

Paving the Chinese Road and Realizing the Chinese Dream Together



AP835 PAVER

PRODUCT MANUAL



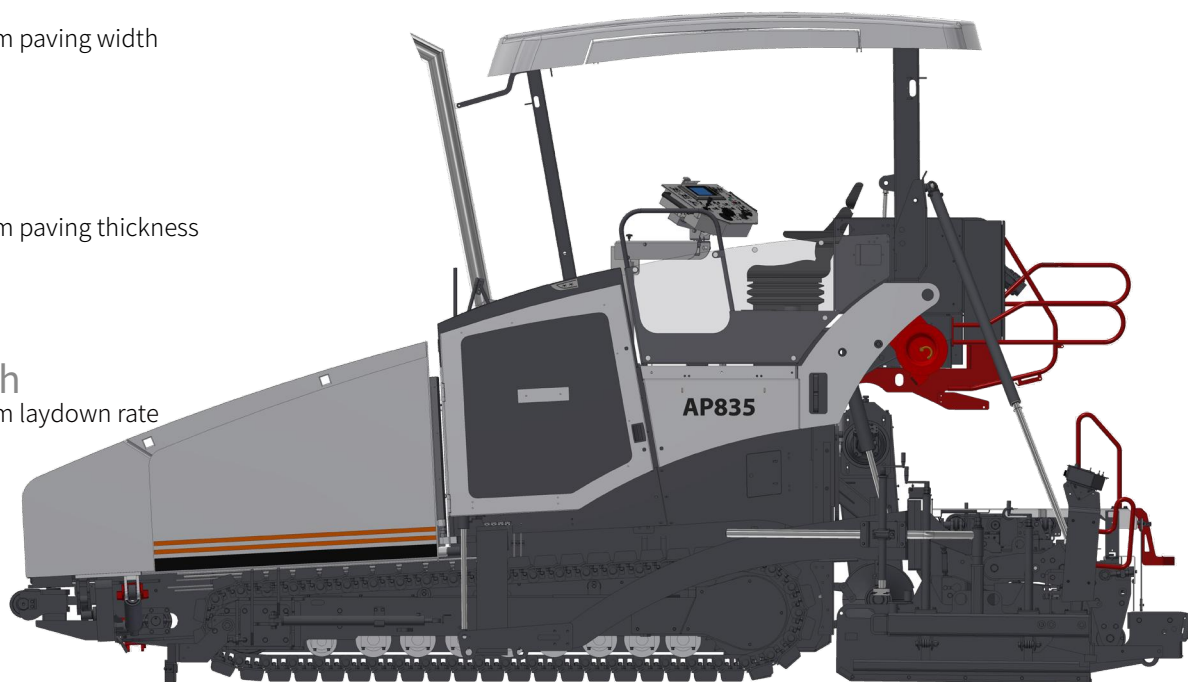
8m
Maximum paving width



30cm
Maximum paving thickness



800t/h
Maximum laydown rate



国机重工集团国际装备有限公司
SINOMACH-HI INTERNATIONAL EQUIPMENT CO.,LTD.

