

# COMMERCIAL CLASS PAVERS

FC1300C, FC1400C and FC1600C

The new Dynapac Commercial class paver range FC1300C, FC1400C & FC1600C, designed to provide best in class paving quality, reliability and longevity.

The extra heavy duty Dynapac screeds attached with these pavers provide unparalleled pre compaction and mat quality.

With tilt hopper or full conveyor designs FC1300C and FC1400C commercial class pavers are highly suitable for Drive ways, Sub divisions and Small/Large parking lots.

With 550 tons/hr. placement capacity, fully electric heated screed technology, the FC1600C paver is a true cross over between a commercial class and highway class paver.



**DYNAPAC**

# FC1300C

## 2.4 - 4 m - Tilt Hopper Paver

Dynapac FC1300C is designed to pave patch works, drive ways and small lots. With tilt hopper and gravity feed design customers can easily unload the asphalt in to the auger chamber. The heavy duty VF0813C screed is weighing 900 kg for best pre compaction and heated with propane gas. Simple operator controls with cable drive and gauges makes it very easy to learn and operate the paver. The paver also features innovative Auger system mounted on the screed for best in class material flow.

### Standard Equipment

#### Power Train

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28 kW (38 hp) Kubota T4i, diesel engine  
Air cleaner, cyclone style dual stage  
Engine driven fan  
COOLBOX cooling system with cross flow cooler  
Fuel filter  
76 liter fuel tank

#### Maintenance Free Track Drive

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Steel track with poly pads 300 mm wide  
3 large sized carrier wheels  
High-torque paving gear or high-speed travel gear  
Automatic hydraulic Track tensioning system  
Hydrostatic braking system  
Smooth tandem pump steering with a positive neutral  
Zero daily maintenance on track system  
Heavy duty frame for long life

#### Operator Environment

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Low deck profile (2 Operator Crew set up)

- Cable drive for traction
- Cable drive for hopper, screed functions
- Simplified toggle switch for auger

Mechanical fuel gauge, hour meter  
Wash down system with hose  
Warning lights

#### Feed System

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Wide hopper with 5 tonne asphalt capacity  
Heavy duty one piece bent hopper plates  
2 Heavy duty hydraulic cylinders tilting the hoppers  
Innovative auger system mounted on screed

- 230 mm Diameter

#### Electrical System

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Backup alarm  
Alternator, 40 Amp  
Battery, 1x12V maintenance free  
12V Starting and charging system  
Rotating beacon  
Horn

#### Heavy Duty Screed VF0813C

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900 kg Heaviest screed  
2.4 - 4 m Standard paving width  
6.35 mm thick Hardox 400 main screed plate  
3000 VPM vibration on main screed  
Hydraulic screed lift  
Automatic extension match height  
Mechanical lead & tail crown  
Adjustable pre-strike offs  
Adjustable end gates  
50 mm diameter heavy duty screed guide tubes  
Extendable operator platform  
Long wear life polyteflon bushings  
Continuous ignition screed heating system

- Propane gas heating
- Auto flame out
- Heated screed main & extensions

# FC1300C

## 2.4 – 4 m - Tilt Hopper Paver



### Optional Equipment

#### Tractor

Indicator, hydraulic oil filter restriction  
Indicator, air cleaner restriction  
Slow moving vehicle symbol  
Fire extinguisher  
Umbrella

#### Screed

Screed, slope meter mechanical  
Screed, cut off plate  
Seat (2x) for operators

# FC1400C

## 2.4 - 4.3 m - Dual Conveyor Paver

Dynapac FC1400C is designed to pave drive ways and small or large parking lots. The paver features rebuildable conveyors, augers and extra heavy duty screed and hopper to greatly increase the longevity. The heavy duty VF0814C screed is weighing 1 450 kg for best pre compaction and heated with propane gas on the main and extensions. The screed includes the patented automatic match height feature eliminating the need of adjusting extension height. The simple operator controls with cable drive and toggle switches makes it very easy to learn and operate the paver.

