



DYNAPAC CITY PAVER RANGE

Dynapac F1700C



Atlas Copco

The Dynapac F1700C is a remarkable tracked city paver combining compact dimensions with a powerful engine, alongside a smart and easy to use operating system. With a laying capacity of 350t/h, long tracks and an efficient drive concept the Dynapac F1700C is the perfect choice for the widest range of jobsites.

Equipped with the choice of Vibration or Tamping & Vibrating screed, with electric or gas heating the Dynapac F1700 ensures excellent paving results with high degrees of compaction and excellent surface quality.

PRECISE POWER

COMPACT DESIGN

With a length of less than 4.95 m and a width of only 1.7 m the F1700C is the ideal partner for narrow jobsites. The compact dimensions and a weight of under 9 tons make transport easy and convenient. The low height of the paver makes paving below trees easy, while maintaining excellent operator visibility.

RELIABLE POWER

The F1700C is equipped with a 4 cylinder Deutz diesel engine having an output of 52kW(71 hp) and a working width from 0.7 m up to 4.4 m. The machine is robust, and with the conventional dashboard and remotes, it is easy to learn and intuitive to use.

***Dynapac F1700C tracked paver
- Strength, versatility and traction !***



F1700C

Eng. power at 2,200 min ⁻¹	52 kW
Theor. paving capacity	350 t/h
Max. working width	4.4 m

EXACT APPLICATION



HIGH TRACTION

The F1700C tracks are 260 mm wide and 2060 mm long, providing excellent ground contact, while maintaining a smooth driving behaviour and excellent grip, a plus when paving on unbound surfaces. The electronically controlled drives are directly integrated into the tracks for precise steering and high efficiency. The grease tensioning device allows convenient re-tensioning of the tracks – even on the jobsite.

SMOOTH



COST EFFICIENT

A smart, cost efficient machine that allows you to maintain flexibility at all times. The F1700C can be used for the widest range of city paving jobsites. With proven low fuel consumption, alongside several lifetime lubricated components, together with an economical maintenance concept whole life costs are substantially reduced. The operation system is very easy and intuitive for new operators to learn and use, resulting in additional savings from operator training. This conventional machine has a fast and uncomplicated start-up procedure. Due to its low weight and smart dimensions the paver is easy and convenient to transport.



LARGE CAPACITY HOPPER

The F1700 features a large hopper of 10 t (4.7 m³) capacity with separately controlled hopper wings. Paving in situations where refilling options are limited (under bridges e.g.) is not a problem with this large material buffer. It features pivotable push rollers to make docking easier. The hopper is more than 1.9 m long and 3.0 m wide to manage large material trucks. To prevent spilling of material an optional hydraulic front flap is available.



SMOOTH MATERIAL FLOW

Dynapac has optimised the hopper for outstanding material transfer. It is longer and has a very low dumping height (600 mm) for fast and easy material transfer from lorries. Separately controlled hopper wings ensure quick and easy handling of material. The push rollers automatically come up when the hopper is closed. Chamfered hopper corners prevent cold material being left in the hopper.



HIGH QUALITY AUGER SYSTEM

The left and right augers are driven independently and controlled continuously variable even in reverse mode. The strong auger system with a large auger diameter of 350 mm provides a perfect paving result at all working widths. The auger height can be adjusted mechanically or hydraulically up to 200 mm.

WORK FLOW

SMART DIMENSIONS

When working with a city paver, flexibility is everything. One day working on a side walk at 4.4 m, the next day doing a repair job in a narrow alley. Every job is different with different pre-conditions. Dynapac F1700C offers a paving width from 0.7 m up to 4.4 m. Paving in narrow areas is made easier by the Dynapac F1700C's length of less than 5 m and width of 1.7 m. With a height of less than 3.2 m, the Dynapac City Pavers are well suited for performing work in different terrain, under bridges and trees, uphill, downhill and on sharp turns.