CATALOGUE



Company Introduction 02/03

Product Features 04/10

Product Application 11/17

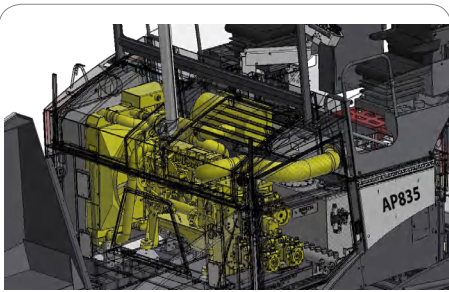
PRODUCT FEATURES

Honghu series
Features of AP835 paver



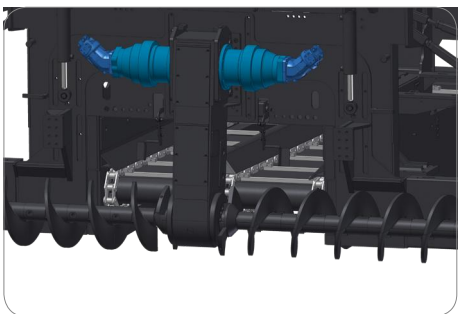
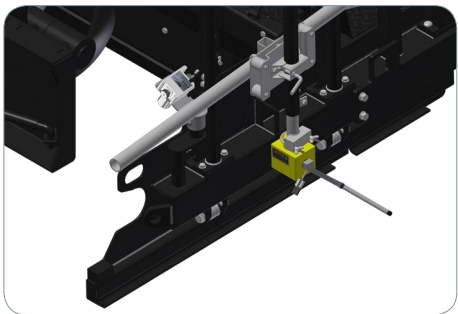
2.Stable and reliable paving and walking

Imported high torque walking reducer, stable and reliable paving driving, automatic hydraulic tensioning of the track, making driving more convenient and worry free; Lifetime maintenance free track guide wheel; Flexible control at the beginning of paving, reducing the impact of mechanical parts, extending the service life of equipment, and improving paving quality.



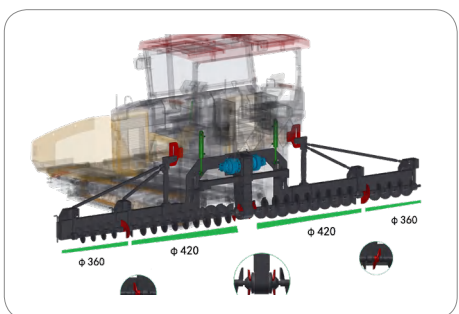
1. Powerful engine

Equipped with a Cummins 154 kw engine that meets the stage III emission standards and adopts variable power control technology. Strong power, efficient and energy-saving, meeting the construction requirements of extreme conditions such as high altitude and low temperature.



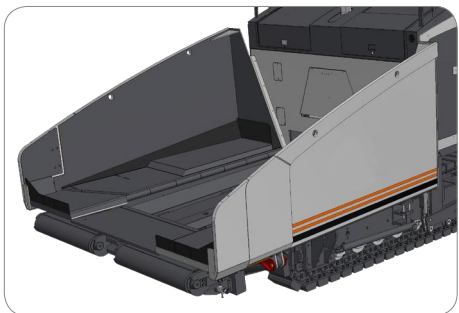
3.Proportional control of transportation and distribution

The electro-hydraulic proportional control of the transmission and distribution system ensures stable material level in the mixing tank, reasonable matching, high construction efficiency, and good paving smoothness; The feeding channel is equipped with wear-resistant steel plates, resulting in a longer lifespan of the rack.



