

DYNAPAC

Part of the Atlas Copco Group



Facts World wide

Roller • Paver • Planer



Our contribution to great construction

It takes world-class performance to create long lasting results. Whether you have a bridge, a road, a runway or any other infrastructure project to build, think Dynapac.

We put all of our knowledge and many years of experience into high performance compaction, paving and concrete equipment.

Our products span over a wide range of large and small road construction machinery that are truly reliable, user friendly and flexible to your needs. We are present around the globe to support you with application expertise, training, service and spare parts.

Learn more about our troublefree road construction machinery at www.dynapac.com.



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A devoted user of great compaction

When landing a plane you will be depending on a top class runway surface. It takes considerable knowledge and experience to achieve excellent runways. As a user you may not know this, but you will certainly feel the difference.

The latest Dynapac asphalt rollers incorporate all our experience to create superior runways and roads. Add to this, outstanding performance, user-friendly operation and ease of servicing.

Learn more about the Dynapac rollers and other great road construction equipment at www.dynapac.com.



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General

Options

Optional equipment, availability and prices may be obtained from your local Dynapac contact.

Mass

Operating mass includes:

- Fuel50 %
- Water50 %
- Operator 75 kg
- ROPS
- Seat-belts

Gradeability

Climbing ability is affected by:

- friction between drum/wheel and surface
- driving speed and driving technique
- driving with or without vibrations
- amount of, fuel, hydraulic oil and water
- tyre tread and type of drum (pad or smooth)
- engine oil sump type in order to give sufficient lubrication.

As all these factors must be considered in order to give a reliable recommendation, we have chosen to give a general recommendation that all Dynapac rollers have a climbing ability of at least 30% (17°) under normal conditions.

Contact Dynapac when special conditions exists.

Note: Safety factor must always be considered when operating on steep gradients.

Single Drum Rollers



Soil Compactors

CA134D

4 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	4550 kg
Front module mass	1800 kg
Max. operating mass	5500 kg
Static linear load	13 kg/cm
Frequency/Amplitude	35 Hz/1,7 mm
Centrifugal force	89 kN
Speed	0-6 km/h
Propulsion	Wheels and Drum
Curb clearance.....	263 mm

Dimensions

Drum width	1370 mm
Drum diameter.....	1000 mm
Drum shell thickness.....	22 mm
Length	3958 mm
Width	1494 mm
Height, w/w.o ROPS.....	2507/1820 mm

Engine

Model.....	John Deere 5030 HF285
Rated power, SAE J1995, at 2800 rpm, kw (hp)	62 (84)

CA134PD

4,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	4750 kg
Front module mass	2000 kg
Max. operating mass	5500 kg
Frequency/Amplitude	35 Hz/1,5 mm
Centrifugal force	89 kN
Speed	0-6 km/h
Propulsion	Wheels and Drum
Curb clearance.....	309 mm
Number of pads	72
Pad area (cm ²)	84

Dimensions

Drum width	1370 mm
Drum diameter	1000 mm
Drum shell thickness.....	22 mm
Length	3958 mm
Width	1494 mm
Height, w/w.o ROPS	2519/1820 mm

Engine

Model.....	John Deere 5030 HF285
Rated power, SAE J1995, at 2800 rpm, kw (hp)	62 (84)

CA144D

5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	4800 kg
Front module mass	2050 kg
Max. operating mass	5900 kg
Static linear load	12,2 kg/cm
Frequency/Amplitude	35 Hz/1,5 mm
Centrifugal force	89 kN
Speed	0-6 km/h
Propulsion	Wheels and Drum
Curb clearance.....	263 mm

Dimensions

Drum width	1676 mm
Drum diameter.....	1000 mm
Drum shell thickness.....	22 mm
Length	3958 mm
Width	1800 mm
Height, w/w.o ROPS	2507/1820 mm

Engine

Model.....	John Deere 5030 HF285
Rated power, SAE J1995, at 2800 rpm, kw (hp)	62 (84)

CA144PD

5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	5000 kg
Front module mass	2250 kg
Max. operating mass	5500 kg
Frequency/Amplitude	35 Hz/1,3 mm
Centrifugal force	89 kN
Speed	0-6 km/h
Propulsion	Wheels and Drum
Curb clearance.....	309 mm
Number of pads	88
Pad area (cm ²)	84

Dimensions

Drum width	1676 mm
Drum diameter	1000 mm
Drum shell thickness.....	22 mm
Length	3958 mm
Width	1676 mm
Height, w/w.o ROPS	2519/1820 mm

Engine

Model.....	John Deere 5030 HF285
Rated power, SAE J1995, at 2800 rpm, kw (hp)	62 (84)

CA150

7 tonnes



Capacity

Soil up to.....see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	7000 kg
Front module mass	3500 kg
Max. operating mass	8500 kg
Static linear load.....	20,9 kg/cm
Frequency/Amplitude	Hi: 31 Hz/1,7 mm
.....	Lo: 43 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	114/109 kN
Speed	0-7,5 km/h
Propulsion	Wheels
Curb clearance.....	366 mm

Dimensions

Drum width	1676 mm
Drum diameter.....	1219 mm
Drum shell thickness.....	22 mm
Length	4776 mm
Width	1852 mm
Height, w/w.o ROPS	2825/2051 mm

Engine

Model.....	Cummins QSB3.3
Rated power, SAE J1995, at 2200 rpm, kw (hp)	60 (80)

CA150D

7 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	7200 kg
Front module mass	3700 kg
Max. operating mass	9200 kg
Static linear load	22,1 kg/cm
Frequency/Amplitude	Hi:31 Hz/1,7 mm
.....	Lo: 43 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	114/109 kN
Speed	0-5 km/h
Propulsion	Wheels and Drum
Curb clearance.....	366 mm

Dimensions

Drum width	1676 mm
Drum diameter	1219 mm
Drum shell thickness	22 mm
Length	4776 mm
Width	1852 mm
Height, w/w.o ROPS	2825/2051 mm

Engine

Model.....	Cummins QSB3.3
Rated power, SAE J1995, at 2200 rpm, kw (hp)	60 (80)

CA150P

7,5 tonnes



Capacity

Soil up to.....see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	7400 kg
Front module mass	3900 kg
Max. operating mass	8800 kg
Frequency/Amplitude	Hi: 31 Hz/1,7 mm
.....	Lo: 43 Hz/0,9 mm
Centrifugal force, Hi/Lo:.....	143/136 kN
Speed	0-7,5 km/h
Propulsion	Wheels
Curb clearance.....	417 mm
Number of pads	132
Pad area (cm ²)	84

Dimensions

Drum width	1676 mm
Drum diameter	1219 mm
Drum shell thickness.....	22 mm
Length	4871 mm
Width	1852 mm
Height, w/w.o ROPS	2867/2066 mm

Engine

Model.....	Cummins QSBB3.3
Rated power, SAE J1995, at 2200 rpm, kw (hp)	60 (80)

CA150PD

7,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	7500 kg
Front module mass	4000 kg
Max. operating mass	8800 kg
Frequency/Amplitude	Hi:31 Hz/1,7 mm
.....	Lo: 43 Hz/0,9 mm
Centrifugal force, Hi/Lo:.....	143/136 kN
Speed.....	0-5 km/h
Propulsion.....	Wheels and Drum
Curb clearance.....	417 mm
Number of pads	132
Pad area (cm ²).....	84

Dimensions

Drum width	1676 mm
Drum diameter.....	1219 mm
Drum shell thickness.....	22 mm
Length	4871 mm
Width	1852 mm
Height, w/w.o ROPS	2867/2066 mm

Engine

Model.....	Cummins QSB3.3
Rated power, SAE J1995, at 2200 rpm, kw (hp)	60 (80)

CA152

7 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	7250 kg
Front module mass	3600 kg
Max. operating mass	9100 kg
Static linear load	21,5 kg/cm
Frequency/Amplitude	Hi: 31 Hz/1,7 mm
.....	Lo: 43 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	114/109 kN
Speed	0-19 km/h
Propulsion	Wheels
Curb clearance.....	366 mm

Dimensions

Drum width	1676 mm
Drum diameter.....	1219 mm
Drum shell thickness.....	22 mm
Length	4776 mm
Width	1852 mm
Height, w/w.o ROPS	2835/2051 mm

Engine

Model.....	Cummins QSB3.3
Rated power, SAE J1995, at 2200 rpm, kw (hp)	74 (99)

CA152D

7 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	7350 kg
Front module mass	3700 kg
Max. operating mass	9200 kg
Static linear load	22,1 kg/cm
Frequency/Amplitude	Hi:31 Hz/1,7 mm
.....	Lo: 43 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	114/109 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	366 mm

Dimensions

Drum width	1676 mm
Drum diameter	1219 mm
Drum shell thickness	22 mm
Length	4776 mm
Width	1852 mm
Height, w/w.o ROPS	2835/2051 mm

Engine

Model.....	Cummins QSB3.3
Rated power, SAE J1995, at 2200 rpm, kw (hp)	74 (99)

CA152PD

7,5 tonnes



Capacity

Soil up to.....see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	7700 kg
Front module mass	4050 kg
Max. operating mass	8800 kg
Frequency/Amplitude	Hi: 31 Hz/1,7 mm
.....	Lo: 43 Hz/0,9 mm
Centrifugal force, Hi/Lo:.....	143/136 kN
Speed	0-6,5 km/h
Propulsion	Wheels and Drum
Curb clearance.....	417 mm
Number of pads	132
Pad area (cm ²)	84

Dimensions

Drum width	1676 mm
Drum diameter	1219 mm
Drum shell thickness.....	22 mm
Length	4871 mm
Width	1852 mm
Height, w/w.o ROPS	2877/2066 mm

Engine

Model.....	Cummins QSB3.3
Rated power, SAE J1995, at 2200 rpm, kw (hp)	74 (99)

CA182D

9 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	8700 kg
Front module mass	5000 kg
Max. operating mass	9400 kg
Static linear load	30 kg/cm
Frequency/Amplitude	Hi: 31 Hz/1,9 mm
.....	Lo: 31 Hz/0,9 mm
Centrifugal force, Hi/Lo:.....	131/62 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	366 mm

Dimensions

Drum width	1676 mm
Drum diameter	1219 mm
Drum shell thickness	22 mm
Length	4826 mm
Width	1952 mm
Height, w/w.o ROPS	2835/2051 mm

Engine

Model.....	Cummins QSB3.3
Rated power, SAE J1995, at 2200 rpm, kw (hp)	74 (99)

CA182PD

9 tonnes



Capacity

Soil up to.....see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	8800 kg
Front module mass	5000 kg
Max. operating mass	9500 kg
Frequency/Amplitude	Hi: 31 Hz/1,8 mm
.....	Lo: 31 Hz/0,9 mm
Centrifugal force, Hi/Lo:.....	143/71 kN
Speed	0-6,5 km/h
Propulsion	Wheels and Drum
Curb clearance.....	366 mm
Number of pads	132
Pad area (cm2)	84

Dimensions

Drum width	1676 mm
Drum diameter	1219 mm
Drum shell thickness	22 mm
Length	4871 mm
Width	1952 mm
Height, w/w.o ROPS	2877/2066 mm

Engine

Model.....	Cummins QSB3.3
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CA250

10,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	10600 kg
Front module mass	6000 kg
Max. operating mass	13300 kg
Static linear load	28,2 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	246/119 kN
Speed	0-7,5 km/h
Propulsion	Wheels
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness	25 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS	2952/2190 mm

Engine

Model.....	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)
Model.....	Cummins 4BTA 3.9C (*)
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)

(*) for sales outside ECC countries only

CA250D

11 tonnes



Capacity

Soil up to.....see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	10800 kg
Front module mass	6200 kg
Max. operating mass	13500 kg
Static linear load	29,1 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	246/119 kN
Speed	0-5 km/h
Propulsion	Wheels and Drum
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter.....	1523 mm
Drum shell thickness.....	25 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS	2952/2190 mm

Engine

Model.....	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)
Model.....	Cummins 4BTA 3.9C (*)
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)

(*) for sales outside ECC countries only

CA250P

12 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12000 kg
Front module mass	7400 kg
Max. operating mass	13450 kg
Frequency/Amplitude	Hi: 33 Hz/1,6 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	300/146 kN
Speed.....	0-7,5 km/h
Propulsion.....	Wheels
Curb clearance.....	495 mm
Number of pads.....	130
Pad area (cm ²).....	146

Dimensions

Drum width	2130 mm
Drum diameter.....	1523 mm
Drum shell thickness.....	25 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS.....	2977/2190 mm

Engine

Model.....	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kW (hp).....	82 (110)
Model.....	Cummins 4BTA 3.9C (*)
Rated power, SAE J1995, at 2200 rpm, kW (hp).....	82 (110)