### Standard Equipment

#### Power Train

50 kW (67 hp) Kubota T4i, diesel engine  
Air cleaner, cyclone style dual stage  
Engine driven fan  
COOLBOX cooling system with cross flow cooler

#### Maintenance Free Track Drive

Steel track with extreme grade poly pads  
Automatic hydraulic track tensioning system  
2 Speed planetary drive  
Zero daily maintenance on track system  
Heavy duty frame for long life

#### Operator Environment

Low deck profile (2 Operator Crew set up)

- Cable drive for traction
- Cable drive for hopper, screed functions
- Simplified toggle switch for auger and conveyor

Mechanical fuel gauge, hour meter, voltmeter  
1X12V Power outlet  
Wash down system with hose on both sides

#### Extra Heavy Duty Screed VF0816C

1 450 kg heaviest screed  
2.4 - 4.3 m standard paving width  
3000 VPM Vibration on main screed  
Hydraulic screed lift  
Automatic extension match height  
Mechanical lead & tail crown  
Extendable operator platform  
Continuous ignition screed heating system

- Propane gas heating
- Quick heating control box

#### Feed System

Wide hopper with 6 tonne asphalt capacity  
Heavy duty one piece bent hopper plates  
Segmented center hopper apron  
Conveyor standard, separate control LH&RH  
Heavy duty conveyor flight bars, chains  
Rebuildable conveyor floor plates  
Maintenance free sealed conveyor and auger bearings  
Innovative 4 auger system mounted on screed  
230 mm diameter segmented high wear augers  
Electronic automatic auger/feeder control system

- 2 Ultrasonic sensors mounted on end gate
- Pile height control on the sensors
- Manual override
- Reversible augers & conveyors

#### Electrical System

Backup alarm  
Alternator, 45 Amp  
Battery , 1x12V maintenance free  
12V Starting and charging system  
6 LED working Light package  
Rotating beacon

#### Other Standard Equipment

Doors, service access hinged and locking  
One piece engine door for ease of service  
Grouped hydraulic valves and filters  
LED lights on valves for easy of identification  
Sound suppression insulation kit  
Steering guide rod LH & RH

#### Telematics Solution (Option)

Dyn@Link Standard

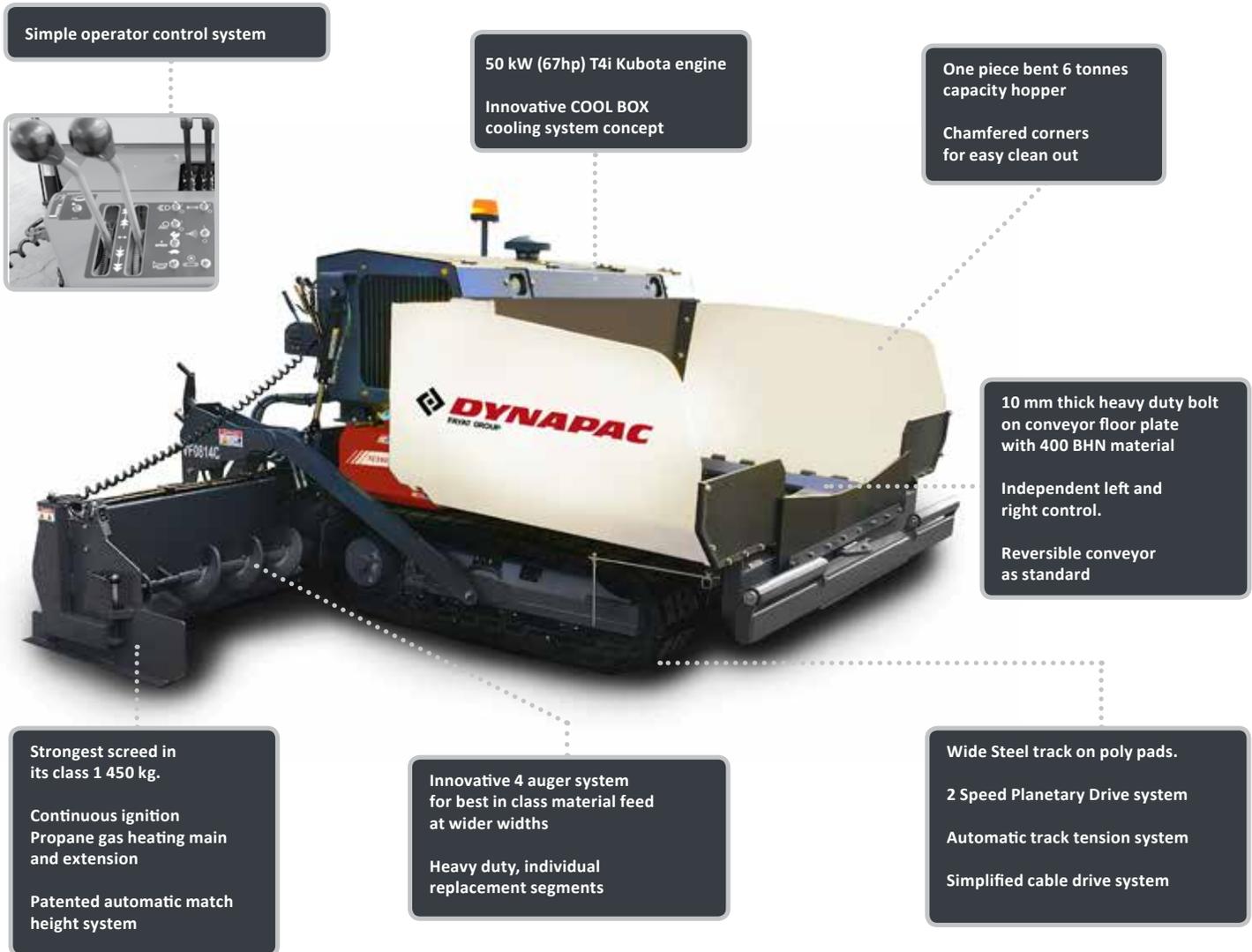
- 3 Year subscription
- Track location and travelled distance
- Set up geofences with email alerts
- Working hour counter
- Service notifications