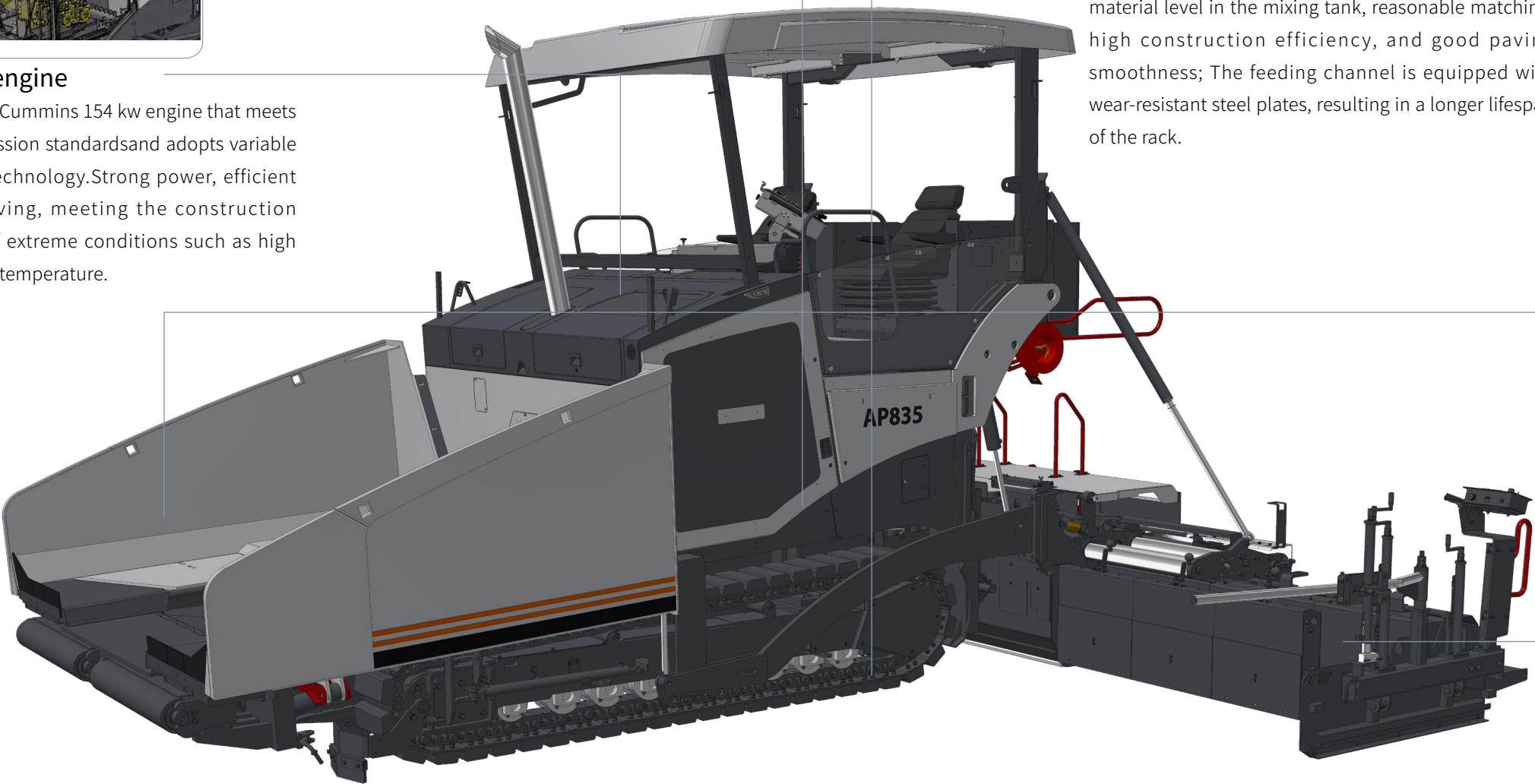
4.The auger system has high reliability and resistance to segregation

Imported large displacement auger pumps, motors, and high torque reducers can achieve a fully buried auger process, using segmented variable diameter blades to effectively overcome segregation; The transmission system has a large load-bearing capacity and high reliability; The reinforced design of the rear panel of the rack ensures more stable construction.



5.Large capacity leak proof material hopper

The hopper has a capacity of 14.5t, which is convenient for unloading by the hopper truck. It is equipped with a mechanical automatic tipping plate, effectively avoiding material leakage during hopper closing and reducing the labor intensity of workers.





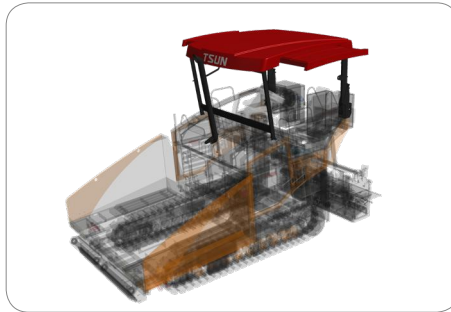
6. Material truck guidance system (optional)

The optional batching truck guidance system can not only prevent the truck from hitting the paver, but also realize fast and accurate unloading, and greatly improve the safety of on-site workers.



7. Friendly human-machine interface

Optional monitoring system for easy observation of the status of construction materials; A brand new central console with backlight function, equipped with a color display screen, user-friendly human-machine interface, and easy to use.