(*) for sales outside ECC countries only

CA250PD

12 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12200 kg
Front module mass	7600 kg
Max. operating mass	13650 kg
Frequency/Amplitude	Hi: 33 Hz/1,6 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	300/146 kN
Speed	0-5 km/h
Propulsion	Wheels and Drum
Curb clearance.....	495 mm
Number of pads	130
Pad area (cm ²)	146

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness	25 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS	2977/2190 mm

Engine

Model.....	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)
Model.....	Cummins 4BTA 3.9C (*)
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)

(*) for sales outside ECC countries only

CA252

10 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	10240 kg
Front module mass	5840 kg
Max. operating mass	13400 kg
Static linear load	27,4 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	246/119 kN
Speed	0-17 km/h
Propulsion	Wheels
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness	25 mm
Length	5550 mm
Width	2324 mm
Height, w/w.o ROPS	2972/2190 mm

Engine

Model.....	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kw (hp)	93 (125)

CA252D

10 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	10440 kg
Front module mass	6040 kg
Max. operating mass	13600 kg
Static linear load	28,4 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	246/119 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter.....	1523 mm
Drum shell thickness.....	25 mm
Length	5550 mm
Width	2324 mm
Height, w/w.o ROPS	2972/2190 mm

Engine

Model.....	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kw (hp)	93 (125)

CA260D

10,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 11300 kg

Front module mass 6200 kg

Max. operating mass 13850 kg

Static linear load 29,1 kg/cm

Frequency/Amplitude Hi: 33 Hz/1,7 mm

..... Lo: 33 Hz/0,8 mm

Centrifugal force, Hi/Lo:..... 246/119 kN

Speed 0-9 km/h

Propulsion Wheels and Drum

Curb clearance 400 mm

Dimensions

Drum width 2130 mm

Drum diameter 1523 mm

Drum shell thickness 25 mm

Length 5758 mm

Width 2384 mm

Height, w/w.o ROPS 2952/2190 mm

Engine

Model Cummins QSB 6.7

Rated power, SAE J1995, at 2200 rpm, kw (hp) .. 112 (150)

CA260PD

12 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12700 kg
Front module mass	7600 kg
Max. operating mass	14000 kg
Frequency/Amplitude	Hi: 33 Hz/1,6 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo.....	300/146 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	495 mm
Number of pads	130
Pad area (cm ²)	146

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness.....	25 mm
Length	5758 mm
Width	2384 mm
Height, w/w.o ROPS.....	2977/2190 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	112 (150)

CA262D

10,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	10700 kg
Front module mass	5600 kg
Max. operating mass	14000 kg
Static linear load	26,3 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	246/119 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness	25 mm
Length	5758 mm
Width	2324 mm
Height, w/w.o ROPS	2974/2190 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	112 (150)

CA262PD

12 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12100 kg
Front module mass	7000 kg
Max. operating mass	14200 kg
Frequency/Amplitude	Hi: 33 Hz/1,6 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo.....	300/146 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	495 mm
Number of pads	130
Pad area (cm ²)	146

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness.....	25 mm
Length	5758 mm
Width	2324 mm
Height, w/w.o ROPS.....	2996/2212 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	112 (150)

CA280

12 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12300 kg
Front module mass	6800 kg
Max. operating mass	14300 kg
Static linear load	31,9 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	246/119 kN
Speed	0-7,5 km/h
Propulsion	Wheels
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness	25 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS	2952/2190 mm

Engine

Model.....	Cummins 4BTA 3.9C (*)
Rated power, SAE J1995, at 2200 rpm, kW (hp).....	82 (110)

(*) for sales outside ECC countries only

CA280D

12 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12500 kg
Front module mass	7000 kg
Max. operating mass	14500 kg
Static linear load	32,9 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	246/119 kN
Speed	0-5 km/h
Propulsion	Wheels and Drum
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness	25 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS	2952/2190 mm

Engine

Model	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)
Model	Cummins 4BTA 3.9C (*)
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)

(*) for sales outside ECC countries only

CA300

12 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12300 kg
Front module mass	7850 kg
Max. operating mass	14300 kg
Static linear load	36,8 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	300/146 kN
Speed	0-7,5 km/h
Propulsion	Wheels
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1543 mm
Drum shell thickness	35 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS	2972/2190 mm

Engine

Model.....	Cummins 4BTA 3.9C (*)
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)

(*) for sales outside ECC countries only

CA300D

12 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12550 kg
Front module mass	8100 kg
Max. operating mass	14550 kg
Static linear load	38 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	300/146 kN
Speed	0-5 km/h
Propulsion	Wheels and Drum
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1543 mm
Drum shell thickness	35 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS	2972/2190 mm

Engine

Model	Cummins 4BTA 3.9C (*)
Rated power, SAE J1995, at 2200 rpm, kW (hp)	82 (110)

(*) for sales outside ECC countries only

CA302D

12,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12700 kg
Front module mass	8100 kg
Max. operating mass	14900 kg
Static linear load	38 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	300/146 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1543 mm
Drum shell thickness	35 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS	2972/2190 mm

Engine

Model.....	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kw (hp)	93 (125)

CA302PD

12,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	12660 kg
Front module mass	8000 kg
Max. operating mass	14800 kg
Frequency/Amplitude	Hi: 33 Hz/1,6 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	300/146 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	495 mm
Number of pads	130
Pad area (cm ²)	146

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness	25 mm
Length	5550 mm
Width	2384 mm
Height, w/w.o ROPS	2985/2210 mm

Engine

Model.....	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kw (hp)	93 (125)

CA362D

13 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	13200 kg
Front module mass	8200 kg
Max. operating mass	15350 kg
Static linear load	38 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	300/146 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1543 mm
Drum shell thickness	35 mm
Length	5758 mm
Width	2384 mm
Height, w/w.o ROPS	2980/2190 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	112 (150)

CA362PD

13 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	13100 kg
Front module mass	8100 kg
Max. operating mass	15250 kg
Frequency/Amplitude	Hi: 33 Hz/1,6 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	300/146 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	495 mm
Number of pads	130
Pad area (cm ²)	146

Dimensions

Drum width	2130 mm
Drum diameter	1523 mm
Drum shell thickness	25 mm
Length	5758 mm
Width	2384 mm
Height, w/w.o ROPS	2996/2212 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	112 (150)

CA402D

14 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	13800 kg
Front module mass	9300 kg
Max. operating mass	15000 kg
Static linear load	43,7 kg/cm
Frequency/Amplitude	Hi: 33 Hz/1,7 mm
.....	Lo: 33 Hz/0,8 mm
Centrifugal force, Hi/Lo:.....	300/146 kN
Speed	0-9 km/h
Propulsion	Wheels and Drum
Curb clearance.....	400 mm

Dimensions

Drum width	2130 mm
Drum diameter	1543 mm
Drum shell thickness.....	35 mm
Length	5550 mm
Width	2424 mm
Height, w/w.o ROPS	2972/2190 mm

Engine

Model.....	Cummins QSB 4.5
Rated power, SAE J1995, at 2200 rpm, kw (hp)	93 (125)

CA500D

15 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 15300 kg

Front module mass 10100 kg

Max. operating mass 16800 kg

Static linear load 47,4 kg/cm

Frequency/Amplitude Hi: 29 Hz/1,8 mm

..... Lo: 33 Hz/1,1 mm

Centrifugal force, Hi/Lo:..... 300/238 kN

Speed..... 0-11 km/h

Propulsion..... Wheels and Drum

Curb clearance..... 400 mm

Dimensions

Drum width 2130 mm

Drum diameter 1563 mm

Drum shell thickness 45 mm

Length 6000 mm

Width 2350 mm

Height, w/w.o ROPS 2955/2190 mm

Engine

Model..... Cummins 6BTA 5.9 (*)

Rated power, SAE J1995, at 2200 rpm, kw (hp) .. 129 (173)

(*) for sales outside ECC countries only

CA500PD

15,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	15500 kg
Front module mass	10300 kg
Max. operating mass	17000 kg
Frequency/Amplitude	Hi: 29 Hz/1,7 mm
.....	Lo: 33 Hz/1,0 mm
Centrifugal force, Hi/Lo:.....	300/238 kN
Speed.....	0-11 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm
Number of pads	130
Pad area (cm ²)	146

Dimensions

Drum width	2130 mm
Drum diameter.....	1543 mm
Drum shell thickness.....	35 mm
Length	6000 mm
Width	2 350 mm
Height, w/w.o ROPS	2990/2210 mm

Engine

Model.....	Cummins 6BTA 5.9 (*)
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	129 (173)

(*) for sales outside ECC countries only

CA512D

15,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	15600 kg
Front module mass	10500 kg
Max. operating mass	17000 kg
Static linear load	49,3 kg/cm
Frequency/Amplitude	Hi: 29 Hz/1,8 mm
.....	Lo: 33 Hz/1,1 mm
Centrifugal force, Hi/Lo:.....	300/238 kN
Speed	0-11 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm

Dimensions

Drum width	2130 mm
Drum diameter.....	1563 mm
Drum shell thickness.....	45 mm
Length	6000 mm
Width	2350 mm
Height, w/w.o ROPS	2955/2134 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	129 (173)

CA512PD

15,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	15800 kg
Front module mass	10700 kg
Max. operating mass	17200 kg
Frequency/Amplitude	Hi: 29 Hz/1,7 mm
.....	Lo: 33 Hz/1,0 mm
Centrifugal force, Hi/Lo:.....	300/238 kN
Speed.....	0-11 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm
Number of pads	130
Pad area (cm ²).....	146

Dimensions

Drum width	2130 mm
Drum diameter.....	1543 mm
Drum shell thickness.....	35 mm
Length	6000 mm
Width	2350 mm
Height, w/w.o ROPS	2990/2208 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	129 (173)

CA600D

18,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	18300 kg
Front module mass	12200 kg
Max. operating mass	18600 kg
Static linear load	57,3 kg/cm
Frequency/Amplitude	Hi: 29 Hz/1,8 mm
.....	Lo: 33 Hz/1,1 mm
Centrifugal force, Hi/Lo:.....	300/238 kN
Speed	0-11 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm

Dimensions

Drum width	2130 mm
Drum diameter.....	1563 mm
Drum shell thickness.....	45 mm
Length	6000 mm
Width	2400 mm
Height, w/w.o ROPS	2955/2190 mm

Engine

Model.....	Cummins 6BTA 5.9 (*)
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	129 (173)

(*) for sales outside ECC countries only

CA600PD

18,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	18500 kg
Front module mass	12400 kg
Max. operating mass	18800 kg
Frequency/Amplitude	Hi: 29 Hz/1,7 mm
.....	Lo: 33 Hz/1,0 mm
Centrifugal force, Hi/Lo:.....	300/238 kN
Speed.....	0-11 km/h
Propulsion.....	Wheels and Drum
Curb clearance.....	460 mm
Number of pads.....	130
Pad area (cm ²).....	146

Dimensions

Drum width	2130 mm
Drum diameter.....	1543 mm
Drum shell thickness.....	35 mm
Length	6000 mm
Width	2400 mm
Height, w/w.o ROPS.....	2990/2210 mm

Engine

Model.....	Cummins 6BTA 5.9 (*)
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	129 (173)

(*) for sales outside ECC countries only

CA602D

18,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	18600 kg
Front module mass	12700 kg
Max. operating mass	19000 kg
Static linear load	59,6 kg/cm
Frequency/Amplitude	Hi: 29 Hz/1,8 mm
.....	Lo: 31 Hz/1,1 mm
Centrifugal force, Hi/Lo:.....	317/231 kN
Speed	0-11 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm

Dimensions

Drum width	2130 mm
Drum diameter.....	1573 mm
Drum shell thickness.....	50 mm
Length	6000 mm
Width	2400 mm
Height, w/w.o ROPS	2972/2136 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	142 (190)

CA602PD

18,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	18600 kg
Front module mass	12700 kg
Max. operating mass	19000 kg
Frequency/Amplitude	Hi: 29 Hz/1,8 mm
.....	Lo: 31 Hz/1,2 mm
Centrifugal force, Hi/Lo:.....	317/231 kN
Speed.....	0-11 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm
Number of pads	130
Pad area (cm ²).....	146

Dimensions

Drum width	2130 mm
Drum diameter.....	1543 mm
Drum shell thickness.....	35 mm
Length	6000 mm
Width	2400 mm
Height, w/w.o ROPS	3000/2210 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	142 (190)

CA610D

20,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. Cab)	20650 kg
Front module mass	14025 kg
Max. operating mass	21000 kg
Static linear load	66 kg/cm
Frequency/Amplitude	Hi: 29 Hz/1,8 mm
.....	Lo: 31 Hz/1,1 mm
Centrifugal force, Hi/Lo:.....	317/231 kN
Speed.....	0-11 km/h
Propulsion.....	Wheels and Drum
Curb clearance.....	460 mm