# FC1400C

## 2.4 - 4.3 ft - Dual Conveyor Paver

For Simplicity And Logivity



### Optional Equipment

#### Tractor

Indicator, hydraulic oil filter restriction  
Indicator, air cleaner restriction  
Slow moving vehicle symbol  
Fire extinguisher  
Umbrella  
Truck hitch - oscillation

#### Screed

Screed, slope meter mechanical  
Screed, cut off plate  
Seat for operators

# FC1600C

## 2.4 - 4.7 m - Dual Conveyor Paver

Dynapac Dynapac FC1600C is a true cross over between from a commercial class paver to a highway class. The paver features high horse power engine, rebuildable conveyors, augers and extra heavy duty screed to greatly increase the longevity. The heavy duty VF0816C screed is the strong and widest in the industry weighing 2050 kg for best pre compaction. The state of the art electric heating technology with 16 kW generator providing uniform heat across the mat width. The screed also includes hydraulic crown, tow point and extension match height to further increase efficiency and performance.

The electro hydraulic controls with 2 operator stations offer best in class paving controls and comfort.

### Standard Equipment

#### Power Train

74 kW (99 hp) Cummins QSB 3.3 T3, diesel engine  
Air cleaner, cyclone style dual stage  
Engine belt, automatic tensioner  
Hydraulic driven fan  
COOLBOX cooling system with cross flow cooler

#### Maintenance Free Track Drive

Steel track with extreme grade poly pads 305 mm wide  
Automatic hydraulic track tensioning system  
2 Speed planetary drive  
Double pump drive hydraulics (with onboard computer)  
Pause/resume cruise control feature  
Dual joystick for traction and steering  
Zero daily maintenance on track system

#### Operator Environment

Dual swing out operator stations (*low deck*)  
Electronic monitoring and diagnostic capabilities  
5.5" Color display showing vital parameters  
1X12V Power outlet  
Wash down system with hose on both sides

#### Extra Heavy Duty Screed VF0816C

20 150 heaviest screed  
2.4 - 4.7 m standard paving width  
3000 VPM Vibration on main screed  
Hydraulic tow points  
Hydraulic power crown  
Hydraulic extension match height  
Mechanical sloping extensions  
75 mm dia heavy duty screed guide tubes  
2X 220 V Power outlet  
Extendable operator platform  
Precision electric screed heating system

- 3 Temperature sensors
- Individual section temperature display
- Fail safe mode

#### Feed System

Wide hopper with 7.25 tonnes asphalt capacity  
Heavy duty one piece bent hopper plates  
Segmented center hopper apron  
Conveyor standard, separate control LH&RH  
Heavy duty conveyor flight bars, chains  
Rebuildable conveyor floor plates  
Maintenance free sealed conveyor and auger bearings  
Innovative 4 auger system mounted on screed  
230 mm diameter segmented high wear augers  
Electronic automatic auger/feeder control system