9. User-friendly design

Hydraulically adjustable canopy, convenient and labor-saving; Large area side sunshade with optional front windshield to improve the driver's working environment; The smoke exhaust pipe is linked with the roof, making transportation and transfer more convenient; The overall lifting of the auger system eliminates the need for disassembly and assembly of brace rods, making it easy to operate.



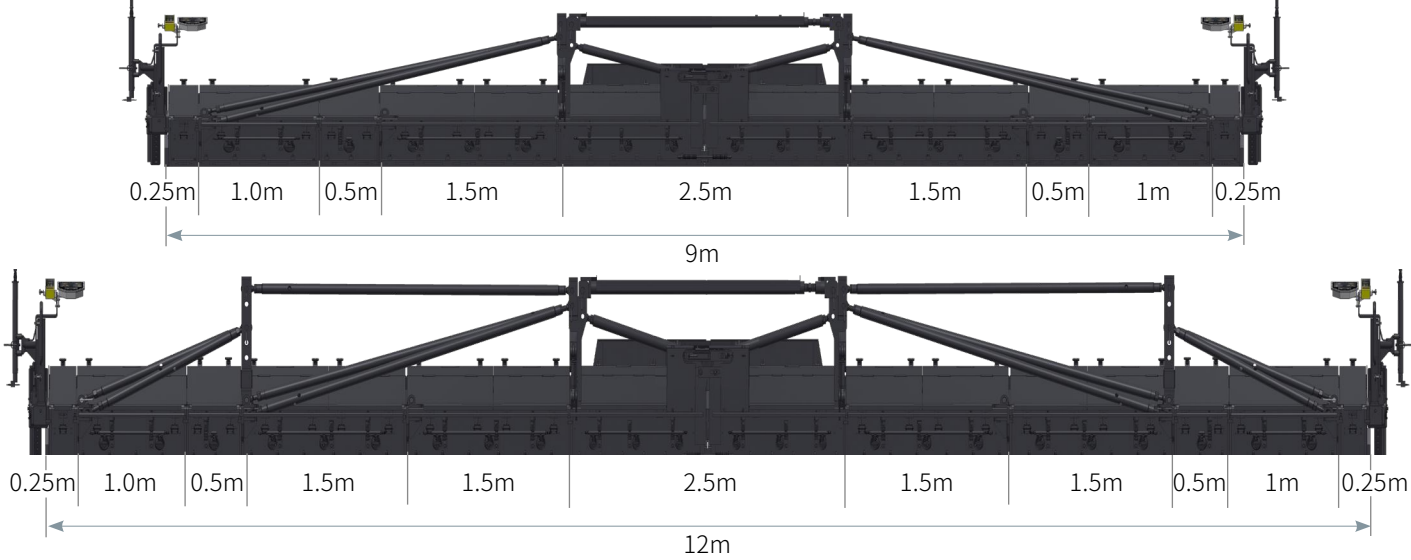
8. Full width extending screed

Standard VS50 extending screed, with optimized structural rigidity design, 8m Large width water stable paving is stable and reliable, easy and fast to assemble, saves manpower, and improves construction efficiency. Optional with a 3-8.2m full width extending screed, without the need for splicing screeds, it is easy to extend and use, convenient and efficient. Optional VS60 extending screed, with optimized and strengthened structural rigidity and compact structure, convenient construction, MS25 fixed screed with electric or gas heating for quick splicing, optional one key adjustment of crown, saving labor and time, stable and reliable paving with large thickness and base course, and paving quality measure well. The electric heating screed adopts variable frequency heating technology, with a generator power of up to 40 kW. The hydraulic motor is independently driven, which can achieve low-speed heating and efficient energy-saving.