Dimensions

Drum width	2130 mm
Drum diameter.....	1573 mm
Drum shell thickness.....	50 mm
Length	6180 mm
Width	2400 mm
Height, w/w.o ROPS.....	2970/2186 mm

Engine

Model.....	Cummins 6BTA 5.9C
Rated power, SAE J1995, at 2200 rpm, kw (hp).....	129 (173)

CA610PD

20,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. Cab)	20650 kg
Front module mass	14025 kg
Max. operating mass	21000 kg
Frequency/Amplitude	Hi: 29 Hz/1,8 mm
.....	Lo: 31 Hz/1,1 mm
Centrifugal force, Hi/Lo:.....	317/231 kN
Speed.....	0-11 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm
Number of pads	130
Pad area (cm ²).....	146

Dimensions

Drum width	2130 mm
Drum diameter.....	1543 mm
Drum shell thickness.....	35 mm
Length	6180 mm
Width	2400 mm
Height, w/w.o ROPS	3000/2238 mm

Engine

Model.....	Cummins 6BTA 5.9C
Rated power, SAE J1995, at 2200 rpm, kw (hp).....	129 (173)

CA612D

20,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. Cab)	20700 kg
Front module mass	14050 kg
Max. operating mass	21000 kg
Static linear load	66 kg/cm
Frequency/Amplitude	Hi: 29 Hz/1,8 mm
.....	Lo: 31 Hz/1,1 mm
Centrifugal force, Hi/Lo:.....	317/231 kN
Speed	0-11 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm

Dimensions

Drum width	2130 mm
Drum diameter.....	1573 mm
Drum shell thickness.....	50 mm
Length	6180 mm
Width	2400 mm
Height, w/w.o ROPS	2972/2136 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	142 (190)

CA612PD

20,5 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. Cab)	20700 kg
Front module mass	14050 kg
Max. operating mass	21000 kg
Frequency/Amplitude	Hi: 29 Hz/1,8 mm
.....	Lo: 31 Hz/1,2 mm
Centrifugal force, Hi/Lo:.....	317/231 kN
Speed.....	0-11 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm
Number of pads	130
Pad area (cm ²).....	146

Dimensions

Drum width	2130 mm
Drum diameter.....	1543 mm
Drum shell thickness.....	35 mm
Length	6180 mm
Width	2400 mm
Height, w/w.o ROPS	3000/2210 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	142 (190)

CA702D

27 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. Cab)	26900 kg
Front module mass	17200 kg
Max. operating mass	27250 kg
Static linear load	80,8 kg/cm
Frequency/Amplitude	Hi: 28 Hz/2,0 mm
.....	Lo: 30 Hz/1,3 mm
Centrifugal force, Hi/Lo:.....	330/252 kN
Speed	0-8 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm

Dimensions

Drum width	2130 mm
Drum diameter.....	1700 mm
Drum shell thickness.....	40 mm
Length	6515 mm
Width	2420 mm
Height, w/w.o Cab	2955/2180 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	164 (220)

CA702PD

27 tonnes



Capacity

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. Cab)	26900 kg
Front module mass	17200 kg
Max. operating mass	27250 kg
Frequency/Amplitude	Hi: 28 Hz/2,0 mm
.....	Lo: 30 Hz/1,3 mm
Centrifugal force, Hi/Lo:.....	330/252 kN
Speed.....	0-8 km/h
Propulsion	Wheels and Drum
Curb clearance.....	460 mm
Number of pads	140
Pad area (cm ²).....	146

Dimensions

Drum width	2130 mm
Drum diameter.....	1680 mm
Drum shell thickness.....	30 mm
Length	6515 mm
Width	2420 mm
Height, w/w.o Cab	3010/2240 mm

Engine

Model.....	Cummins QSB 6.7
Rated power, SAE J1995, at 2200 rpm, kw (hp) ..	164 (220)



DYNAPAC

DYNAPAC

Single Drum Rollers



Asphalt Compactors

CA150A

7,5 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)7400 kg

Front module mass3700 kg

Max. operating mass8100 kg

Static linear load 22,1 kg/cm

Frequency/Amplitude Hi: 45 Hz/0,8 mm

..... Lo: 45 Hz/0,4 mm

Centrifugal force, Hi/Lo:..... 115/58 kN

Speed.....0-7,5 km/h

Propulsion..... Wheels

Curb clearance..... 366 mm

Water tank..... 500 litre

Dimensions

Drum width1676 mm

Drum diameter.....1213 mm

Drum shell thickness.....19 mm

Length4776 mm

Width1852 mm

Height, w/w.o ROPS.....2825/2051 mm

Engine

Model.....Cummins B3.3

Rated power, SAE J1995, at 2200 rpm, kw (hp) 60 (80)

CA150AD

8 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)7600 kg

Front module mass3900 kg

Max. operating mass8300 kg

Static linear load23 kg/cm

Frequency/Amplitude Hi: 45 Hz/0,8 mm

..... Lo: 45 Hz/0,4 mm

Centrifugal force, Hi/Lo:..... 115/58 kN

Speed..... 0-5 km/h

Propulsion..... Wheels and Drum

Curb clearance..... 366 mm

Water tank..... 500 litre

Dimensions

Drum width1676 mm

Drum diameter.....1213 mm

Drum shell thickness.....19 mm

Length4776 mm

Width1852 mm

Height, w/w.o ROPS 2825/2051 mm

Engine

Model..... Cummins B3.3

Rated power, SAE J1995, at 2200 rpm, kw (hp)60 (80)

Optional equipment for CA-rollers

Air-condition
Anti-spin control/Flow Divider
Back up alarm
Biologically degradable hydraulic oil
Bolt-on PD-shell
Central hydraulic test panel
Compaction meter
Canpoy
DCA, Compaction Analyzer
Engine block heater
Frequency meter/Tachometer
GPS for DCA
Head lights with Head light protection
Noise reduction
Radio with CD player
Rotating beacon
Safety Cab incl. comfort package

- Heater
- Front/rear wiper and washer
- Noise absorbing interior
- Rear view mirrors
- Tinted glass
- Working lights, front/rear

Speedometer
Strike-off blade (PD)
Tachograph
Tractor wheels
Tool box
Tool set

Optional equipment can vary between models.
Please contact your local Dynapac dealer.

Tandem Rollers



Asphalt Compactors

CC800

1,6 tonnes



Capacity

Asphalt up to.....see Compaction capacity table

Soil up to.....see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 1575 (1600*) kg

Module mass front/rear 740/835 kg

Max. operating mass 1665 kg

Static linear load std/max..... Front: 9,3 (10*) kg/cm

..... Rear: 10 (10*) kg/cm

Frequency/Amplitude 70 Hz/0,4 mm

Centrifugal force 17 kN

Speed 0-9 km/h

Propulsion Both Drums

Curb clearance..... 450 mm

Water tank..... 110 litre

Dimensions

Drum width 800 mm

Drum diameter..... 588 mm

Drum shell thickness..... 15 mm

Length, w/w.o ROPS 2095/2040 mm

Width, w/w.o ROPS 874/874 mm

Height, w/w.o ROPS 2300/1585 mm

Engine

Model.....Perkins 403D-11

Rated power, SAE J1995, at 2600 rpm, kW (hp)17 (23,5)

*) with optional ballast mass

CC900

1,6 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 1600 kg

Module mass front/rear 750/850 kg

Max. operating mass 1665 kg

Static linear load std/max..... Front: 8,3 kg/cm

..... Rear: 9,4 kg/cm

Frequency/Amplitude 70 Hz/0,4 mm

Centrifugal force 17 kN

Speed 0-9 km/h

Propulsion Both Drums

Curb clearance 450 mm

Water tank 110 litre

Dimensions

Drum width 900 mm

Drum diameter 584 mm

Drum shell thickness 13 mm

Length, w/w.o ROPS 2095/2040 mm

Width, w/w.o ROPS 974/974 mm

Height, w/w.o ROPS 2300/1585 mm

Engine

Model Perkins 403D-11

Rated power, SAE J1995, at 2600 rpm, kW (hp) 17 (23,5)

CC900G

1,3 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 1340 kg

Module mass front/rear 595/745 kg

Max. operating mass 1510 kg

Static linear load std/max..... Front: 6,6 kg/cm

..... Rear: 8,2 kg/cm

Frequency/Amplitude 70 Hz/0,4 mm

Centrifugal force 17 kN

Speed 0-8 km/h

Propulsion Both Drums

Curb clearance..... 450 mm

Water tank..... 190 litre

Dimensions

Drum width 900 mm

Drum diameter 580 mm

Drum shell thickness 11 mm

Length, w/w.o ROPS 2105/2105 mm

Width, w/w.o ROPS 974/974 mm

Height, w/w.o ROPS 2300/1540 mm

Engine

Model..... Honda GX620K1QYD

Rated power, SAE J1995, at 3000 rpm, kW (hp)13,4 (18)

CC900S

1,6 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 1640 kg

Module mass front/rear 790/850 kg

Max. operating mass 1705 kg

Static linear load, front/rear 8,8/9,4 kg/cm

Nominal amplitude, front/rear..... 0,3/0,35 mm

Vibration frequency, front/rear 56/70 Hz

Centrifugal force, front/rear 11,2/17 kN

Speed..... 0-9 km/h

Propulsion..... Both Drums

Curb clearance..... 450 mm

Water tank..... 110 litre

Dimensions

Drum width 900 mm

Drum diameter..... 584 mm

Drum shell thickness..... 13 mm

Length, w/w.o ROPS 2095/2040 mm

Width, w/w.o ROPS 997/997 mm

Height, w/w.o ROPS 2300/1585 mm

Engine

Model..... Perkins 403D-11

Rated power, SAE J1995, at 2600 rpm, kW (hp) 17 (23,5)

CC1000

1,6 tonnes



Capacity

Asphalt up to.....see Compaction capacity table

Soil up to.....see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 1685 kg

Module mass front/rear 790/895 kg

Max. operating mass 1750 kg

Static linear load std/max..... Front: 7,9 kg/cm

..... Rear: 8,9 kg/cm

Frequency/Amplitude 70 Hz/0,35 mm

Centrifugal force 17 kN

Speed 0-9 km/h

Propulsion Both Drums

Curb clearance..... 450 mm

Water tank..... 110 litre

Dimensions

Drum width 1000 mm

Drum diameter..... 584 mm

Drum shell thickness..... 13 mm

Length, w/w.o ROPS 2095/2040 mm

Width, w/w.o ROPS 1074/1074 mm

Height, w/w.o ROPS 2300/1585 mm

Engine

Model.....Perkins 403D-11

Rated power, SAE J1995, at 2600 rpm, kW (hp)17 (23,5)

CC102

2,3 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)2350 kg

Module mass front/rear 1130/1220 kg

Max. operating mass2460 kg

Static linear load std/max.....Front: 10,6/11,3 kg/cm

.....Rear: 11,4/11,6 kg/cm

Frequency/Amplitude57 Hz/0,5 mm

Centrifugal force 23 kN

Speed..... 0-10 km/h

Propulsion.....Both Drums

Curb clearance..... 550 mm

Water tank..... 160 litre

Dimensions

Drum width1070 mm

Drum diameter 680 mm

Drum shell thickness..... 12 mm

Length, w/w.o ROPS 2450/2395 mm

Width, w/w.o ROPS 1180/1150 mm

Height, w/w.o ROPS 2640/1755 mm

Engines

Model..... Deutz D2011 L02 I

Rated power, SAE J1995, at 2800 rpm, kW (hp)..... 23 (29)

CC122

2,6 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)2600 kg

Module mass front/rear 1260/1340 kg

Max. operating mass2710 kg

Static linear load std/max.....Front: 10,5/11,2 kg/cm

.....Rear: 11,2/11,4 kg/cm

Frequency/Amplitude58 Hz/0,5 mm

Centrifugal force 27 kN

Speed.....0-10 km/h

Propulsion.....Both Drums

Curb clearance..... 550 mm

Water tank..... 160 litre

Dimensions

Drum width 1200 mm

Drum diameter 682 mm

Drum shell thickness 13 mm

Length, w/w.o ROPS 2450/2395 mm

Width, w/w.o ROPS 1310/1280 mm

Height, w/w.o ROPS 2640/1755 mm

Engines

Model..... Deutz D2011 L02 I

Rated power, SAE J1995, at 2800 rpm, kW (hp) 23 (29)

