

Compactasphalt™

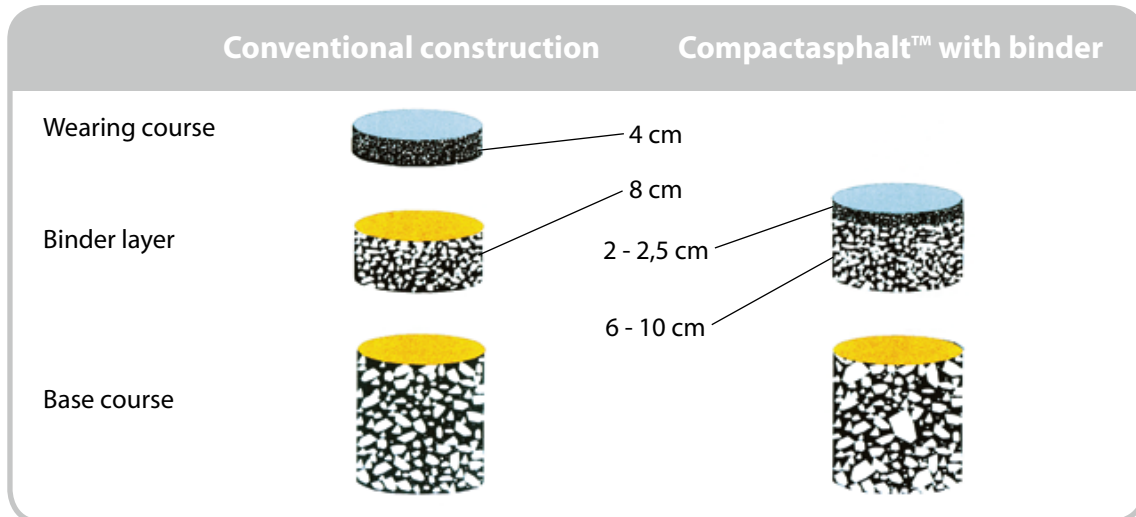
F300CS / Module AM300

DYNAPAC

Part of the Atlas Copco Group



Compactasphalt™ - The laying principles



The paving concept

- The base machine of the Compactasphalt™ Paver - the F 300 CS paver - a high performance finisher with a standard paving width of 3 m, has been designed and modified for carrying the AM 300 module.
- All other performance data is adjusted to the basic device for the requirements of a Compactasphalt™ finisher. For paving in a conventional way the AM 300 module can be dismantled easily at any time without crane.
- The wearing course mix is being transported by a special feeding system of the new tracked feeder MF 300 C into the second material hopper on the paver.



The solution



1 F 300 CS High performance paver.

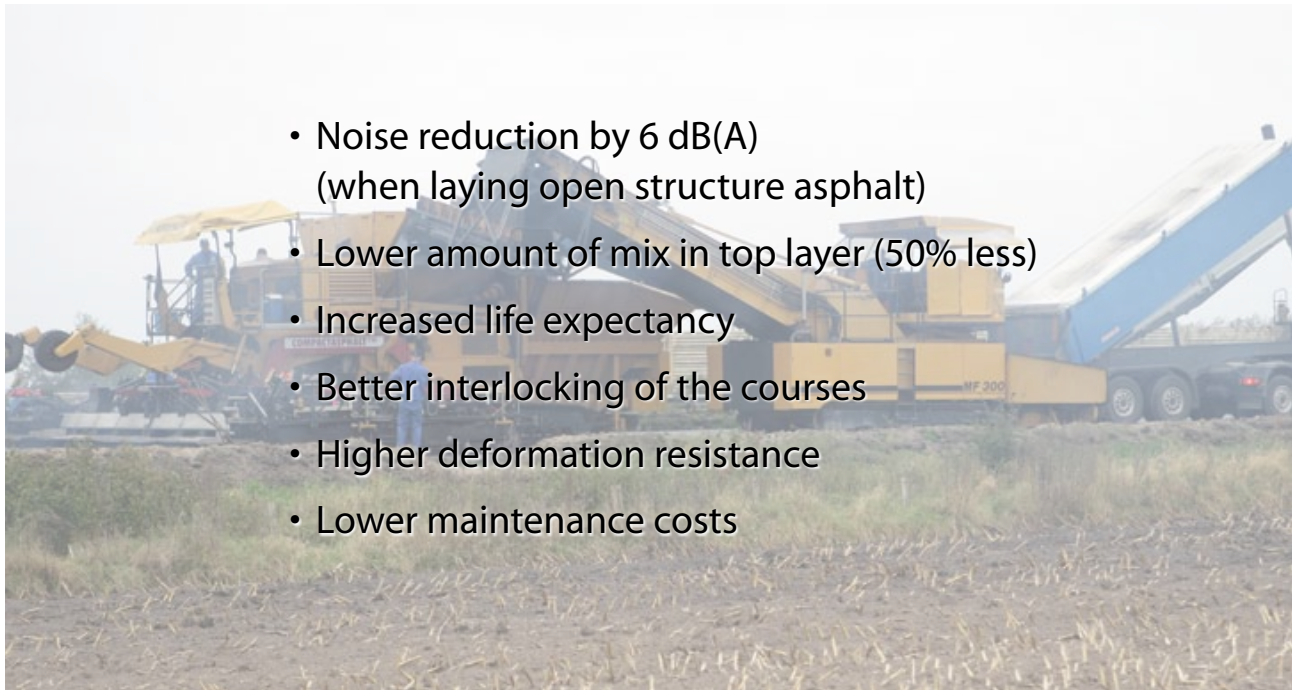
3 Screed 1: High compaction screed.

5 Big size hopper insert for binder with a capacity of 45 t.

2 AM 300 Module containing 25 t of wearing course mix.

4 Screed 2: Normal screed for wearing course.

The main advantages



- Noise reduction by 6 dB(A)
(when laying open structure asphalt)
- Lower amount of mix in top layer (50% less)
- Increased life expectancy
- Better interlocking of the courses
- Higher deformation resistance
- Lower maintenance costs

Compactasphalt™

for high quality laying results,
low costs and long surface lifetime

The simultaneous laying of two different paving materials in a single pass provides lower thickness of the wearing course as well the binder course and leads to an enormous saving of material as well as to a reduction of paving time. With this special type of

paving – Compactasphalt™ Paving – both layers are being laid hot on hot. As a result of a better interlocking of the courses, increased life expectancy, higher deformation resistance and lower maintenance costs are achieved.

Technical Data	Feeder, MF 300 C	Paver, F 300 CS	Module, AM 300
Capacity			
Hopper capacity	17 tons	15 tons/45 tons*	25 tons
Specifications			
Std. paving width		3,0 m	3,0 m
Max. paving width		16,0 m	13,0 m
Max. laying thickness		400 mm	80 mm
Auger diameter		500 mm	380 mm
Paving speed		0-20 m/min	0-20 m/min
Transport speed	4,5 km/h	3,8 km/h	3,8 km/h
Propulsion	Tracked	Tracked	
Dimensions			
Transport weight	29,5 tons	40 tons	20 tons
Total length	13 629 mm	7 367 mm	8 100 mm
Total width		3 000 mm	
Total height	3 400 mm	3 500 mm	3 600 mm
Transport width	3 000 mm	3 000 mm	3 300 mm
Engine			
Deutz watercooled	BF6M 1013ECP 163kW	BF6M 1015C 259kW	BF6M 1013FC 186kW
rpm	1800 1/min	1800 1/min	2100 1/min
Emissions according to	COM 2	COM 2	COM 2

* With hopper insert

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We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.

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