

# DYNAPAC LIGHT COMPACTION

Dynapac Twin Drum Roller  
Dynapac Forward Plate  
Dynapac Rammer  
Dynapac Reversible Plate  
Dynapac Cutter  
Dynapac Roller



**The Dynapac Light Compaction range** compliments our larger compaction & paving equipment to get the job done in relatively confined spaces. We focus on every possible type of material to compact, through weight classes and different types of machines. Combined with Dynapac's decades of experience in the world of compaction & paving, this incredible range of equipment will ensure that you stay ahead of the game!

Here, you discover more about the walk-behind equipment from Dynapac.

Rammers, forward and reversible vibratory plates, twin drum roller, rollers and cutters – a fantastic range of equipment that is Designed to Perform. Built to Last!

# *Dynapac Light Compaction*



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**Twin Drum Roller**

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**DTR**



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**Forward Plates**

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**DFR**



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**Rammer**

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**DR**

# STREET-SMART COMPACT ROLLERS

The **Dynapac CC1250/CC125** is powered by water-cooled diesel engine. Noise level of these machines is very low, which is good for the operator and the city around him.

It features a new electric system with an Electronic Control Unit. The ECU controls all vital electric functions on the machine and makes the electric system even more reliable.

Long service intervals mean fewer oil changes and less money spent on routine maintenance. The corrosion-free water tanks are made of impact-resistant and recyclable polyethylene plastic.

## On The Surface

This double drum model features vibration and drive on both drums. The large drum diameter makes them especially effective on soft asphalt. The ratio of drum diameter to static linear load reduces the risk of cracks.

## Ease Of Maintenance

A separate filter in the water system mean no clogged sprinkler nozzles. The entire system can be drained easily without special tools. Filters for hydraulic fluid, engine oil and fuel are easily accessible.

## Sustainable Productivity

Dynapac develops and manufactures products with the goal of sustainability, lower operating costs and long-lasting quality equipment that creates high-quality results.



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**Reversible Plates**

**DRR**



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**Cutter**

**DCR50**



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**Rollers**

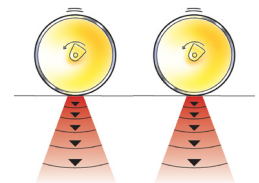
**CC1250 & CC125**

# DOUBLE POWER



## Maximize savings by minimizing the passes

The Twin Vibration Technology (TVT) on the DTR75 features vibratory elements in both drums. As both the drums are used actively for compaction the number of passes can be reduced saving time & money. TVT also ensures a uniformly compacted surface.



TVT

Engine shuts down automatically in case of low oil preventing breakdowns and repair costs.



move fast

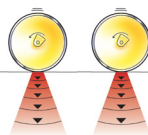
climb easy.

## Powerful hydrostatic drive

In order to deliver high operating speed, the Twin Vibration Technology is aided by hydrostatically driven drums. The hydrostatic drive known for its efficiency provides power to both drums helping the roller climb steep slopes with ease.



continuous  
speed control



TVT

## Great results

Continuously variable speed control ensures a smooth surface. Uniformly compacted surface is guaranteed thanks to the Twin Vibration Technology.

## Safe

Anti-crush mechanism on the operator handle and a parking brake ensures a safe operating environment.

All the operating functions are close to the operator to enable easy and fast operation.



## Convenient

To minimize operator fatigue and allow long hours of stress free operation, the walk behind roller also features an electric start, vibration dampened steering handle and quiet vibration technology.



## Practical

With a large water tank the equipment can be used for relatively longer periods without having to re-fill.



## Technical Data



### Masses

Operating mass, kg	757
Basic mass, kg	727
Axle load, avg., kg	379



### Traction

Speed 1/ Speed 2, forward/reverse, km/h	5.5 / 2.5
Max. gradeability without vibr./with vibr., %	40 / 35



### Compaction

Centrifugal force (front/rear), kN	22
Nominal amplitude (front/rear), mm	0.45
Vibration frequency, Hz	55



### Engine

Manufacturer/Model	Hatz 1D 42
Type	Air cooled, diesel
Power	6.2 kW @ 2,800 rpm
Fuel consumption /h, avg., l	1.3
Fuel tank capacity, l	5.0
Water tank capacity, l	60