CC142

4 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)3900 kg

Module mass front/rear 1900/2000 kg

Max. operating mass4030 kg

Static linear load std/max.....Front: 14,5/15,4 kg/cm

.....Rear: 15,4/15,6 kg/cm

Frequency/Amplitude52 Hz/0,5 mm

Centrifugal force 33 kN

Speed..... 0-10 km/h

PropulsionBoth Drums

Curb clearance..... 600 mm

Water tank..... 200 litre

Dimensions

Drum width 1300 mm

Drum diameter 802 mm

Drum shell thickness 16 mm

Length, w/w.o ROPS 2725/2725 mm

Width, w/w.o ROPS 1450/1400 mm

Height, w/w.o ROPS 2750/1855 mm

Engine

Model..... Deutz D2011 L03 I

Rated power, SAE J1995, at 2600 rpm, kW (hp) 34 (45)

CG223HF

7,5 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. cab)7500 kg

Module mass front/rear 3750/3750 kg

Max. operating mass8200 kg

Static linear load std/max..... Front: 25,9/28,3 kg/cm

.....Rear: 25,9/28,3 kg/cm

Frequency/Amplitude Hi: 54 Hz/0,7 mm

..... Lo: 67 Hz/0,2 mm

Centrifugal force, Hi/Lo:.....89/39 kN

Speed 0-12 km/h

Propulsion Both Drums

Curb clearance..... 675 mm

Water tanks 2 x 370 litre

Dimensions

Drum width1450 mm

Drum diameter1120 mm

Drum shell thickness 17 mm

Length3900 mm

Width1575 mm

Height, w ROPS/cab2950 mm

Engine

Model..... Deutz TD2011 L04W

Rated power, SAE J1995, at 2600 rpm, kW (hp) 65 (87)

CC222HF

8 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)7700 kg

Module mass front/rear 3840/3860 kg

Max. operating mass8400 kg

Static linear load std/max.....Front: 26,5/28,9 kg/cm

.....Rear: 26,6/29,0 kg/cm

Frequency/AmplitudeHi: 51 Hz/0,7 mm

.....Lo: 71 Hz/0,2 mm

Centrifugal force, Hi/Lo:.....78/44 kN

Speed..... 0-13 km/h

PropulsionBoth Drums

Curb clearance..... 675 mm

Water tanks2 x 365 litre

Dimensions

Drum width 1450 mm

Drum diameter 1120 mm

Drum shell thickness 17 mm

Length4300 mm

Width 1575 mm

Height, w/w.o ROPS 2920/2120 mm

Engine

Model.....Deutz TD2011 L04I

Rated power, SAE J1995, at 2800 rpm, kW (hp).....60 (82)

CG233HF

8 tonnes
- Split Drums



Capacity

Asphalt up to..... see Compaction capacity table

Specifications

Operating mass (incl. cab)8200 kg
Module mass front/rear 4100/4100 kg
Max. operating mass8900 kg
Static linear load std/max..... Front: 28,3/30,7 kg/cm
.....Rear: 28,3/30,7 kg/cm
Frequency/Amplitude Hi: 54 Hz/0,5 mm
..... Lo: 68 Hz/0,2 mm
Centrifugal force, Hi/Lo:.....89/68 kN
Speed..... 0-12 km/h
Propulsion.....Both Drums
Curb clearance..... 675 mm
Water tanks.....2 x 370 litre

Dimensions

Drum width1450 mm
Drum diameter..... 1120 mm
Drum shell thickness..... 17 mm
Length3900 mm
Width1575 mm
Height, w ROPS/cab.....2950 mm

Engine

Model..... Deutz TD2011 L4W
Rated power, SAE J1995, at 2600 rpm, kW (hp) 65 (87)

CC232HF

8,5 tonnes
- Split Drums



Capacity

Asphalt up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)	8400 kg
Module mass front/rear	4240/4160 kg
Max. operating mass	9100 kg
Static linear load std/max.....	Front: 29,2/31,7 kg/cm
.....	Rear: 28,7/31,1 kg/cm
Frequency/Amplitude	Hi: 51 Hz/0,5 mm
.....	Lo: 71 Hz/0,2 mm
Centrifugal force, Hi/Lo:.....	78/68 kN
Speed.....	0-13 km/h
Propulsion	Both Drums
Curb clearance.....	675 mm
Water tanks.....	2 x 365 litre

Dimensions

Drum width	1450 mm
Drum diameter	1120 mm
Drum shell thickness.....	17 mm
Length	4300 mm
Width	1575 mm
Height, w/w.o ROPS	2920/2120 mm

Engine

Model.....	Deutz TD2011 L04I
Rated power, SAE J1995, at 2800 rpm, kW (hp)	60 (82)

CG333HF

8,5 tonnes
- Split Drums



Capacity

Asphalt up to..... see Compaction capacity table

Specifications

Operating mass (incl. cab)	8600 kg
Module mass front/rear	4300/4300 kg
Max. operating mass	9100 kg
Static linear load std/max.....	Front: 25,6/27,0 kg/cm
.....	Rear: 25,6/27,0 kg/cm
Frequency/Amplitude	Hi: 54 Hz/0,5 mm
.....	Lo: 68 Hz/0,2 mm
Centrifugal force, Hi/Lo:.....	82/60 kN
Speed.....	0-12 km/h
Propulsion	Both Drums
Curb clearance.....	870 mm
Water tanks	2 x 370 litre

Dimensions

Drum width	1680 mm
Drum diameter.....	1120 mm
Drum shell thickness.....	17 mm
Length	4070 mm
Width	1805 mm
Height, w ROPS/cab.....	2950 mm

Engine

Model.....	Deutz TD2011 L4W
Rated power, SAE J1995, at 2600 rpm, kW (hp).....	65 (87)

CC322

8,5 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)8100 kg

Module mass front/rear 4000/4100 kg

Max. operating mass8800 kg

Static linear load std/max.....Front: 23,8/25,9 kg/cm

.....Rear: 24,4/26,5 kg/cm

Frequency/AmplitudeHi: 51 Hz/0,6 mm

.....Lo: 51 Hz/0,3 mm

Centrifugal force, Hi/Lo:.....89/39 kN

Speed..... 0-13 km/h

Propulsion.....Both Drums

Curb clearance..... 675 mm

Water tanks.....2 x 365 litre

Dimensions

Drum width 1680 mm

Drum diameter 1120 mm

Drum shell thickness..... 18 mm

Length4300 mm

Width 1805 mm

Height, w/w.o ROPS 2920/2120 mm

Engine

Model.....Deutz TD2011 L04I

Rated power, SAE J1995, at 2800 rpm, kW (hp) 60 (82)

CC424HF

10,5 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 10500 kg

Module mass front/rear 5350/5150 kg

Max. operating mass 11650 kg

Static linear load std/max..... Front: 30,9/34,3 kg/cm

..... Rear: 29,8/33,0 kg/cm

Frequency/Amplitude Hi: 51 Hz/0,8 mm

..... Lo: 67 Hz/0,3 mm

Centrifugal force, Hi/Lo:..... 142/93 kN

Speed..... 0-12 km/h

Propulsion..... Both Drums

Curb clearance..... 865 mm

Water tank..... 900 litre

Dimensions

Drum width 1730 mm

Drum diameter..... 1300 mm

Drum shell thickness..... 18 mm

Length 4990 mm

Width 1878 mm

Height, w/w.o ROPS 2990/2275 mm

Engine

Model..... Cummins QSB 4.5 T3

Rated power, SAE J1995,

at 2200 rpm, kW (hp) 82 (110) / 93 (125)

CC524HF

12 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 11600 kg

Module mass front/rear 5900/5700 kg

Max. operating mass 13000 kg

Static linear load std/max..... Front: 30,3/34,0 kg/cm

.....Rear: 29,2/32,7 kg/cm

Frequency/AmplitudeHi: 51 Hz/0,8 mm

.....Lo: 67 Hz/0,3 mm

Centrifugal force, Hi/Lo:.....157/101 kN

Speed.....0-12 km/h

Propulsion.....Both Drums

Curb clearance.....865 mm

Water tanks.....900/1150/1400 litre

Dimensions

Drum width1950 mm

Drum diameter.....1300 mm

Drum shell thickness.....18 mm

Length4990 (5400) mm

Width2138 mm

Height, w/w.o ROPS2990/2275 mm

Engine

Model..... Cummins QSB 4.5 T3

Rated power, SAE J1995,

at 2200 rpm, kW (hp) 82 (110) / 93 (125) / 113 (152)

CC624HF

12,5 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 12600 kg

Module mass front/rear 6400/6200 kg

Max. operating mass 14200 kg

Static linear load std/max..... Front: 30,0/34,0 kg/cm

..... Rear: 29,1/32,7 kg/cm

Frequency/Amplitude Hi: 51 Hz/0,8 mm

..... Lo: 67 Hz/0,3 mm

Centrifugal force, Hi/Lo:..... 169/108 kN

Speed..... 0-12 km/h

Propulsion Both Drums

Curb clearance..... 865 mm

Water tanks 900/1150/1400 litre

Dimensions

Drum width 2130 mm

Drum diameter..... 1300 mm

Drum shell thickness..... 18 mm

Length 4990 (5400) mm

Width 2319 mm

Height, w/w.o ROPS 2990/2275 mm

Engine

Model..... Cummins QSB 4.5 T3

Rated power, SAE J1995,

at 2200 rpm, kW (hp) 93 (125) / 113 (152)

CC722

17 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 16775 kg

Module mass front/rear 8245/8530 kg

Max. operating mass 17985 kg

Static linear load std/max.....Front: 38,7/40,8 kg/cm

.....Rear: 40,0/43,6 kg/cm

Frequency/AmplitudeHi: 48 Hz/0,7 mm

.....Lo: 48 Hz/0,4 mm

Centrifugal force, Hi/Lo:.....215/102 kN

Speed..... 0-11 km/h

Propulsion.....Both Drums

Curb clearance..... 400 mm

Water tanks.....2 x 670 litre

Dimensions

Drum width2130 mm

Drum diameter.....1527 mm

Drum shell thickness.....23 mm

Length5653 mm

Width2430 mm

Height, w/w.o ROPS 3430/2630 mm

Engine

Model..... Cummins QSB 6.7 T3

Rated power, SAE J1995, at 2200 rpm, kW (hp). 160 (215)

Please note that ROPS fits over cab!



Combi Rollers



Asphalt Compactors

CC102C

2,5 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)2300 kg

Module mass front/rear 1130/1170 kg

Max. operating mass2440 kg

Static linear load std/max..... 10,6/11,3 kg/cm

Wheel load, 4 wheels, std/max..... 290/308 kg/wheel

Frequency/Amplitude57 Hz/0,5 mm

Centrifugal force 23 kN

Speed..... 0-7 km/h

Propulsion.....All Wheels and Drum

Curb clearance..... 550 mm

Water tank..... 160 litre

Emulsion tank.....30 litre

Dimensions

Drum/wheel module width..... 1070/1050 mm

Drum diameter..... 680 mm

Drum shell thickness..... 12 mm

Length, w/w.o ROPS 2450/2395 mm

Width, w/w.o ROPS 1180/1150 mm

Height, w/w.o ROPS 2640/1755 mm

Engines

Model..... Deutz D2011 L02 I

Rated power, SAE J1995, at 2800 rpm, kW (hp)..... 23 (29)

CC122C

2,5 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)2430 kg

Module mass front/rear 1260/1170 kg

Max. operating mass2570 kg

Static linear load std/max..... 10,5/11,2 kg/cm

Wheel load, 4 wheels, std/max..... 290/305 kg/wheel

Frequency/Amplitude58 Hz/0,5 mm

Centrifugal force 27 kN

Speed..... 0-7 km/h

Propulsion.....All Wheels and Drum

Curb clearance..... 550 mm

Water tank..... 160 litre

Emulsion tank.....30 litre

Dimensions

Drum/wheel module width..... 1200/1180 mm

Drum diameter 682 mm

Drum shell thickness.....13 mm

Length, w/w.o ROPS 2450/2395 mm

Width, w/w.o ROPS 1310/1280 mm

Height, w/w.o ROPS 2640/1755 mm

Engines

Model..... Deutz D2011 L02 I

Rated power, SAE J1995, at 2800 rpm, kW (hp)..... 23 (29)

CC142C

4 tonnes



Capacity

Asphalt up to.....see Compaction capacity table

Soil up to.....see Compaction capacity table

Specifications

Operating mass (incl. ROPS)3750 kg

Module mass front/rear 1930/1820 kg

Max. operating mass3900 kg

Static linear load, std/max 14,8/15,6 kg/cm

Wheel load, 4 wheels, std/max..... 455/470 kg/wheel

Frequency/Amplitude52 Hz/0,5 mm

Centrifugal force 33 kN

Speed..... 0-10 km/h

Propulsion.....All Wheels and Drum

Curb clearance..... 600 mm

Water tank..... 200 litre

Emulsion tank..... 40 litre

Dimensions

Drum/wheel module width..... 1300/1275 mm

Drum diameter..... 802 mm

Drum shell thickness..... 16 mm

Length, w/w.o ROPS 2725/2725 mm

Width, w/w.o ROPS 1450/1400 mm

Height, w/w.o ROPS 2750/1855 mm

Engine

Model..... Deutz D2011 L03 I

Rated power, SAE J1995, at 2600 rpm, kW (hp)..... 34 (45)

