 4.5 h

Screeds

V5100 TV E



V6000 TV E





1275 mm V5100 section

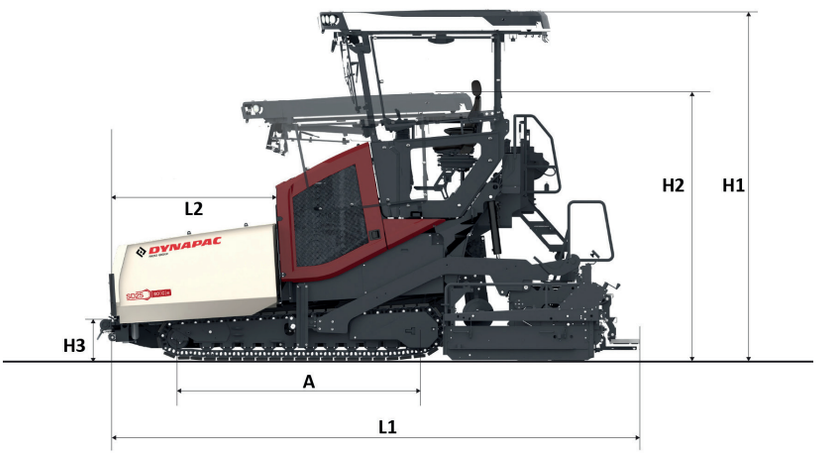


1500 mm V6000 section

Dimensions

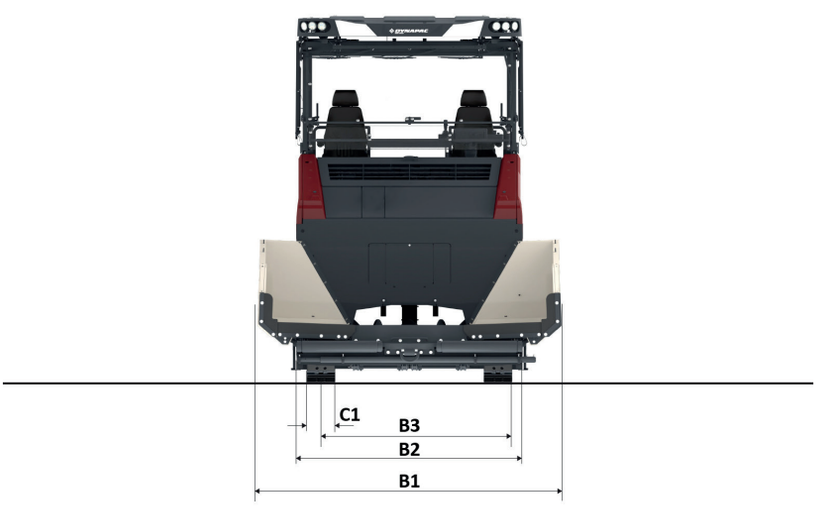
SIDE VIEW

A	2.90 m	Axle Track
H1	3.90 m	Max. Height
H2	3.10 m	Transport Height
H3	0.49 m	Push Roller Height
L1	6.15 m	Length
L2	2.12 m	Hopper Length



FRONT VIEW

B1	3.40 m	Max. Width
B2	2.55 m	Standard Width
B3	1.99 m	Center Crawler Width
C1	0.32 m	Crawler Width



Highlights

Unlimited Battery Power

With the Electric SD25, Dynapac has **Boosted Drive Train Efficiency by 30%** compared to a conventional engine.
The battery delivers **235 kW**, powering the electric screed and hydraulics. To further enhance efficiency, the conveyor and auger drives are also electrified, nearly **Doubling Energy Efficiency** compared to the SD1800W e.



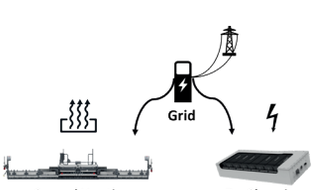
Minimal Emissions

Emission-Free operation with the Dynapac Electric Paver enables sustainable construction and supports the transition to a **Decarbonized Future**.
The concept **Reduces Noise by up to 20%** compared to a diesel engine. In idle mode, the Start/Stop function eliminates noise emissions entirely.



Maximum Uptime

The paver is designed to operate for up to **8 Hours** on-site (avg. energy demand SD2500C, V5100).
To maximize utilization, the **Dynapac Bypass Function** allows simultaneous charging and screed heating.
The paver features a **Sophisticated Start/Stop Function**, reducing noise and energy consumption for **Optimized Efficiency**.



Peak Efficiency

The Dynapac SD25 80C e delivers the same **High Quality** as every conventional machine. We did not just replace the Diesel, but instead created an **Efficiency Driven Platform**. The all electric powertrain has 5 electric drives for key paving functions and also heats the screed directly from the battery for triple efficiency. Our well-known promise for uncompromised paving quality is ensured by our Dynapac screed, a new platform and assisting functions.





PaveOS Advanced

The **Big Touch Screen** improves readability and makes working significantly more pleasant. The **Customizable Widgets** can be assigned to the functions that are most important. The logic of the **Intuitive Software** follows the instinctive gestures already known from modern smartphones and tablets.



New Controls

The **Intuitive Dashboard Layout** offers a clear, user-friendly interface for quick access to key functions, boosting workflow efficiency. The **Enhanced Remote Controls** and customizable function buttons allow precise adjustments, enhancing safety and quality. **Streamlined Function Groups** guarantee easy navigation, ensuring smooth operation and reduced setup times.



Stable Screeds

Dynapac Screeds' **Robust 4-Tube Extension System** reduces bending, ensuring uniform surface quality across the entire width. The **Versatile Width Adjustments** (2.55m-6.00m) allow for flexible and efficient coverage on both small and large-scale projects. The screeds offer **Superior Compaction** with integrated tamper and vibration systems.



Nexus System

The Nexus System merges machine and job site data into **Unified Data**, giving real-time process insights for data-driven decisions. **Seamless Multi-Machine Integration** links Dynapac pavers with any on-site machine for synchronized workflows and maximum efficiency. Automated tracking and customizable reporting provide **Clear Project Documentation**, detailing each job site's history.

Questions?
We’re Happy to Help

Find your closest dealer at dynapac.com