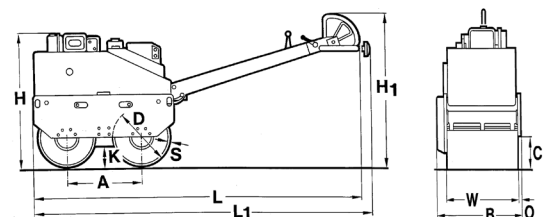


### Dimensions

A. Wheelbase, mm	550
B. Width / W. Drum width, mm	762 / 650
C. Clearance, mm	200
D. Drum diameter, mm	400
H / H1. Height, mm	960 / 1,210
K. Ground clearance, mm	110
L / L1. Length, mm	2,200 / 2,320
O. Overhang, mm	20
S. Drum shell thickness, mm	8

## Features

- Water sprinkler system
- Infinitely variable speed control
- Vibration and throttle regulation on the steering rod
- Height adjustable and low vibration steering rod
- Back-up drive protection on the steering rod
- Hydrostatic drive
- Mechanical vibration drive with exciter on both drums
- Two scrapers for each drum
- Safety control including parking brake
- Automatic shutdown at low oil level
- Electric and crank starter
- One point lift





# BUILT TO PERFORM



## Max Uptime

The tubular frame protects the power-pack against damages from tough job conditions.

Puncture proof transport wheels.

## Min Cost

Heavy duty base plate that offers excellent wear resistance.

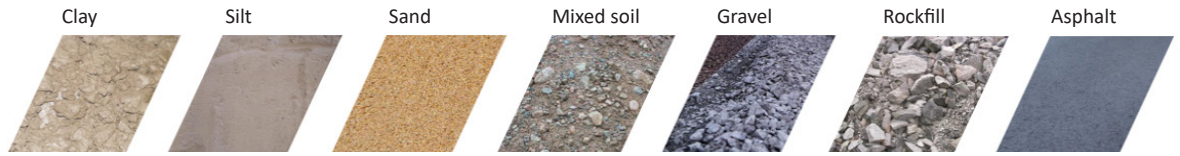
Protected from the sand and stones, fully enclosed belt drive maximizes the life time of components like the V-belt.

## Operating Comfort

Operator fatigue is reduced by vibration dampened handle.

Foldable handles that save space, one point lift and transport wheels help move the equipment with ease.

# Application overview



top / binder / base

## Technical Data      DFR8      DFR10      DFR14D

### Masses

Operating mass, kg	78	104	137
Basic mass, kg	67	97	128

### Traction

Max. gradeability, %	25	22	20
Max. working speed, m/min	26	24	22

### Compaction

Frequency, Hz	93	93	93
Centrifugal force, kN	11.70	19.60	20
Amplitude, mm	1.1	0.95	0.85

### Engine

Manufacturer/Model	Honda GX 160	Honda GX 160	Greaves 1520
Emission according to	EU Stage V	EU Stage V	EU Stage V
Type	Air cooled, Petrol	Air cooled, Petrol	Air cooled, diesel
Power	4.1 kW @ 3,600 rpm	4.1 kW @ 3,600 rpm	3.72 kW @ 3,600 rpm
Fuel tank capacity, l	3.6	3.6	3.6

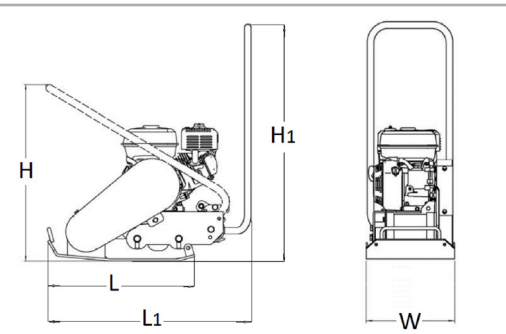
### Dimensions

H. Height, mm	650	580	720
H1. Height, mm	900	621	670
H2. Height, mm		904	930
L. Length, mm	550	634	634
L1. Length, mm	790	864	930
W. Basic plate width, mm	350	500	500

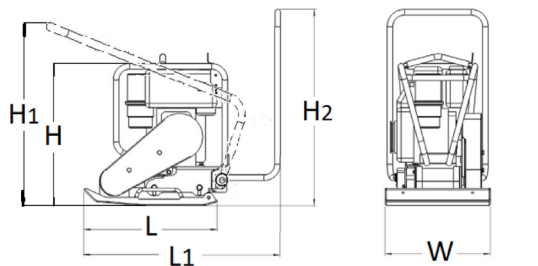
## Features      DFR8, DFR10, DFR14D

- Foldable steering handle with vibration isolation
- Highly wear resistant base plate
- All around protection for V-belt
- Protection frame for powerpack
- Recoil starter
- Carrying handles
- One point lift
- Puncture proof transport wheels (+4 kg)

### DFR8



### DFR10 & DFR14D



# KEEP GOING, NO MATTER WHAT!



## **Max Uptime**

Metal cover protection for engine from potential damages in the construction site.