CC222CHF

7 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)7180 kg

Module mass front/rear 3850/3330 kg

Max. operating mass7880 kg

Static linear load std/max..... 26,6/29,1 kg/cm

Wheel load, 4 wheels, std/max..... 832/914 kg/wheel

Frequency/Amplitude Hi: 51 Hz/0,7 mm

..... Lo: 71 Hz/0,2 mm

Centrifugal force, Hi/Lo:.....78/44 kN

Speed..... 0-11 km/h

Propulsion.....Wheels and Drum

Curb clearance..... 675 mm

Water tank/Emulsion tank..... 365/365 litre

Dimensions

Drum/wheel module width..... 1450/1390 mm

Drum diameter 1120 mm

Drum shell thickness..... 17 mm

Length4300 mm

Width 1575 mm

Height, w/w.o ROPS2920/2120 mm

Engine

Model.....Deutz TD2011 L04I

Rated power, SAE J1995, at 2800 rpm, kW (hp)..... 60 (82)

CC232CHF

7,5 tonnes

- Split Drum



Capacity

Asphalt up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 7580 kg

Module mass front/rear 4200/3380 kg

Max. operating mass 8240 kg

Static linear load std/max..... 29,0/31,5 kg/cm

Wheel load, 4 wheels, std/max. 845/919 kg/wheel

Frequency/Amplitude Hi: 51 Hz/0,5 mm

..... Lo: 71 Hz/0,2 mm

Centrifugal force, Hi/Lo:..... 78/68 kN

Speed..... 0-11 km/h

P propulsion Wheels and Drum

Curb clearance..... 675 mm

Water tank/Emulsion tank..... 365/365 litre

Dimensions

Drum/wheel module width..... 1450/1390 mm

Drum diameter..... 1120 mm

Drum shell thickness..... 17 mm

Length 4300 mm

Width 1575 mm

Height, w/w.o ROPS 2920/2120 mm

Engine

Model..... Deutz TD2011 L04I

Rated power, SAE J1995, at 2800 rpm, kW (hp)..... 60 (82)

Optional equipment for CC-rollers

Air-condition
Asphalt Temperature Meter
Back-up alarm
Biologically degradable hydraulic oil
Brake release equipment
Cocoa mats
DCA-A, Compaction Analyzer
Dual F/R control
Frequency meter
Head lights with head light protection
Joint cutter/Edge press
Noise reduction
Off set drums
Radio with CD player
Rotating beacon
Safety Cabin incl. comfort package

- Heater
- Front/rear wiper and washer
- Noise absorbing interior
- Tinted glass
- Rear view mirrors
- Working lights, front/rear

Speedometer
Springloaded scrapers
Tachograph
Tachometer
Tool box

Optional equipment can vary between models.
Please contact your local Dynapac dealer.



Static Rollers



CP142

14 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)6000/12000 kg

Max. operating mass 14000 kg

Wheel load, 9 wheels, std/max.....670/1560 kg/wheel

Tyre overlap 12 mm

Speed 0-19 km/h

Propulsion, rear 4 wheels

Water tanks 500 litres

Number of tires 5 front/4 rear

Wheel oscillation ± 3 degrees

Ground contact pressures 450-630 kPa

Dimensions

Compaction width1760 mm

Tyre size, smooth 7.50-15, 14 ply

Length3580 mm

Width1760 mm

Height, w/w.o ROPS 2990/2275 mm

Engine

ModelCummins B4.5 T

Rated power, SAE J1995, at 2200 rpm, kW (hp) 74 (99)

Ballast boxes

Number of ballast boxes Std. 6 / Opt. 8

Weight of each ballast box 1000 kg

CP221

21 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS)8300 kg

Max. operating mass 21000 kg

Wheel load, 7 wheels, std/max 1180/3000 kg/wheel

Tyre overlap42 mm

Speed (0-18*) 0-23 km/h

Propulsion, rear4 Wheels

Water tanks 415 litre

Ballast volume 5,4 m³

Number of tires 3 front/4 rear

Ground contact pressures 250-550 kPa

Dimensions

Compaction width1820 mm

Tyre size, smooth13/80 R20

Length4750 mm

Width1820 mm

Height, w/w.o ROPS 3440/2680 mm

Engine

Model.....Cummins B4.5 T

Rated power, SAE J1995, at 2200 rpm, kW (hp) 74 (99)

(*) EU

CP271

27 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 12400 kg

Max. operating mass 27000 kg

Wheel load, 9 wheels, std/max..... 1370/3000 kg/wheel

Tyre overlap 42 mm

Speed (0-18*) 0-23 km/h

Propulsion, rear 4 Wheels

Water tanks 415 litre

Ballast volume 8 m³

Number of tires 5 front/4 rear

Ground contact pressures 250-550 kPa

Dimensions

Compaction width 2350 mm

Tyre size, smooth 13/80 R20

Length 5150 mm

Width 2350 mm

Height, w/w.o ROPS 3580/2890 mm

Engine

Model..... Cummins B4.5 T

Rated power, SAE J1995, at 2200 rpm, kW (hp) 74 (99)

(*) EU

CS142N

13 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. ROPS) 10800 kg

Module mass, front/rear 5700/5100 kg

Max. operating mass (Ballasted) 13000 kg

Module mass, front/rear (Ballasted) 6800/6200 kg

Static linear load std/max..... Front: 50/59 kg/cm

..... Rear: 48/58 kg/cm

Speed..... 0-15 km/h

Propulsion..... Three Drums

Water tanks..... 530 litre

Dimensions

Compaction width 2100 mm

Drum diameter 1500 mm

Length 4780 mm

Width 2150 mm

Height, w/w.o ROPS 3460/2500 mm

Engine

Model..... Cummins B4.5 T

Rated power, SAE J1995, at 1800 rpm, kW (hp) 73 (98)

CS142

13 tonnes



Capacity

Asphalt up to..... see Compaction capacity table

Soil up to..... see Compaction capacity table

Specifications

Operating mass (incl. cab) 11 000 kg

Module mass, front/rear 5800/5200 kg

Max. operating mass (Ballasted) 13200 kg

Module mass, front/rear (Ballasted) 6900/6300 kg

Static linear load std/max..... Front: 51/60 kg/cm

..... Rear: 49/59 kg/cm

Speed 0-15 km/h

Propulsion Three Drums

Water tanks 530 litre

Dimensions

Compaction width 2100 mm

Drum diameter 1500 mm

Length 4780 mm

Width 2150 mm

Height, with cab 2990 mm

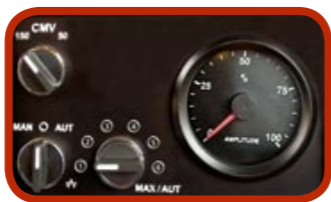
Engine

Model Cummins B4.5 T

Rated power, SAE J1995, at 1800 rpm, kW (hp) 73 (98)



Roller Equipment



Compaction Optimizer (DCO)

is designed to assist the operator by always choosing the correct amplitude according to the stiffness of the ground. This means that the compaction result will depend less on operator experience than with an ordinary vibratory roller. If the DCO is set in automatic mode it handles the compaction completely by itself. For the more experienced roller operator there are several other adjustment options. It is possible to select a completely fixed amplitudes or to operate with different maximum amplitudes.



Compaction Analyzer for Soil DCA-S

A reliable system for measuring compaction and ensuring top quality on your next project: A Dynapac vibratory roller with Compaction Meter and DCA Field Computer. The operator can continuously read off the compaction result on his instrument panel. In contrast to conventional control methods, the Compaction Meter gives continuous measurements, not just spot-checks.

The Dynapac Compaction Analyzer (DCA) registers all Compaction Meter Value (CMV) data while displaying the compaction results on the operator's computer screen.

Dynapac has developed this unique combination which will help you to compact correctly from the beginning. A real profit maker!



Compaction Analyzer for Asphalt DCA-A

It is the perfect tool for operators. It provides real time information about the rolling, allowing the next pass to be planned, taking into account the asphalt temperature of each area.

Tracking the number of passes makes it easy for the operator to maintain control of the pattern and achieve the best results.

The DCA-A allows the contractor to document the compaction work in order to analyse the rolling pattern and number of passes on the compacted surface.

The results are best used to optimise the usage of the compaction equipment and to assure the compaction results. Knowing that the compaction is carried out properly is the key to avoid penalties and, with further improvements, achieve bonuses instead.

Wheeled Pavers



F6W*/F6-4W

8,4 tonnes



Capacity

Flow through	250 t/h
Hopper capacity	4,7 m ³

Specifications

Mass (incl. std. screed).....	8,4 t
Std. paving width.....	1,7 m
Max. paving width.....	4,1 m
Max. laying thickness	270 mm
Auger diameter	360 mm
Paving speed.....	0-32 m/min
Travel speed	0-18 km/h
Propulsion.....	wheeled

Dimensions

Total length.....	4995 mm
Total width.....	3040 mm
Total height.....	3200 mm
Transport width	1700 mm
Transport height.....	2950 mm

Engine

Deutz TD2011 L04.....	53 kW (72 hp)
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Suitable screeds

VB340V, VB340T(V)-E

*) F6W only available with VB340V

F121W/D -4W/D - 6W/D

16,5 tonnes



Capacity

Flow through	600 t/h
Hopper capacity	5,9 m ³

Specifications

Mass (incl. std screed).....	16,5 t
Std. paving width.....	2,55 m
Max. paving width (gas heat.)	F121W/D:...5,80m
.....	F121-4W/D:...6,60m
.....	F121-6W/D:...7,30m
Max. laying thickness	300 mm
Auger diameter	380 mm
Paving speed.....	0-29 m/min
Travel speed	0-19,5 km/h
Propulsion.....	wheeled

Dimensions

Total length.....	6500 mm
Total width	2550 mm
Total height.....	3600 mm
Transport width	2550 mm
Transport height.....	3100 mm

Engine

Deutz TCD 2012 L06.....	120 kW (163 hp)
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Suitable screeds

VB510T(V) E

F141W/D - 4W/D - 6W/D

16,7 tonnes



Capacity

Flow through	750 t/h
Hopper capacity	5,9 m ³

Specifications

Mass (incl. std. screed).....	16,7 t
Std. paving width.....	2,55 m
Max. paving width (gas heat.)	F141W/D:.....6,60m
.....	F141-4W/D:.....7,30m
.....	F141-6W/D:.....8,10m
Max. laying thickness	300 mm
Auger diameter	380 mm
Paving speed.....	0-29 m/min
Travel speed	0-19,5 km/h
Propulsion	wheeled

Dimensions

Total length.....	6500 mm
Total width	2550 mm
Total height.....	3600 mm
Transport width	2550 mm
Transport height.....	3100 mm

Engine

Deutz TCD 2013 L06	140 kW (188 hp)
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Suitable screeds

VB510T(V) E

F161W - 6W - 8W

18 tonnes



Capacity

Flow through	650 t/h
Hopper capacity	5,7 m ³

Specifications

Mass (incl. std. screed).....	18 t
Std. paving width.....	2,5 m
Max. paving width (gas heat.):.....	F161W: 7,30m *
.....	F161-6W:...8,10m*
.....	F161-8W:...8,80m*
Max. laying thickness	300 mm
Auger diameter	380 mm
Paving speed.....	0-26,7 m/min
Travel speed	0-16,5 km/h
Propulsion.....	wheeled

Dimensions

Total length.....	6810 mm
Total width.....	3400 mm
Total height.....	3600 mm
Transport width	2500 mm
Transport height.....	3100 mm

Engine

Cummins QSB6.7-C190.....	142 kW (193 hp)
Cummins QSB 6.7-C205	153 kW (optional)

Suitable screeds

VB510T(V)E, VB600TV (E)

* Max working width with screed VB510TV



Tracked Pavers



F4C

4,9 tonnes



Capacity

Flow through	200 t/h
Hopper capacity	2,3 m ³

Specifications

Mass (incl. std. screed).....	4,9 t
Std. paving width.....	1,2 m
Max. paving width.....	3,1 m
Max. laying thickness	200 mm
Auger diameter	360 mm
Paving speed.....	0-20 m/min
Transport speed.....	0-5 km/h
Propulsion.....	tracked

Dimensions

Total length.....	4260 mm
Total width.....	2770 mm
Total height.....	1860 mm
Transport width	1200 mm
Transport height.....	1860 mm