RELIABLE QUALITY



ALL AROUND VIEW

From the operators platform you have an excellent overview of the working situation. Due to the operator position you have a full view in to the auger compartment and into the hopper as well as eye contact with the truck driver. The swing out lane indicator can easily be seen from the platform. The new roof offers 2 integrated working lights to the front and to the rear. Optional LED lights are available.

UNMATCHED

CONVENTIONAL OPERATION

Toggle switches enable easy and intuitive operation. The conventional electric system is self-explanatory, and easy to learn and maintain. Since no computer has to boot, the paver is immediately ready for paving as soon as the key is turned. Driving and material control are separated, which makes it easy to handle the paving process. Lights on the dashboard allow paving in the dark. From this central operator dashboard all material related functions can be set in manual or in automated mode for a fully automated material process.



ERGONOMIC WORKPLACE

The operator's comfort is our priority. We focus on providing an ergonomic high end work place. The two ergonomic seats, also available with seat-heating, can be adjusted to any position you need. To enhance the visibility even further you can extend the operators seat out over the edge by 285 mm. The dashboard is slidable and can be placed anywhere along the operator platform, even along with the seat when extended over the edge. Optional windshields with wipers and side protection shields are a plus when paving in windy and rainy conditions.



PAVING QUALITY

EASY TRANSPORTATION

Due to its width of 1.70 m it is possible to transport the Dynapac F1700C with mounted extension boxes of 350mm. Still the maximum transport width of 2.55 m is retained. This significantly reduces the set-up time on the jobsite, whenever paving with extension is necessary. The weight below 9 tons allows transporting the Dynapac F1700C together with other construction equipment on one trailer – this saves time and money.

SERVICEABILITY

On the Dynapac F1700W paver all service points are easy to access from the outside, thanks to wide hoods and panels. The machine is equipped with well-proven, high quality components with the focus on weather resistance and ruggedness.

The engine compartment is easily accessible even when the hopper is closed. The low noise, reliable 52 kW Deutz engine is characterized by its efficiency and economy.

RELIABILITY

Continuous working intervals are supported by a large fuel tank and long service intervals for lubrication. Wear-resistant components ensure reliability and lower cost of ownership. Atlas Copco focuses on high value, long life products and therefore targets reliable well known suppliers.

The optional emulsion spray system with hose dispenser makes cleaning quick and convenient on site.

FEATURES & BENEFITS

EcoMode

A stepless EcoMode system allows you to set the engine speed to the optimal to suit the jobsite

Conventional control

The conventional electric with toggle switches is self-explanatory and easy to learn and maintain.

Smooth material flow

High capacity hopper of 10 tones (4.7 m³) with chamfered hopper corner and independent hopper control for easy paving in narrow jobsites. The optional front hopper flap reduces material spillage.

Reversible conveyor

2 independent conveyors with paddle switches provide up to 350 t/h capacity. Reversible control for easy repositioning as standard.

Push rollers

Pivotable push rollers that automatically come up when the hopper is closed.

Wide tracks

Long and wide tracks with grease tensioner for high traction and low maintenance cost.





Integrated working lights

Atlas Copco offers all lighting systems for night work: Halogen, LED working lights as well as auger compartment lights and LED lights with magnetic holders for flexible lighting.

Ergonomic workplace

Excellent view to the hopper and all working areas with fully adjustable seats and sliding operator console. The seats also slide out over the platform edge by 285 mm.

Dynapac Screed

Choice of 4 screeds: Vibration and Tamper/Vibration as well as gas and electric heating with fast heat up time. Independently monitored heating segments ensure outstanding surface structure.