The knob to stop the engine cuts off the fuel supply at the same time. Thus, even if the rammer stays flat - during transport or at the jobsite - it can be started right away in the up-right position.

## **Min Cost**

Avoid engine repair costs with the help of low-oil level warning.

The metal covers keep the engine protected along with air & fuel-filters.

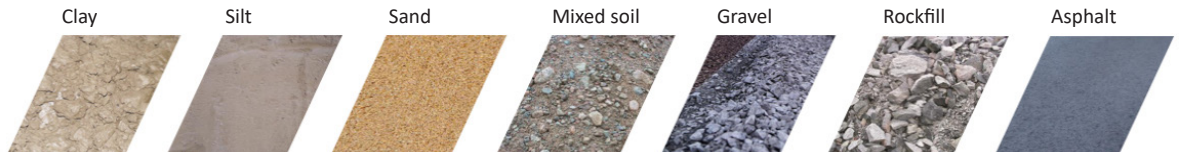
## **Operating Comfort**

Vibration dampened handles ensure fatigue free operation by reducing the strain on the hands.

One point lifting hook enable you to move the unit around easily.



## Application overview



DR



binder / base

## Technical Data



### Masses

Operating mass, kg	67
Net mass, kg	66



### Traction

Max. area coverage, mm <sup>2</sup>	336
Max. working speed, m/min	20



### Compaction

Impact force, kN	16
Vibration frequency, Hz	10.0 - 11.8



### Engine

Manufacturer/Model	Honda GX 100
Type	Air cooled, gasoline
Power, kW	2.3
Fuel consumption /h, avg., l	0.9
Fuel tank capacity, l	3.0

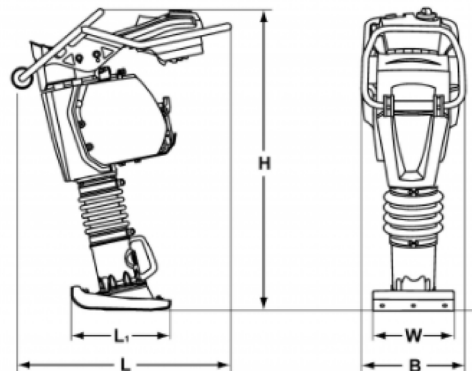


### Dimensions

B. Width, mm	350
H. Height, mm	1,030
L. Length, mm	728
L1. Length, mm	335
W. Basic shoe width, mm	280

## Features

- Low vibration handle
- Dual stage fuel filter system
- Air filter
- Auto oil level check before start
- Engine protection covers
- One knob to start or stop both engine & fuel
- Infinitely variable frequency
- Recoil starter
- Loading aid rollers on handle
- One point lift



# BUILT TOUGH



## **Max Uptime & Min Costs**

When it comes to larger areas, the powerful DRR's from Dynapac are ideal for the job – traction and compaction made easy. Extreme conditions are easily dealt with, thanks to their rugged design and all-around protection cage.

## **Safe, Convenient & Practical**

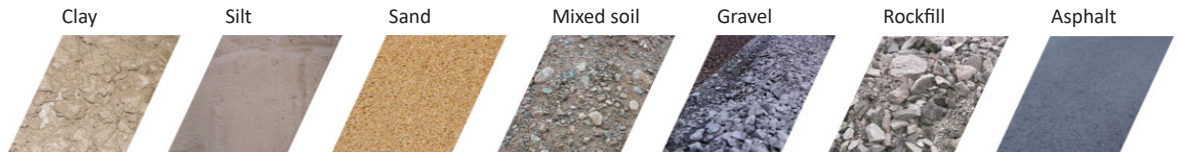
Vibration dampened control lever features reverse drive protection. Thus operator is kept safe from getting caught between the equipment and any other object like a wall.

Control lever can be safely secured during transport and operation.

## **Self Cleaning Plate**

Open style construction of the heavy duty base reduces the maintenance cost. As the stones don't get stuck, wear and tear of parts are minimized.