Engine

Deutz D2011L3i.....	33,2 kW (45 hp)
---------------------	-----------------

Suitable screeds

VB125V

F5C

5 tonnes



Capacity

Flow through	200 t/h
Hopper capacity	2,3 m ³

Specifications

Mass (incl. std screed).....	5,0 t
Std. paving width.....	1,2 m
Max. paving width.....	3,1 m
Max. laying thickness	200 mm
Auger diameter	360 mm
Paving speed.....	0-20 m/min
Transport speed	0-5 km/h
Propulsion	tracked

Dimensions

Total length.....	4260 mm
Total width	2770 mm
Total height.....	1860 mm
Transport width	1200 mm
Transport height.....	1860 mm

Engine

Deutz D2011L3i.....	33,2 kW (45 hp)
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Suitable screeds

VB125TV

F5CS

5,4 tonnes



Capacity

Flow through	300 t/h
Hopper capacity	2,3 m ³

Specifications

Mass (incl. std. screed).....	5,4 t
Std. paving width.....	1,2 m
Max. paving width.....	3,1 m
Max. laying thickness	200 mm
Auger diameter	360 mm
Paving speed.....	0-16 m/min
Transport speed	0-3 km/h
Propulsion	tracked

Dimensions

Total length.....	4260 mm
Total width	2850 mm
Total height.....	1860 mm
Transport width	1200 mm
Transport height.....	1860 mm

Engine

Deutz TD 2011 L03.....	42kW (57hp)
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Suitable screeds

VB125V, VB125TV (E)

F6C

9,6 tonnes



Capacity

Flow through	300 t/h
Hopper capacity	4,7 m ³

Specifications

Mass (incl. std. screed).....	9,6 t
Std. paving width.....	1,70 m
Max. paving width.....	4,40 m
Max. laying thickness	0-270 mm
Auger diameter	360 mm
Paving speed.....	0-32 m/min
Transport speed	0-3,8 km/h
Propulsion	tracked

Dimensions

Total length.....	4945 mm
Total width	2940 mm
Total height.....	3150 mm
Transport width	1700 mm
Transport height	2950 mm

Engine

Deutz TD2011 L04.....	52 kW (71 hp)
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Suitable screeds

VB340TV (E)

F121C

18,2 tonnes



Capacity

Flow through	600 t/h
Hopper capacity	6,0 m ³

Specifications

Mass (incl. std screed).....	18,2 t
Std. paving width.....	2,55 m
Max. paving width.....	8,10 m
Max. laying thickness	300 mm
Auger diameter	380 mm
Paving speed.....	0-23 m/min
Transport speed	0-4,5 km/h
Propulsion	tracked

Dimensions

Total length.....	6505 mm
Total width	3388 mm
Total height.....	3600 mm
Transport width	2550 mm
Transport height	3110 mm

Engine

Deutz TCD 2012 L06.....	120 kW (163 hp)
-------------------------	-----------------

Suitable screeds

VB510TV (E), VB600TV (E)

F141C

18,5 tonnes



Capacity

Flow through	750 t/h
Hopper capacity	6,0 m ³

Specifications

Mass (incl. std. screed).....	18,5 t
Std. paving width.....	2,55 m
Max. paving width.....	9,0 m
Max. laying thickness	300 mm
Auger diameter	380 mm
Paving speed.....	0-23 m/min
Transport speed	0-4,5 km/h
Propulsion	tracked

Dimensions

Total length.....	6505 mm
Total width	3388 mm
Total height.....	3600 mm
Transport width	2550 mm
Transport height.....	3110 mm

Engine

Deutz TCD 2013 L06	140 kW (190 hp)
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Suitable screeds

VB510TV (E), VB600TV (E), SB1250TV

F141CR

18,1 tonnes



Capacity

Flow through	750 t/h
Hopper capacity	6,0 m ³

Specifications

Mass (incl. std screed).....	18,1 t
Std. paving width.....	2,55 m
Max. paving width.....	9,0 m
Max. laying thickness	300 mm
Auger diameter	380 mm
Paving speed.....	0-20 m/min
Transport speed.....	0-16 km/h
Propulsion.....	rubber track

Dimensions

Total length.....	6505 mm
Total width.....	3388 mm
Total height.....	3603 mm
Transport width	2550 mm
Transport height.....	3110 mm

Engine

Deutz TCD 2013 L06.....	140 kW (193 hp)
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Suitable screeds

VB510TV (E), VB600TV (E), SB1250TV

F181C

19,2 tonnes



Capacity

Flow through	800 t/h
Hopper capacity	6,0 m ³

Specifications

Mass (incl. std. screed).....	19,2 t
Std. paving width.....	2,55 m
Max. paving width.....	9,70 m
Max. laying thickness	300 mm
Auger diameter	380 mm
Paving speed.....	0-20 m/min
Transport speed	0-3,8 km/h
Propulsion	tracked

Dimensions

Total length.....	6800 mm
Total width	3420 mm
Total height.....	3610 mm
Transport width	2550 mm
Transport height.....	2730 mm

Engine

Cummins QSB 6.7-C205	153 kW (208 hp) / 1800 rpm
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Suitable screeds

VB510TV (E), VB600TV (E), SB1250TV

F182CS

20,3 tonnes



Capacity

Flow through	900 t/h
Hopper capacity	7,8 m ³

Specifications

Mass (incl. std screed).....	20,5 t
Std. paving width.....	2,55 m
Max. paving width.....	13,5 m
Max. laying thickness	300 mm
Auger diameter	430 mm
Paving speed.....	0-23 m/min
Transport speed.....	0-5 km/h
Propulsion.....	tracked

Dimensions

Total length.....	7020 mm
Total width.....	3420 mm
Total height.....	3830 mm
Transport width	2550 mm
Transport height.....	2780 mm

Engine

Cummins QSB 6.7-C220 172 kW (234 hp) / 1800 rpm

Suitable screeds

VB510TV (E), VB600TV (E), SB1250TV

F300CS

31,2 tonnes



Capacity

Flow through	1500 t/h
Hopper capacity	8,0 m ³

Specifications

Mass (incl. std screed).....	31,2 t
Std. paving width.....	3,0 m
Max. paving width.....	16,0 m
Max. laying thickness	350 mm
Auger diameter	500 mm
Paving speed.....	0-20 m/min
Transport speed	0-3,6 km/h
Propulsion	tracked

Dimensions

Total length.....	7500 mm
Total width	3000 mm
Total height with canopy down	3681 mm
Total width with open hopper	3718 mm
Transport width	3000 mm

Engine

Deutz BF6M1015C	259 kW (352 hp) / 1800 rpm
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Suitable screeds

VB600TV (E), SB1250TV (E), SB1250TV (E) Plus*

(* High compaction screed on request)



Tamper-Vario Screeds



VB125V



Specifications

Mass (basic width).....	966 kg
Basic width.....	1,2 m
Hydr. extendable.....	2,4 m
Min. working width.....	0,6 m
Max. working with.....	3,1 m
Compaction system.....	vibration
Heating system	propane gas
Crown profile	-2% to +4%

Options

- Cut off shoe
- Extension parts..... 350 mm

further options on request

VB125TV (E)



Specifications

Mass (basic width).....	966 kg
Basic width.....	1,2 m
Hydr. extendable.....	2,4 m
Min. working width.....	0,6 m (0,3 m on request)
Max. working with.....	3,1 m
Compaction system	vertical stroke, tamper/vibration
Heating system	propane gas, electrical heating
Extension parts.....	350 mm
Crown profile	-2% to +4%

Options

- Electrical screed heating available for F5CS
- Cut off shoe

further options on request

VB340V



Specifications

Mass (basic width).....	1350 kg
Basic width.....	1,7 m
Hydr. extendable.....	3,4 m
Min. working width.....	1,1 m
Max. working with.....	4,1 m
Compaction system.....	vibration
Heating system	propane (LPG)
Extension parts.....	350/500 mm
Crown profile	-2% to +4%

Options

- Cut off shoe
- Bevel edge
- display for tamper and vibration frequency
- heatable side shield

further options on request

VB340TV (E)



Specifications

Mass (basic width).....	1350 kg
Basic width.....	1,7 m
Hydr. extendable.....	3,4 m
Min. working width.....	1,1 m
Max. working with.....	4,4 m
Compaction system.....	vibration
Heating system	propane (LPG)/electrical
Crown profile	-2% to +4%

Options

- Cut off shoe
- Bevel edge
- display for tamper and vibration frequency
- heatable side shield
- Extension parts..... 500 mm

further options on request

VB510T(V) E



Specifications

Mass (basic width).....	3400 kg
Basic width.....	2,55 m
Hydr. extendable.....	5,10 m
Min. working width.....	2 m
Max. working with.....	8,80 m
Compaction system.....	vertical stroke tamper/vibration
Heating system	propane gas, electrical heating
Extension parts.....	750/350 mm
Crown profile	-2% to +4%

Options

- Additional vibration
- Electrohydraulic adjustment of crown profile
- Electrical screed heating
- Different kinds of automatic levelling devices
- On machines with PLC: Screed remote control with Canbus functions
- Foldable side shield
- Heatable side shield
- Cut off shoe

further options on request

VB600T(V) E



Specifications

Mass (basic width).....	3850 kg
Basic width.....	3 m
Hydr. extendable.....	6 m
Min. working width.....	2,5 m
Max. working with.....	9,70 m
Compaction system.....	vertical stroke, tamper/vibration
Heating system	propane gas, electrical heating
Extension parts.....	750/350 mm
Crown profile	-2% to +4%

Options

- Additional vibration
- Electrohydraulic adjustment of roof profile
- Electrical screed heating
- Different kinds of automatic levelling devices
- On machines with PLC: Screed remote control with Canbus functions
- Foldable side shield
- Heatable side shield

further options on request

VB805TV Plus-(E)



Specifications

Mass (basic width)	3900 kg
Basic width	2,5 m
Hydr. extendable	5 m
Min. working width	2 m
Max. working with	8 m
Compaction system	vertical stroke tamper plus secondary vibration unit
Heating system	Electrical
Extension parts	750 mm
Crown profile	-2% to +4%

Options

- Additional vibration
- Electrohydraulic adjustment of roof profile
- Different kinds of automatic levelling devices
- On machines with PLC: Screed remote control with Canbus functions
- Foldable side shield
- Heatable side shield

further options on request

VB1105TV Plus-(E)



Specifications

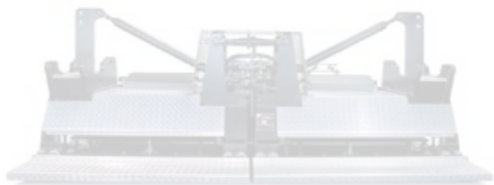
Mass (basic width)	4250 kg
Basic width	3 m
Hydr. extendable	6 m
Min. working width	2,5 m
Max. working with	9 m
Compaction system	vertical stroke tamper plus secondary vibration unit
Heating system	Electrical
Extension parts	750 mm
Crown profile	-2% to +4%

Options

- Additional vibration
- Electrohydraulic adjustment of roof profile
- Different kinds of automatic levelling devices
- On machines with PLC: Screed remote control with Canbus functions
- Foldable side shield
- Heatable side shield

further options on request

Fixed Screed



SB1250TV (Plus)-(E)



Specifications

Mass (basic width).....	2400 kg
Basic width.....	3 m
Min. working width.....	2,1 m
Max. working with.....	16,0 m*
Compaction system.....	vertical stroke , tamper, dual (directed)
Heating system	electrical *, propane (LPG)
Extension parts.....	1375 + 1000*/1000/750/500/250 mm
Crown profile	0% to +3%

Options

- PLC-system
- Central greasing
- Display for tamper & vibration frequency
- Second vibration unit (Plus)**

further options on request

*) on request

***) only for Compactasphalt™

Planers



PL350T



Specifications

Operating mass (CE)	2,8 t
Transport mass	2,45 t
Ballast mass	1,1 t
Max. operating mass (CE) incl. ballast mass	4,25 t
Cutting width.....	350 mm
Cutting depth	100 mm
Spacing	12mm
Cutting diameter	520 mm
Number of bits	36 pcs.
Working speed	0-25 m/min
Transport speed	0-5,8 km/h
Water tank.....	285 l
Diesel tank	117 l
Hydraulic tank.....	105 l

Dimensions

Total length.....	2973 mm
Total width	1332 mm
Total height.....	1925 mm

Engine

Cummins B3.3..... 45 kW/60 hp/61 PS at 2200 rpm

Options

Fine cutting drums, All-wheel drive, Drivers seat,
Hydraulic connection for a hydraulic hammer,
Stand extension, 50 cm cutting width kit,
Special painting, Rear conveyor