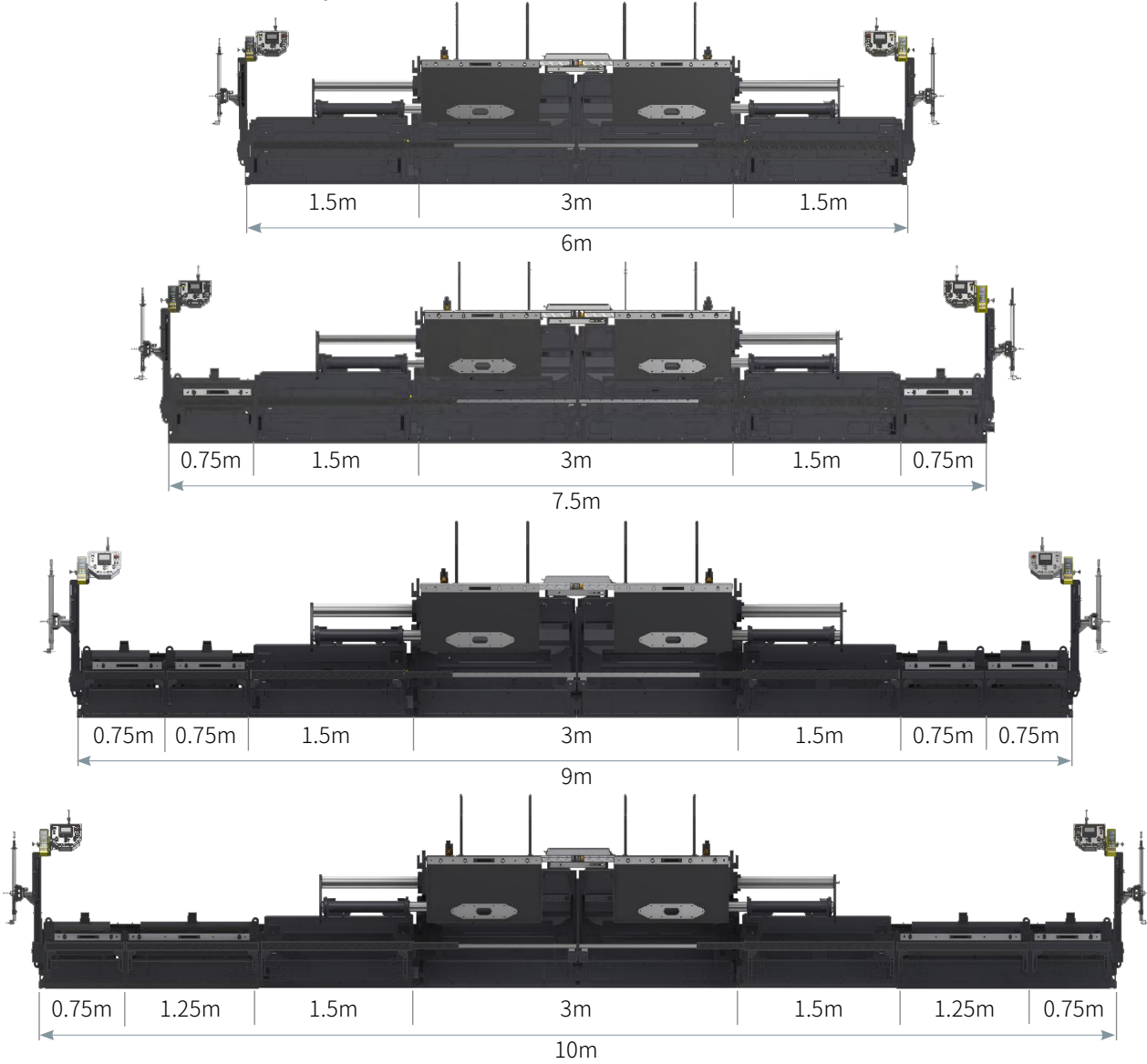


SCREED CONFIGURATION

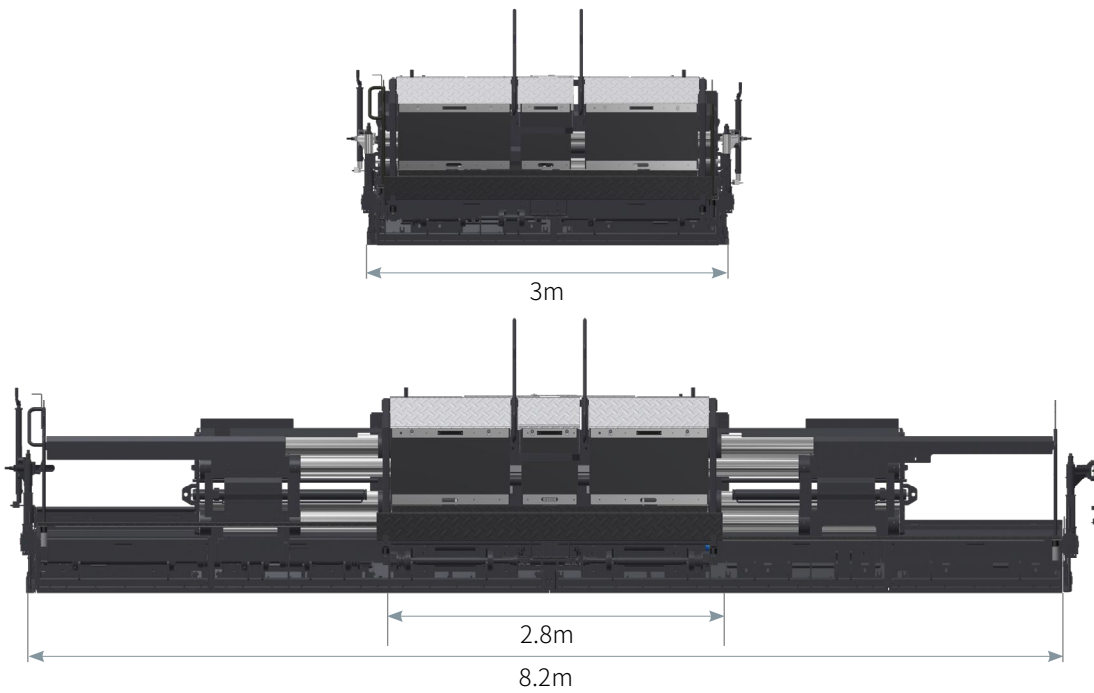
MS25 fixed screed



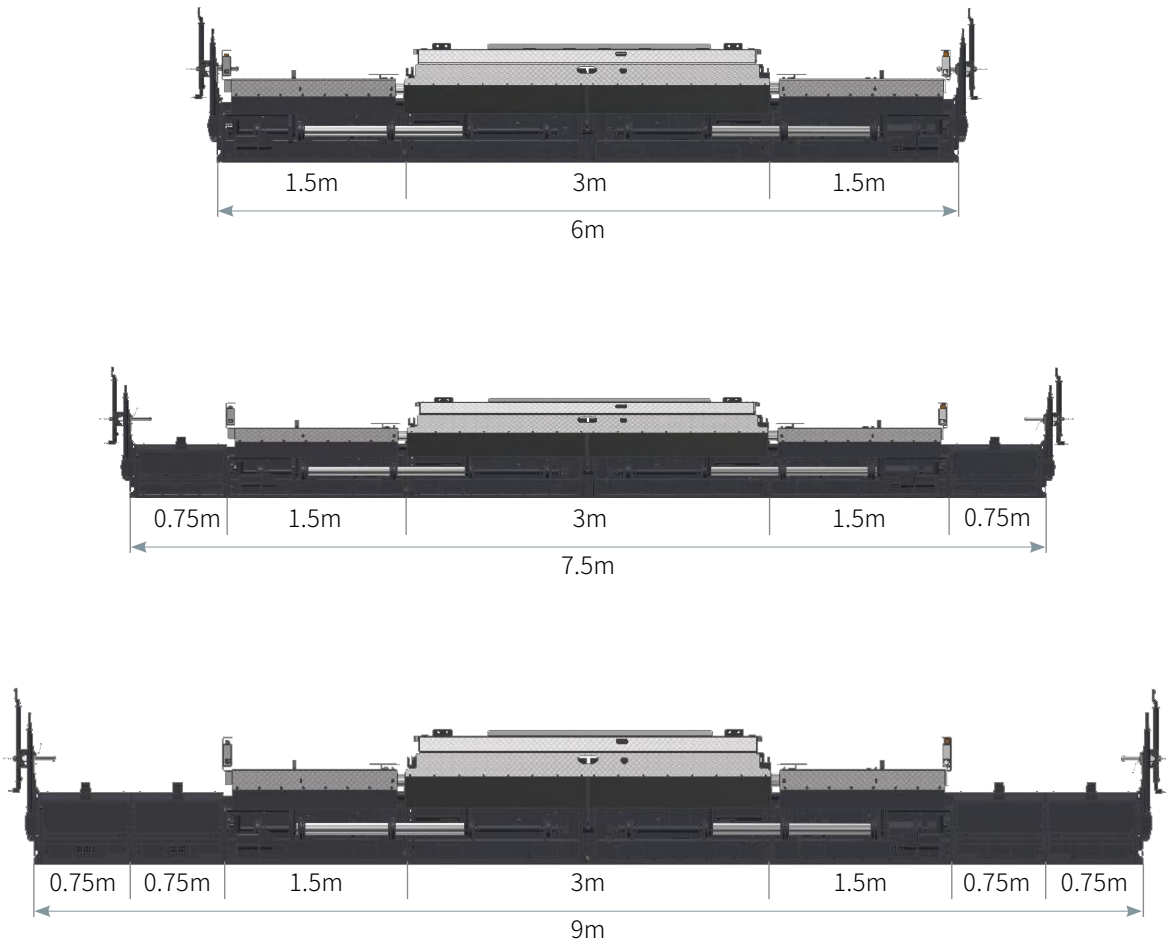
VMS60 fixed-extended composite screed



VS80 full-width extending screed

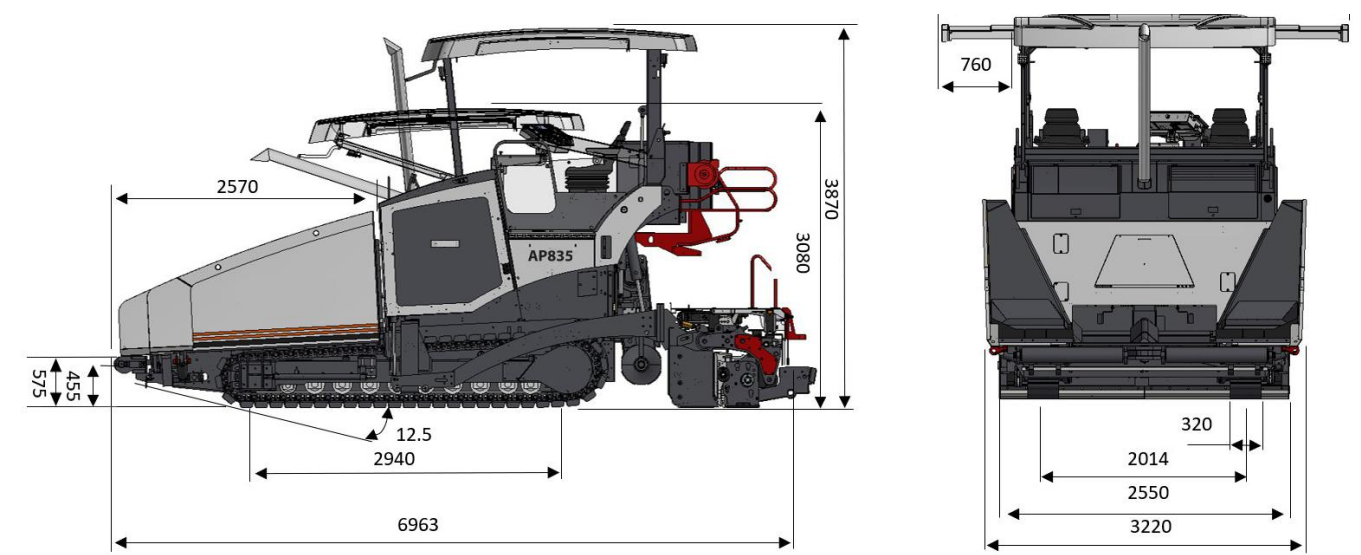


VS60 extending screed



PRODUCT SIZE

AP835



Dimensional in mm

TECHNICAL DATA

Model	AP835
Engine	CUMMINS 154 kW (Stage III) variable power control
Maximum paving width, m	8
Maximum paving thickness, cm	30
Maximum laydown rate, t/h	800
Hopper capacity, t	14.5
Paving speed, m/min	0 ~ 18
Traveling speed, km/h	0 ~ 2.9
Walking mode	Crawler-type
Screed splicing method	Hydraulic extending
Heating method	Electrical heating by rods
Electric heating power of screed, kW	40
Transport weight, t	26.5