# Application overview



DRR



top / binder (light weight) / base

## Technical Data

DRR20

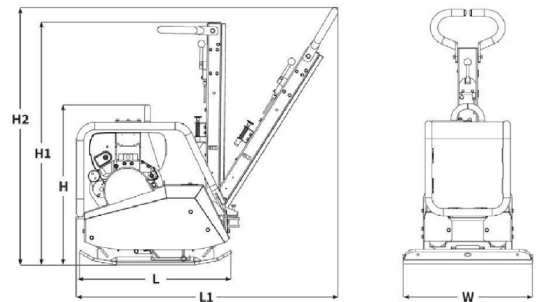
DRR20D

Masses		
Operating mass, kg	181	191
Net mass, kg	183	196
Traction		
Max. area coverage, %	20	20
Max. working speed, m/min	20	20
Compaction		
Amplitude, mm	1.8	1.8
Centrifugal Force, kN	29.40	30
Frequency, Hz	81	81
Engine		
Manufacturer/Model	Honda GX 200	Hatz 1B20
Emissions according to	EU Stage V	EU Stage V
Type	Air cooled, Petrol	Air cooled, diesel
Power	4.1 kW @ 3,450 rpm	3.3 kW @ 3,450 rpm
Fuel tank capacity, l	3.6	3.6
Dimensions		
H. Height, mm	690	750
H1. Height, steering rod (lowered), mm	1,140	1,140
H2. Height, steering rod (raised), mm	1,150	1,150
L. Length, mm	710	710
L1. Length, mm	1,230	1,230
W. Basic shoe width, mm	500	500

## Features

DRR20, DRR20D

- Control handle with vibration isolation
- Control lever lock in transport position
- Reverse drive protection
- Highly wear resistant base plate
- All around protection hood
- All around protection for V-belt
- One point lift
- Recoil starter



# BUILT TO LAST



## **Operating comfort**

Vibration dampened handles ensure fatigue free operation by reducing the strain on the hands.

One point lifting hook and wheels enable you to move the unit around easily.

## **Built Tough**

All around cage keeps the engine package safer

## **Build to be Powerful**

Equipped with diamond cutter, which ensures high quality cutting operation for road beside concrete and asphalt. Extreme wear resistance results in increase in life span, there by reducing the operating cost.

The higher velocity of blades ensures low noise, vibration and pollution making it environment friendly.

## Technical Data



### Masses

Operating mass, kg	129
Net mass, kg	135



### Cutting section

Diamond blade, max., mm	500
Max. cutting depth, mm	185
Spindle diameter, mm	25.4
Water tank capacity, l	40



### Engine

Manufacturer/Model	Honda GX390
Emissions according to	EU Stage V
Type	Air cooled, Petrol
Power	9.6 kW @ 3,600 rpm
Fuel tank capacity, l	6.5

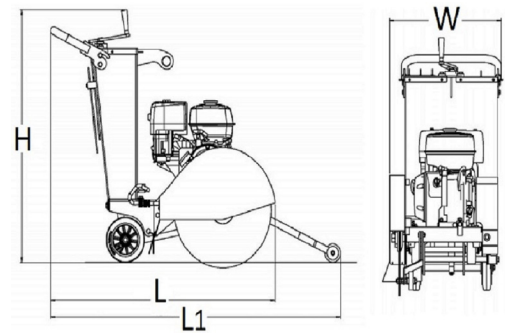


### Dimensions

H. Height, mm	1,115
L. Length, mm	1,176
L1. Length, mm	1,520
W. Width, mm	585

## Features

- Variable cutting depth
- Two position lock for precise depth control
- Rust free water tank with painted interior
- Heavy duty quick connection for water spray system
- Four banded cogged V-belt
- All around protection for V belt
- Lifting hook
- Recoil starter

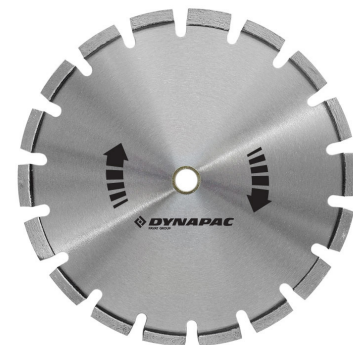


## Diamond Cutter Blades for Concrete & Asphalt

### Diameter

350 mm	○
400 mm	○
450 mm	○
500 mm	■

■ Standard    ○ Optional





# BUILT TO COMPACT



**Dynapac's New** articulated compact tandem roller CC1250 & CC125 is designed for compaction on city street, where size and noise matter most. The new rollers have an operating weight range up to 3,000 & 3,100 kg. These model features an improved design and new engine, which is quieter than ever. Dynapac has created this roller with both the operator and quality roads in mind.

## **Max Uptime & Min Costs**

Corrosion free, impact resistance water tank made of recyclable material with large opening for filling.

Long service interval makes less down time.

Excellent service accessibility.

## **Safe, Convenient & Practical**

Safety interlock to prevent accident. Operator must be in the seat before the engine starts.