PL500/16T



Specifications

Operating mass (CE).....	7,3 ton
Transport mass.....	6,8 ton
Cutting width.....	500 mm
Cutting depth.....	160 mm
Spacing.....	15 mm
Cutting diameter.....	700 mm
Number of tools.....	48 pcs.
Working speed.....	0-24 m/min
Transport speed.....	0-5,3 km/h
Water tank.....	500 l
Diesel tank.....	250 l
Hydraulic tank.....	140 l

Dimensions

Total length.....	3775 mm
Total width.....	1620 mm
Total height.....	2300 mm

Engine

Cummins QSB4.5-C110.....	82 kW/110 hp/112 PS
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Options

- Levelling system with grade and slope sensor
- Weather proof canopy
- Fine milling drums

PL500/20T



Specifications

Operating mass (CE)	8,1 ton
Transport mass	7,6 ton
Cutting width	500 mm
Cutting depth	200 mm
Spacing	15 mm
Cutting diameter	700 mm
Number of tools	48 pcs.
Working speed	0-24 m/min
Transport speed	0-5,3 km/h
Water tank	500 l
Diesel tank	250 l
Hydraulic tank	140 l

Dimensions

Total length	3730 mm
Total width	1650 mm
Total height	2350 mm

Engine

Cummins QSB 4.5	97 kW/130 hp/132 PS
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Options

- Levelling system with grade and slope sensor
- Weather proof canopy
- Fine milling drums

PL600/30S



Specifications

Operating mass (CE).....	13 t
Transport mass.....	12,2 t
Cutting width.....	600 mm
Cutting depth.....	300 mm
Spacing.....	15 mm
Cutting diameter.....	930 mm
Number of bits.....	68 pcs.
Working speed.....	0-30 m/min
Transport speed.....	0-6 km/h
Water tank.....	1100 l
Diesel tank.....	340 l
Hydraulic tank.....	130 l

Dimensions

Total length.....	8950 mm
Total width.....	1950 mm
Total height.....	2800 mm

Engine

Cummins QSB 5.9-30-TAA.....	129 kW/173 hp/175 PS
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Options

- Levelling system with grade and slope sensors
- Weather proof canopy
- Fine milling drums

PL1000RS



Specifications

Operating mass (CE)	13,2 t
Transport mass	12,4 t
Cutting width	1000 mm
Cutting depth	250 mm
Spacing	15 mm
Cutting diameter	850 mm
Number of bits	98 pcs.
Working speed	0-30 m/min
Transport speed	0-6 km/h
Water tank	1100 l
Diesel tank	340 l
Hydraulic tank	130 l

Dimensions

Total length	8850 mm
Total width	2250 mm
Total height	2600 mm

Engine

Cummins QSB 5.9-30-TAA	129 kW/173 hp/175 PS
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Options

- Levelling system system with grade and slope sensor
- Weather proof canopy
- Fine milling drums

PL2000LS



Specifications

Operating mass (CE).....	30,7 t
Max operating mass (CE).....	33,4 t
Transport mass.....	28,2 t
Cutting width.....	2010 mm
Cutting depth.....	320 mm
Spacing.....	15 mm
Cutting diameter.....	1100 mm
Number of bits.....	162 pcs.
Working speed.....	0-40 m/min
Transport speed.....	0-5 km/h
Water tank.....	3700 l
Diesel tank.....	1100 l
Hydraulic tank.....	270 l
PLC (Programmable Logic Control)
.....with CAN-Bus (Control Area Network)

Dimensions

Total length.....	15100 mm
Total width.....	2550 mm
Total height (folded canopy).....	3100 mm

Engine

Cummins QSX 15.....	447 kW/600 hp/607 PS
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Conventional electric system

Option on all the high capacity planers

Options

further options on request (also on all high capacity planers)

PL2000S



Specifications

Operating mass (CE)	33,5 t
Max operating mass (CE)	36,2 t
Transport mass	31 t
Cutting width.....	2010 mm
Cutting depth	320 mm
Spacing	15 mm
Cutting diameter	1100 mm
Number of bits	162 pcs.
Working speed	0-40 m/min
Transport speed	0-5 km/h
Water tank.....	3700 l
Diesel tank	1100 l
Hydraulic tank.....	300 l
PLC (Programmable Logic Control)	
.....with CAN-Bus (Control Area Network)	

Dimensions

Total length.....	15100 mm
Total width	2550 mm
Total height (folded canopy).....	3100 mm

Engine

Cummins QSX 15	447 kW/600 hp/607 PS
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Conventional electric system

Option on all the high capacity planers

Options

further options on request (also on all high capacity planers)

PL2100S



Specifications

Operating mass (CE).....	33,9 t
Max operating mass (CE).....	36,6 t
Transport mass.....	31,4 t
Cutting width.....	2100 mm
Cutting depth.....	320 mm
Spacing.....	15 mm
Cutting diameter.....	1100 mm
Number of bits.....	176 pcs.
Working speed.....	0-40 m/min
Transport speed.....	0-5 km/h
Water tank.....	3700 l
Diesel tank.....	1100 l
Hydraulic tank.....	300 l
PLC (Programmable Logic Control)
.....	with CAN-Bus (Control Area Network)

Dimensions

Total length.....	15100 mm
Total width.....	2650 mm
Total height (folded canopy).....	3100 mm

Engine

Cummins QSX 15.....	447 kW/600 hp/607 PS
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Conventional electric system

Option on all the high capacity planers

Options

further options on request (also on all high capacity planers)



Mobile Feeder



MF250



Capacity

Hopper capacity	6,00 m ³
Feed capacity	1440 m ³ /h

Specifications

Operating mass.....	14,7 ton
Transport length.....	8950 mm
Transport width	2550 mm
Transport height.....	3030 mm
Working speed	0-20 m/min
Travel speed	0-17 km/h
Conveyor system	Rubber belt on two conveyor bushing chains with crossbars
Conveyor speed	cont. variable up to 84 m/min
Dumping height	2090 - 3860 mm

Engine

Manufacturer	Cummins
Type.....	QSB6.7-C173
Rated output.....	129 kW (175 hp)
Electrical system	2 x 12 V, 88 Ah

Options

on request

MF300C



Capacity

Hopper capacity	8,5 m ³
Feed capacity	3500 m ³ /h

Specifications

Operating mass	29,5 ton
Transport length	13630 mm
Transport width	3320 mm
Transport height	3650 mm
Working speed	0-23 m/min
Transport speed	0-3,9 km/h
Conveyor system	Rubber belt on two conveyor bushing chains with crossbars
Conveyor speed	cont. variable up to 84 m/min or cont. variable up to 132 m/min
Dumping height	2060 - 4800 mm

Engine

Manufacturer	Deutz
Type	TCD 2013L062V
Rated output	170 kW (227 hp)
Electrical system	2 x 12 V, 88 Ah

Options

on request



A strong believer in well maintained roads

A good road is a pleasure to drive on, regardless of your vehicle. But over time, all roads need maintenance and eventually refurbishment. Refurbishing a paved surface means bringing it down to basics. Only effective, controlled milling can clear the way for the optimal base, binder and wearing courses.

At Dynapac we put many years of experience and all our knowledge into the development of high performance planers that are reliable, easy to operate and flexible to your needs. Available in a full range of cutting depths, widths and capacities, Dynapac's sturdy and maneuverable planers offer clear-cut advantages.

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Estimating Tables

Selection Guide for Soil Compaction

Selection of compaction equipment depends on the compaction behavior and requirement. Even the actual layer thickness and the condition beneath are of great importance.

Compactionwise it is not always the heaviest equipment that is the most suitable on granular soils except for rockfill. On fine-grained material it is mostly preferable to use as heavy equipment as possible.

It is also necessary to consider the total volume to compact, time available, capacity and job site condition.

Following should be considered:

1. Is the compaction requirement fulfilled?
2. Is there enough space to operate the machine?
3. Is the required capacity fulfilled?
4. Already available equipment.
5. Personal who can operate the equipment effectively.
6. Compare the alternative economically.
7. Equipment needed in the future.

It is recommended to do a practical test with the selected equipment before the final decision.

Calculation of capacity:

Surface capacity:

$$w \cdot v \cdot k$$

$$S = \frac{\quad}{n} \cdot e$$

Volume capacity:

$$w \cdot v \cdot k \cdot t$$

$$V = \frac{\quad}{n} \cdot e$$

S = surface capacity (m²/h)

V = volume capacity (m³/h)

w = compaction width (m)

v = speed (km/h) or (m/min)

k = constant (v=km/h => k=1000, v=m/min => k=60)

t = layer thickness (m)

n = number of passes

e = Efficiency factor, normal 0,7-0,8

Soil

Compaction Capacity up to

Machine	Rockfill		Sand/Gravel		Silt	
	m	m ³ /h	m	m ³ /h	m	m ³ /h
CA134D	-	-	0,40	410	0,25	255
CA144D	-	-	0,40	505	0,20	250
CA150/D	-	-	0,50	630	0,35	440
CA152/D	-	-	0,50	630	0,40	505
CA182D	-	-	0,55	690	0,50	630
CA250/D	-	-	0,55	880	0,45	720
CA252/D	-	-	0,50	800	0,40	640
CA260D	-	-	0,55	880	0,50	800
CA262D	-	-	0,50	800	0,45	720
CA280/D	-	-	0,55	880	0,50	800
CA300/D	1,20	1915	0,60	960	0,55	880
CA 02D	1,20	1915	0,60	960	0,60	960
CA362D	1,20	1915	0,60	960	0,60	960
CA402D	1,50	2400	0,65	1040	0,65	1040
CA500D	1,50	2400	0,65	1040	0,70	1120
CA512D	1,50	2400	0,70	1120	0,70	1120
CA600D	2,00	3195	0,75	1200	0,75	1200
CA602D	2,00	3195	0,80	1280	0,80	1280
CA612D	2,00	3195	0,90	1440	0,80	1280
CA702D	2,50	3995	1,00	1600	1,00	1600
CA134PD	-	-	-	-	0,25	255
CA144PD	-	-	-	-	0,25	315
CA150P/PD	-	-	-	-	0,40	505
CA152PD	-	-	-	-	0,40	505
CA182PD	-	-	-	-	0,50	630
CA250P/PD	-	-	-	-	0,55	880
CA260PD	-	-	-	-	0,55	880
CA262PD	-	-	-	-	0,50	800
CA302PD	-	-	-	-	0,55	880
CA362PD	-	-	-	-	0,60	960
CA500PD	-	-	-	-	0,70	1120
CA512PD	-	-	-	-	0,70	1120
CA600PD	-	-	-	-	0,80	1280
CA602PD	-	-	-	-	0,80	1280
CA612PD	-	-	-	-	0,80	1280
CA702PD	-	-	-	-	1,00	1600

Speed (km/h): 6 Efficiency factor: 1 Number of passes: 8

Soil

Compaction Capacity up to

Clay		Subbase		Base	
m	m ³ /h	m	m ³ /h	m	m ³ /h
0,15	155	0,30	310	0,30	310
0,15	190	0,30	375	0,30	375
0,25	315	0,40	505	0,35	440
0,25	315	0,40	505	0,35	440
0,30	375	0,45	565	0,40	505
0,30	480	0,45	720	0,40	640
0,25	400	0,40	640	0,35	560
0,30	480	0,45	720	0,40	640
0,30	480	0,40	640	0,40	640
0,30	480	0,45	720	0,40	640
0,35	560	0,50	800	0,45	720
0,35	560	0,50	800	0,45	720
0,35	560	0,50	800	0,45	720
0,40	640	0,50	800	0,45	720
0,45	720	0,55	880	0,50	800
0,45	720	0,55	880	0,50	800
0,50	800	0,55	880	0,50	800
0,50	800	0,55	880	0,55	880
0,50	800	0,60	960	0,55	880
0,65	60	0,65	1040	0,60	960
0,20	205	-	-	-	-
0,20	250	-	-	-	-
0,25	315	-	-	-	-
0,25	315	-	-	-	-
0,30	375	-	-	-	-
0,35	560	-	-	-	-
0,35	560	-	-	-	-
0,35	560	-	-	-	-
0,35	560	-	-	-	-
0,35	560	-	-	-	-
0,45	720	-	-	-	-
0,45	720	-	-	-	-
0,50	800	-	-	-	-
0,50	800	-	-	-	-
0,50	800	-	-	-	-
0,65	1040	-	-	-	-