Transport dimensions, mm	6963×2550×3080

PRODUCT APPLICATION

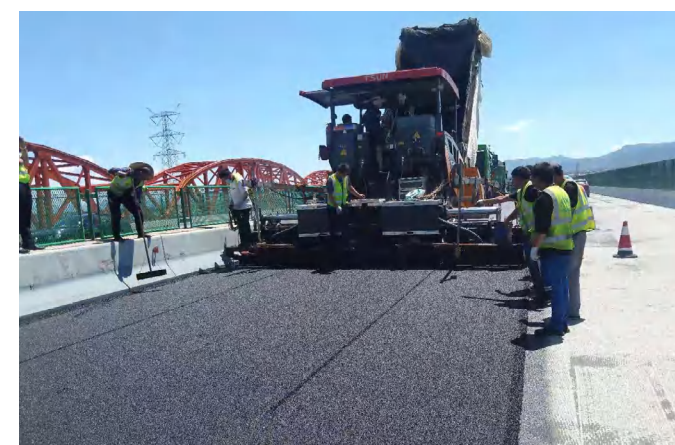
AP835





Guanting Reservoir Bridge Micro cover

Micro-cover paving, as a solution for the pre-maintenance of the bridge deck of Guanting Hall Reservoir Bridge, realizes the blackening of the road surface by paving a layer of asphalt mixture abrasion layer with a thickness of 1.2cm on the asphalt pavement, and at the same time effectively utilizes the good structural bearing capacity of the original asphalt pavement without affecting the original pavement elevation and the drainage paths, which has the advantages of convenient construction, simplicity, short construction period, and good economy, etc. AP835 paver, as the paving equipment of this project, is characterized