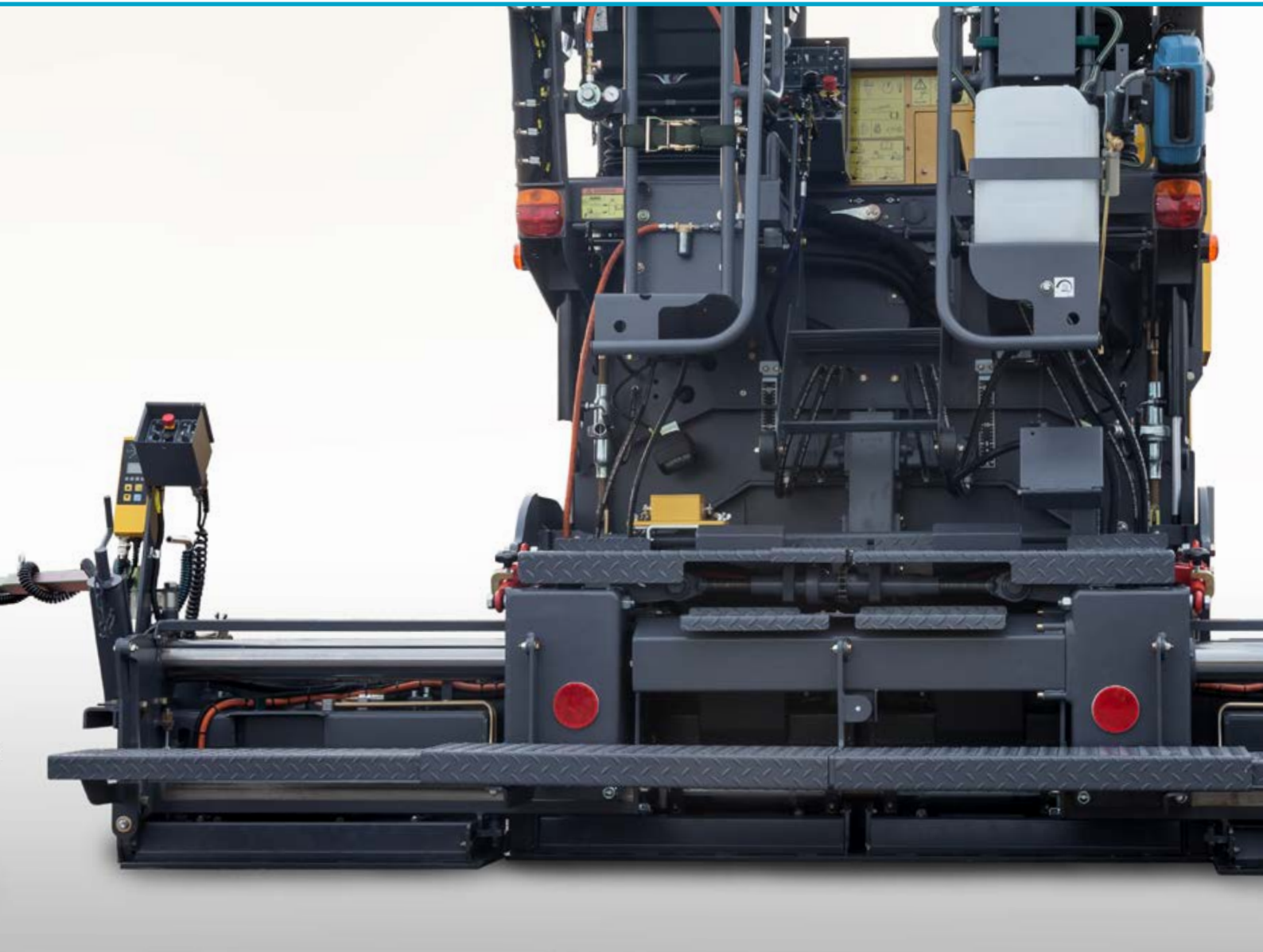
Efficient operation

Efficient 4 Cylinder engine plus robust and simple technology for low service and maintenance cost.

Strong Auger

Our strong auger of 350 mm diameter is independently driven left and right and the auger halves are reversible. Controlled by ultra-sonic sensors and height adjustable by 200 mm.