Speed (km/h): 6 Efficiency factor: 1 Number of passes: 8

Soil

Compaction Capacity up to

Machine	Rockfill		Sand/Gravel		Silt	
	m	m ³ /h	m	m ³ /h	m	m ² /h
CC800	-	-	0,20	120	-	-
CC900	-	-	0,20	135	-	-
CC900 G	-	-	0,20	135	-	-
CC900 S	-	-	0,20	135	-	-
CC1000	-	-	0,20	150	-	-
CC102	-	-	0,20	160	-	-
CC122	-	-	0,20	180	-	-
CC142	-	-	0,25	245	-	-
CG223 HF	-	-	0,45	490	-	-
CC222 HF	-	-	0,45	490	-	-
CG233 HF	-	-	-	-	-	-
CC232 HF	-	-	-	-	-	-
CC322	-	-	0,40	505	-	-
CG333 HF	-	-	-	-	-	-
CC424HF	-	-	0,50	650	-	-
CC524HF	-	-	0,50	730	-	-
CC624HF	-	-	0,50	800	-	-
CC722	-	-	0,60	960	-	-
CC102C	-	-	0,20	160	-	-
CC122C	-	-	0,20	180	-	-
CC142C	-	-	0,25	245	-	-
CC 222C HF	-	-	0,40	435	-	-
CC 232C HF	-	-	-	-	-	-
CA150A	-	-	0,40	505	-	-
CA150AD	-	-	0,45	470	-	-
CS142/N	-	-	0,25	395	-	-
CP142	-	-	0,30	395	0,20	265
CP221	-	-	0,40	545	0,25	340
CP271	-	-	0,40	705	0,25	440

Speed (km/h): 6

Efficiency factor: 1

Number of passes: 8

Soil

Compaction Capacity up to

Clay		Subbase		Base	
m	m ³ /h	m	m ³ /h	m	m ³ /h
-	-	0,20	120	0,20	120
-	-	0,20	135	0,20	135
-	-	0,20	135	0,20	135
-	-	0,20	135	0,20	135
-	-	0,20	150	0,20	150
-	-	0,25	200	0,20	160
-	-	0,25	225	0,20	180
-	-	0,25	245	0,25	245
-	-	0,35	380	0,35	380
-	-	0,40	435	0,35	380
-	-	-	-	-	-
-	-	-	-	-	-
-	-	0,35	440	0,35	440
-	-	-	-	-	-
-	-	0,40	520	0,40	520
-	-	0,40	585	0,40	585
-	-	0,40	640	0,40	640
-	-	0,50	800	0,45	720
-	-	0,20	160	0,20	160
-	-	0,20	180	0,20	180
-	-	0,25	245	0,20	195
-	-	0,35	380	0,30	325
-	-	-	-	-	-
-	-	0,30	375	0,30	375
-	-	0,30	315	0,30	315
-	-	0,30	475	0,30	475
0,15	200	0,20	265	0,20	265
0,25	340	0,25	340	0,25	340
0,25	440	0,25	440	0,25	440

Speed (km/h): 6

Efficiency factor: 1

Number of passes: 8

Selection Guide for Asphalt Paving and Compaction

Selection of paving and compaction equipment depends on the behavior on the asphalt, the requirement and job site condition.

It is also necessary to consider the total tonnage, time available and capacity needed.

Following should be considered, paving:

1. What is the range of paving width?
2. What is the job site condition, surface underneath, location, etc.?
3. Is requirement fulfilled, surface evenness, texture, etc.?
4. Is the required capacity fulfilled?
5. Already available equipment.
6. Personal who can operate the equipment effectively.
7. Compare the alternative economically.
8. Equipment needed in the future.

Following should be considered, compaction:

1. Is the compaction requirement fulfilled?
2. Is there enough space to operate the machine?
3. Is the required capacity fulfilled?
4. Already available equipment.
5. Personal who can operate the equipment effectively.
6. Compare the alternative economically.
7. Equipment needed in the future.

It is recommended to do a practical test, compaction equipment, with the selected equipment before the final decision.

Calculation of paving speed and compaction capacity:

Paving speed:

$$v_p = \frac{T_p \cdot k_{p1} / k_{p2}}{w_p \cdot t \cdot r}$$

Surface capacity:

$$S_c = \frac{w_c \cdot v_c \cdot k_c}{n} \cdot e$$

Tonnage capacity:

$$T_c = \frac{w_c \cdot v_c \cdot k_c \cdot t \cdot r}{n} \cdot e$$

S = surface capacity (m^2/h)

T_p = tonnage capacity, paver (m^3/h)

T_c = tonnage capacity, compaction (m^3/h)

w_p = paving width (m)

w_c = compaction width (m)

v_p = paving speed (m/min)

v_c = compaction speed (km/h - roller, m/min - plate)

k_c = constant, ($v=km/h \Rightarrow k=1000, v=m/min \Rightarrow k=60$)

k_{p1} = constant, 1000

k_{p2} = constant, 60

t = layer thickness (m)

r = density ($tonne/m^3$)

n = number of passes

e = Efficiency factor, normal 0,6-0,7

Asphalt

Compaction Capacity up to

Machine	2 Passes		4 Passes	
	m ² /h	t/h	m ² /h	t/h
CC800	-	-	-	-
CC900	-	-	-	-
CC900 G	-	-	-	-
CC900 S	-	-	-	-
CC1000	-	-	-	-
CC102	-	-	1605	150
CC122	-	-	1800	170
CC142	-	-	1950	185
CG223 HF	-	-	2175	205
CC222 HF	-	-	2175	205
CG233 HF	-	-	2175	205
CC232 HF	-	-	2175	205
CC322	-	-	2520	235
CG333 HF	-	-	2520	235
CC424HF	-	-	2595	245
CC524HF	-	-	2925	275
CC624HF	-	-	3195	300
CC722	-	-	3195	300
CC102C	-	-	-	-
CC122C	-	-	-	-
CC142C	-	-	-	-
CC222C HF	-	-	-	-
CC232C HF	-	-	-	-
CA150A	-	-	-	-
CA150AD	-	-	-	-
CS142/N	-	-	-	-
CP142	5280	495	2640	250
CP221	5460	515	2730	255
CP271	7050	665	3525	330

Speed (km/h) 6
Efficiency factor 1

Layer thickness (mm) 40
Density (kg/m³) 2350

Asphalt

Compaction Capacity up to

6 Passes		8 Passes		10 Passes	
m ² /h	t/h	m ² /h	t/h	m ² /h	t/h
-	-	600	55	-	-
-	-	675	65	-	-
-	-	675	65	-	-
-	-	675	65	-	-
-	-	750	70	-	-
1070	100	805	75	-	-
1200	115	900	85	-	-
1300	120	975	90	-	-
1450	135	1090	100	-	-
1450	135	1090	100	-	-
1450	135	1090	100	-	-
1450	135	1090	100	-	-
1680	160	1260	120	-	-
1680	160	1260	120	-	-
1730	165	1300	120	-	-
1950	185	1465	135	-	-
2130	200	1600	150	-	-
2130	200	1600	150	-	-
1070	100	805	75	645	60
1200	115	900	85	720	70
1300	120	975	90	780	75
1450	135	1090	100	870	80
1450	135	1090	100	870	80
1680	160	1260	120	1010	95
1400	130	1050	100	840	80
2100	195	1575	150	1260	120
1760	165	-	-	-	-
1820	170	-	-	-	-
2350	220	-	-	-	-

Speed (km/h) 6 Layer thickness (mm) 40
Efficiency factor 1 Density (kg/m³) 2350

Normally required number of passes for a combi-roller is twice as that of a double-drum roller for same compaction.

The capacity needed is not the average tonnage laid, it is the tonnage laid momentary, 2 to 20 minutes. The momentary time depends on the cooling effect due to ground temperature, air temperature, wind speed and layer thickness. Therefore it is of utmost importance to lay at an even paving speed.

Example:

You wish to pave and compact asphalt with a tonnage of 85 t/h and a thickness of 40 mm, density 2,35 t/m³, and 3,5 m width.

$$\text{Paving speed: } v_p = \frac{85 \cdot 1000/60}{3,5 \cdot 40 \cdot 2,35} = 4,3 \text{ m/min}$$

With this condition CC222 HF/232HF mostly need 6 compaction passes, vibratory, 2 machines will be necessary. With CC424, CC524 or CC722 4 passes are sufficient and then 1 machine is enough. At higher momentary speed more rollers can be necessary.

Paving speed

Tonnage (t/h) 100

Density (kg/m³) 2,35

Paving speed (m/min)

Layer thickness (mm)	Paving width (m)			
	2,5	3,5	4,5	6
25	11,3	8,1	6,3	4,7
30	9,5	6,8	5,3	3,9
35	8,1	5,8	4,5	3,4
40	7,1	5,1	3,9	3,0
45	6,3	4,5	3,5	2,6
60	4,7	3,4	2,6	2,0
80	3,5	2,5	2,0	1,5

Metric/U.S. Conversion Table

To Convert From	Into	Multiply By
acres	sq meters	4,047
bar	pounds/sq in	14.504
Celsius (°C)	Fahrenheit	(°C x 9/5) + 32
centimeters	inches	0.3937
cubic centimeters	cu inches	0.06102
cubic feet	cu meters	0.02832
cubic feet	liters	28.32
cubic ft/min	cu meter/min	0.02831
cubic inches	cu centimeters	16.3872
cubic meters	cu feet	35.31
cubic meters	cu yards	1.308
cubic yards	cu meters	0.7646
cubic yards	liters	764.6
feet	meters	0.3048
feet	millimeters	304.8
feet/min	meters/min	0.3048
Fahrenheit (°F)	Celsius	(°F-32) x 5/9
gallons (U.S.)	liters	3.785
gallons/min	liters/sec	0.063
Hertz	vibrations/min	60
horsepower, metric	horsepower	0.9863
horsepower	horsepower, metric	1.014
inches	centimeters	2.54
inches	millimeters	25.4
kilograms	pounds	2.205
kilograms	tons (long)	0.0011023
kilograms	tons (short)	0.0009842
kilograms (force)	Newtons	9.807
kilograms/cm	pounds/in	5.60
kilograms/cu.m	lb/cu ft	0.0624
kilograms/cu.m	lb/cu yd	1.6856
kilograms/sq cm	lb/sq in	14.22
kilograms/sq m	lb/sq ft	0.02048

To Convert From	Into	Multiply By
kilometers	miles	0.6214
kilometers/hr	miles/hr	0.6214
kilometers	feet	3,209
kilopascals (kPa)	pounds/sq in	0.145
kpm	lb ft	7.233
liters	cu ft	0.035
liters	gal (U.S. liq)	0.264
liters	qts (U.S. liq)	1.057
Megapascals (MPa)	pounds/sq in	145.04
meters	feet	3.281
meters	inches	39.37
meters	miles (statute)	0.0006214
meters	yards	1.094
meters/min	feet/min	3.281
miles (statute)	kilometers	1.609
miles (statute)	meters	1,609
miles/hr	kms/hr	1.609
millimeters	inches	0.03937
millimeters	feet	0.0033
Newtons	pounds (force)	0.225
Newtons	kilograms (force)	0.102
Newton meters (Nm)	pounds-inches	8.8507
Newton meters (Nm)	pound-feet	0.7376
pints (liq)	liters	0.473
pounds	kilograms	0.4536
pound-feet	KPM	0.1383
pound-feet	Newton meters (Nm)	1.3556
pounds (force)	Newtons	4.448
pound-inches	Newton meters (Nm)	0.1130
pounds/in	kilograms/cm	0.1786
pounds/cu yd	kg/cu meter	0.55955
pounds/sq in	bar	0.06895
pounds/sq in	kg/sq cm	0.0703
pounds/sq in	kilopascals (kPa)	6.895
pounds/sq in	megapascals (MPa)	0.006895
quarts (liq)	liters	0.9463

To Convert From	Into	Multiply By
rod	meters	5.029
sq centimeters	sq inches	0.155
sq feet	sq meters	0.0929
sq feet	sq yards	0.1111
sq inches	sq cms	6.452
sq kilometers	sq miles	0.3861
sq meters	sq feet	10.76
sq meters	sq yards	1.196
sq miles	sq kms	2.59
sq millimeters	sq inches	0.00155
sq yds	sq meters	0.8361
Temperature	Celsius (°C)	(°F-32) x 5/9
tons (long)	tons (short)	1,016
tons (metric)	kilograms	1,000
tons (metric)	pounds	2,205
tons (short)	kilograms	907.18
tons (short)	tons (metric)	0.9078
vibrations/min	Hertz	0.0167
yards	meters	0.9144



Dynapac is so much more than just equipment.

When our machines are distributed, we include a whole concept of service with original parts, support and organized know-how, covering all the needs in the entire field of compaction and paving – on every continent. We have cut down on response times and increased availability, reliability and distribution speed. For optimum quality, the same engineer who designed the original machine also looked after the parts. We have a row of service points around the globe to provide peace of mind. Through the internet, our service points have documentation and parts availability information, updated minute by minute. We have developed a complete international network, always ready to offer support and assist with parts and service in order to maintain the highest product quality.

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