- 2 Ultrasonic sensors mounted on end gate
- Pile height control from color display
- Manual override
- Reversible augers & conveyors

#### Electrical System

Backup alarm  
Remote jump starting plug  
16 kW Generator, hydraulic driven  
Pre wired for grade and slope  
Pre wired for screed remotes  
6 LED working light package  
Rotating beacon

#### Telematics Solution (Option)

Dyn@Link Standard

- 3 Year subscription
- Track location and travelled distance
- Set up geofences with email alerts
- Working hour counter
- Service notifications



# FC1600C

## 2.4 - 4.7 m - Dual Conveyor Paver

For Commercial Class Paving Professionals

2 Crew operation as standard with optional 3 crew set up

Consoles prewired for screed remotes and leveling systems



74 kW (99 hp) T3 Cummins Engine

Innovative cool box cooling system concept

State of the art electro hydraulic controls

One piece bent 7.25 tonnes capacity hopper

Chamfered corners for easy clean out

10 mm thick heavy duty bolt on conveyor floor plate with 400 BHN material

Independent left and right control.

Reversible conveyor as standard

Strongest screed in its class (2 050 kg)

Precise & uniform electric heating across the width

Innovative 4 auger system for best in class material feed at wider widths

Heavy duty, individual replacement segments

Powerful & precision track drive

2 Speed Planetary Drive system

Automatic track tension system

Dual path sophisticated electronic drive system

### Optional Equipment

#### Tractor

Indicator, hydraulic oil filter restriction  
Indicator, air cleaner restriction  
Slow moving vehicle symbol  
Fire extinguisher  
Umbrella  
Truck hitch - oscillation

#### Screed

Screed, slope meter mechanical  
Screed, cut off plate  
Hydraulic slope extension VF0816C  
Electric heated end gates  
Road crew kit (3 operator kit)  
Leveling controls – single, dual and sonic ski

# Technical Data

	FC1300C	FC1400C	FC1600C
Weight (inclusive standard screed)	4,400 kg	5,700 kg	8,400 kg
Weight (Tractor Only)	3,500 kg	4,200 kg	6,350 kg
Basic Width Transport	2.6 m	2.6 m	2.6 m
Placement Thickness ( max)	152 mm	152 mm	152 mm
Theoretical Placement Capacity	180 Tonnes/hr	400 Tonnes/hr	550 Tonnes/hr
<b>MATERIAL HOPPER</b>			
Capacity	5,500 kg	6,000 kg	7,250 kg
Dumping height	584 mm	533 mm	533 mm
Hopper width (internal)	2,921 mm	3,048 mm	3,048 mm
<b>UNDERCARRIAGE</b>			
Type	Steel tracks on Poly pads	Steel tracks on Poly pads	Steel tracks on Poly pads
Maximum paving speed	0-35 mpm	0-43 mpm	0-43 mpm
Transport speed	0-5 km/h	0-5 km/h	0-5 km/h
<b>ENGINE</b>			
Manufacturer/Model	Kubota V1505	Kubota V3600	Cummins QSB 3.3
Emissions according to	EPA T4i/EU3B	EPA T4i/EU3B	EPA T3/EU3A
Rated Power	28 kw (38 hp) @ 3000 rpm	50 kw (67 hp) @ 2600 rpm	74 kw (99 hp) @ 1400 rpm
Electrical system, V	12 V	12V	12 V
Fuel tank capacity, L	76 l	53 l	83 l
Generator (Heating System)	N/A	N/A	16 kW
<b>CONVEYOR</b>			
	N/A		
Conveyor type		Dual Slat Conveyor	Dual Slat Conveyor
Conveyor width		610 mm	610 mm
Conveyor control		Automatic	Automatic
<b>AUGER</b>			
Auger diameter	230 mm	230 mm	230 mm
Auger control	Automatic with Wisker Switch	Automatic, Ultrasonic Sensor	Automatic, Ultrasonic Sensor
<b>SCREED</b>			
Screed Model	VF0813C	VF0814C	VF0816C
Heating Type	Propoane Gas	Propoane Gas	Electric Heat
Vibration	3000 VPM	3000 VPM	3000 VPM
Paving Width Basic	2.4 m	2.4 m	2.4 m
Paving Width Hydraulic Extension	4 m	4.3 m	4.7 m
Paving Width Minimum ( with cut off shoe)	0.3 m	0.3 m	0.3 m

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*Your Partner on the Road Ahead*



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