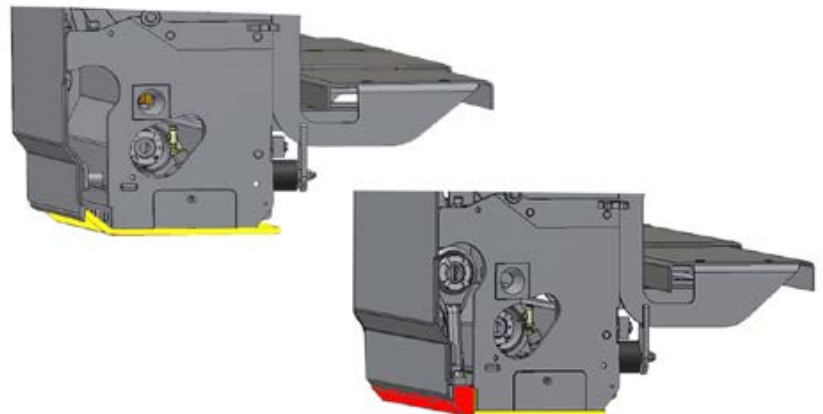
HIGH QUALITY SCREEDS



LARGE VARIETY OF SCREEDS

For the Dynapac wheeled city paver there is a choice of 4 different screeds, the gas heated V340 vibration and tamping vibration for low operating cost or the electrically heated Dynapac V340V and V340TVE screed.

Our new optimized electrical heating system has significantly reduced heat-up time. Whoever opts for our gas heating system gets a remarkably shorter heat-up time. Amazing pavement quality from the first stretch of track!





Excellent surface quality!

PRECISION

All screeds are easy to operate and equipped with deep bottom plates. These ensure an outstanding surface finish and precise paving results. The tamper and vibration can be easily adjusted via valves. And with the optional revolution control the speed of tamper and vibration can be simply monitored by large display. Positive and negative crown profiling is mechanically adjustable from -1.5 % up to +3.0 %. All screed functions like extension /retraction, screed levelling, auger turning direction etc. can be adjusted from the remotes.



FLEXIBILITY

Like with every Dynapac screed the working width can be doubled hydraulically. This makes it possible to pave up to 3.4 m without using extensions. The optional levelling equipment is a convenient add-on solution; this makes paving flexible and simple. Both side shields – for electrical and gas heated screed can be ordered as a heated version, for a perfect joint. If it is necessary to pave below 1.7 m, reduction shoes are available to reduce the working width down to 0.7 m.



	V340V	V340VE	V340TV	V340TVE
Basic width	1.70 m	1.70 m	1.70 m	1.70 m
Hydraulically extendable to	3.40 m	3.40 m	3.40 m	3.40 m
Max. working width	4.40 m	4.40 m	4.40 m	4.40 m
Min. Working width	0.70 m	0.70 m	0.70 m	0.70 m
Heating system	LPG	Electric	LPG	Electric
Compaction system	Vibration	Vibration	Tamper&Vibration	Tamper&Vibration
F1700C	YES	YES	YES	YES

TECHNICAL DATA DYNAPAC CITY TRACKED PAVERS

F1700C

Weight, t	8.8
Basic width, m	1.7
Working width max, m	4.4
Working width hydraulic extendable, m	3.4
Working width min (w/reduction shoe), m	0.70
Placement thickness (max), mm	Up to 270
Capacity, t/h	350
Paving speed, m/min	32
Transport speed, km/h	3.8
Engine model	Deutz TD2 2011 L04
Rated power KW @ 2200 rpm	52 (71 hp)
Emissions	EU 3A (Tier 3)
Electrical system, V	24
Fuel tank capacity, l	98
Hopper capacity	4.7 m ³ (10.1t)
Hopper width, mm	2900
Dumping height center, mm	600
Crawler length, mm	2060
Crawler width, mm	260
Final drive	Direct drive over transmissions
Conveyor type	Dual bar feeder
Conveyor width, mm	2 x 350
Conveyor control	Automatic with limit switches
Auger diameter, mm	350
Auger control	Automatic with ultrasonic sensors
Screed options	
Vibration V340V	YES
Vibration screed V340VE	YES
Tamper-Vibration screed V340TV	YES
Tamper-Vibration screed V340TVE	YES

COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time.

This is what we call - Sustainable Productivity.

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