by high operational precision, good reliability and high construction efficiency. When paving a single width of 6m and thickness of 1.4cm of special modified asphalt, the pre-maintenance area exceeded 42,000m², and the construction period took only 2 days.





Large width paving cases

“Extend service to construction” , we will join hands with customers and construction to create high-quality projects, challenge the limit of engineering, to provide customers with comprehensive technical support and construction solutions.



Jilin section of Beijing-Harbin Expressway Paving width 18.75m



Heilongjiang section of Beijing-Harbin Expressway Paving width 18.75m



Shandong Section of Beijing-Shanghai Expressway Paving width 18.75m



Shandong Section of Beijing-Taipei Expressway Paving width 18.75m



Zibo Section of Jinan-Qingdao Expressway Paving width 18.75m



Heze Section of Rizhao-Lanlao Expressway Paving width 18.75m



Inner Mongolia Section of Baotou-Maoming Expressway Paving width 18.75m



Luoyang section of Erlianhot-Guangzhou Expressway Paving width 18.75m

Large thickness paving cases



Aodong Expressway Paving thickness 48cm



Guigang-Hepu Expressway Paving thickness 48cm



Minfeng-Luopu Expressway Paving thickness 43cm



National Highway Paving thickness 50cm



Xundian-Zhanyi Expressway Paving thicnkess 50cm



Yuxi-Chuxiong Expressway Paving thickness 35cm



Yunnan Baoshan Outer Ring Road Paving thickness 50cm



Provincial Road 202 Paving thickness 44cm



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