Automatic break lock if the engine stops or if there is a problem in the hydraulic or electric brake circuit.

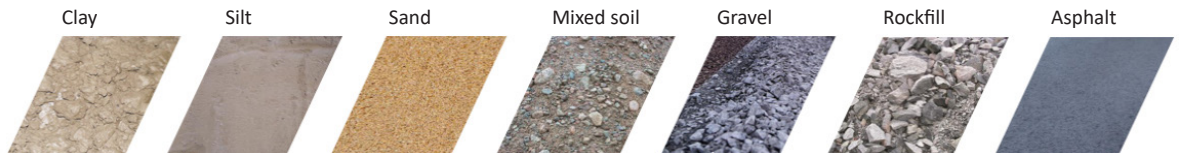
## **Operating Comfort**

Silent water-cooled engine.

Ergonomic F and R handle.

Non-clogging sprinkler nozzle and easy drain sprinkler water system with no special tools required.

# Application overview



CC1250/CC125



## Technical Data

	CC1250	CC125
<b>Masses</b>		
Max Operating mass, kg	3,100	3,200
Operating mass, kg	3,000	3,100
Module mass (front/rear), kg	1,400 / 1,600	1,500 / 1,600

	CC1250	CC125
<b>Traction</b>		
Speed Range, km/h	0 - 13	0 - 12
Vertical Oscillation	± 10°	± 10°
Theor. Gradeability, %	38	38

	CC1250	CC125
<b>Compaction</b>		
Static linear load (front/rear), kg/cm	11.66 / 13.3	12.5 / 13.3
Nominal Amplitude, mm	0.5	0.5
Centrifugal Force, kN	27	27
Vibration Frequency, Hz	58	58

	CC1250	CC125
<b>Engine</b>		
Manufacturer/Model	Kubota D1703-M	Mahindra 275DI
Type	Water cooled, Diesel	Water cooled, Diesel
Power	26.1 kW (35 hp) @ 2,800 rpm	28.7 kW (39 hp) @ 2,600 rpm
Fuel tank capacity, l	50	50

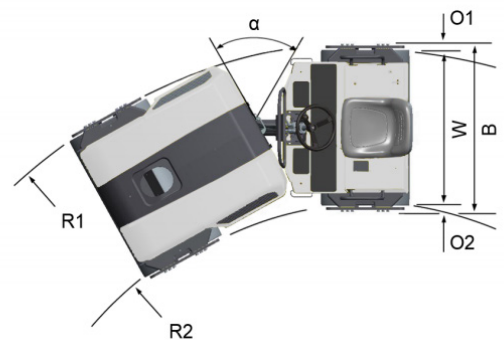
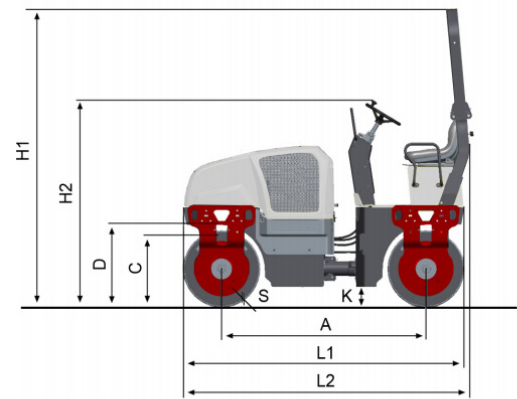
## Dimensions

A. Wheelbase, mm	1,811
B. Width, mm	1,262
C. Curb Clearance, mm	572.5
D. Drum Diameter, mm	682
H1/H2. Height, with ROPS/Cab, mm	2,649 / 1,836
K. Ground Clearance, mm	183
L1/L2. Length (ROPS), mm	2,487 / 2,588
O1/O2. Overhang (right/left), mm	31 / 31
R1/R2. Turning radius (outside/in side), mm	4,100 / 2,900
S. Drum Shell Thickness, mm	13
W. Drum Width, mm	1,200
α. Steering Angle	± 29°

## Optional

	CC1250	CC125
Mirror assy	■	■
Working light (Rear 1 no)	○	○
Rotating Beacon light assy	○	○
Dyn@link (Basic), factory fitted	○	○
Dyn@link (Basic), field kit	○	○

■ Standard    ○ Optional





## DYNAPAC LIGHT EQUIPMENT



Available at Dynapac outlets or dealers  
[www.dynapac.com/in-en/contacts](http://www.dynapac.com/in-en/contacts)

*Your Partner on the Road Ahead*



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