

# Complete line of single drum vibratory rollers for soil compaction

Dynapac brings you the new CA rollers -- a large family of single drum vibratory rollers with operating weights ranging from 10000 kg to 12900 kg. These rollers and their versions compact any type of soil, from cohesive and granular soils to rock fillings in dams.

## CA Line - Main technical characteristics



Machine Description	CA25D	CA25PD	CA30D	CA30PD	CA35D
Operating weight(kg)	10300	11900	11100	12700	12100
Front Module Weight(kg)	5500	7100	6300	7900	7350
Rear Module Weight (kg)	4800	4800	4800	4800	4750
Speed (Dual)	0-8 km/h	0-8 km/h	0-8 km/h	0-8 km/h	0-7 km/h
Drum Drive	Yes	Yes	Yes	Yes	Yes
Drum Width (mm)	2130	2130	2130	2130	2130
Drum Diameter (mm)	1500	1500	1500	1500	1510
Drum Thickness (mm)	25	25	25	25	30
Static Linear Load (kg/cm)	26	-	30	-	35
Frequency (High/Low)	33/33	33/33	33/33	33/33	33/33
Amplitude(High) mm	1.8	1.2	1.8	1.2	1.7
Amplitude(Low) mm	0.9	0.6	0.9	0.6	0.8
Centrifugal force (High/Low) (KN)	250/123	250/123	250/123	250/123	250/123
Theor. Max. Gradeability (%)	52		48		42
Engine make	Cummins 4BT3.9 T1/ Cummins QSF 3.8 T3	Cummins 4BT3.9 T1/ Cummins QSF 3.8 T3	Cummins 4BT3.9 T1/ Cummins QSF 3.8 T3	Cummins 4BT3.9 T1/ Cummins QSF 3.8 T3	Cummins 4BT3.9 T1/ Cummins QSF 3.8 T3
Rated Power	102HP@2300 rpm/ 130HP@2200 rpm	102HP@2300 rpm/ 130HP@2200 rpm	102HP@2300 rpm/ 130HP@2200 rpm	102HP@2300 rpm/ 130HP@2200 rpm	102HP@2300 rpm/ 130HP@2200 rpm

\*The full features of the CA 30 D / PD are shown on the next page. \*PD is PD Shell

## Compaction Specialist

With Dynapac performance, you can achieve first-rate compaction results with the best possible overall economy. Dynapac soil compactors are vibratory rollers with state-of-the-art designs and unique features designed for efficient compaction.

Having over eighty years of experience, research and performance tests worldwide, these equipment that are designed in Sweden and produced in India, offer the most appropriate solution to the compaction demands at your work site.

## CA 30 D / 30 PD - Technical specifications

Length	5.600 mm
Width	2.256 mm
Height	2.890 mm



Mass* (kg)	CA30D	CA30PD
Operating weight (incl. canopy)	11.100	12.700
Front / rear module weight (incl. canopy)	6.300/4.800	7.900/4.800
Operating weight (max.)	11.300	12.900

Traction	CA30D	CA30PD
Speed, km / h	0 - 8	
Vertical swing	±9°	
Tire size (8 Ply)	23,1 x 26	
Max. Grade ability (theoretical),%	48	

Compaction	CA30D	CA30PD
Linear static load, kg / cm	30	---
Amplitude (high / low) mm	1.8 / 0.9	1.2 / 0.6
Vibration frequency (high / low) Hz	33/33	
Centrifugal force (high / low) kN	250/123	
Total dynamic impact (high / low) kgf	31.780 / 18.840	

Engine	CA30D	CA30PD
Manufacturer / Model type	Cummins QSF 3.8 (III/T3)/Cummins 4BT3.9 (T1)	
Power, SAE J1995 rpm	97 kW (130 hp) @ 2200/ 76 kW( 102 hp) @ 2300	
Fuel tank, liters		280
Electric system		12 V

Hydraulic system	CA30D	CA30PD
Traction		Hydrostatic
Vibration		Hydrostatic
Steering		Hydrostatic
Service brake		Hydrostatic in forward and reverse lever.
Parking/ Emergency brake		Failsafe multidisc brake in rear axle and front drum motor.

Standard Equipment	Optional Equipment
12 V outlet (III/T3 only); Amplitude, dual; AVC, Automatic Vibration Control; Back-up alarm; Battery switch; Brake release; Emergency stop; Filler caps lockable; Fuel level gauge; Fuel tank drainage; Hood, lockable; Horn; Hour meter; Hydraulic check-points; Interlock; Lifting points; Neutral start arrangement; Operator's platform, vibration dampened; Operator's comfort seat mechanical suspension, adjustable forward & reverse; Driving Lights; LED Working Lights; Rear view mirrors; Dual Scrappers; Parking brake; Rear axle Limited slip (Dual Speed); Service indicators/warnings; Storage box on operator's platform; Tie- down points; Tool boxes, integrated in fenders; User's instructions, one set; Vandal cover (over instrument panel); Vibration quick stop	50 hours Service kit; Bolt-on padfoot shell, CA25D/30D; Compaction Meter (CMV), First aid box; Lights, driving, right hand traffic; Radio with MP3 (Cab); Remote monitoring, Dyn@Link; Rotating beacon

Dynapac reserves the right to change specifications without prior notice. The photos and illustrations that are part of this brochure may contain optional elements. The information contained in this brochure refers only to a general description, does not contain any type of guarantee.

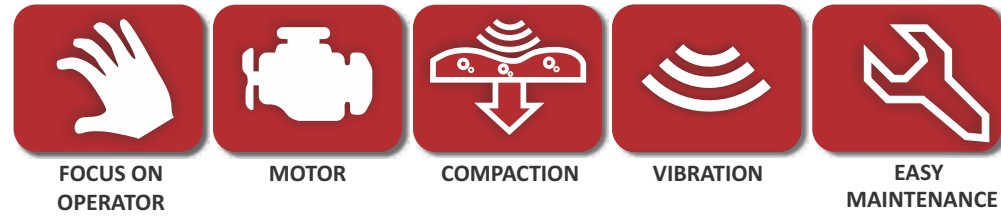


Available in Canopy,  
ROPS and Air conditioned  
Cabin options





# Dynapac Compaction



**Single roller, multiple applications** >>>

We look for our most primitive instincts.

To find the true essence of a Dynapac device.

To meet the wildest and most aggressive construction challenges, we present the most powerful compactor roller ever seen.

**Dynapac CA Series:** Agile, robust, comfortable, economical. A new performance standard for single cylinder rollers from 10 to 12 tons.



**Designed for performance, built to last far beyond all the expectations**

**VERSATILITY**

This series is versatile, Available in 2 versions, smooth and pad foot shell, ensuring the best performance on all types of soil

**EXTRA TRACTION**

Variable drive of the engine on the front cylinder and axle Rear and exclusive Limited Slip system, guarantees a better traction. No matter the type of soil, even in steep slopes.

**LAST GENERATION ROLLER**

The exclusive Dyn@link telemetry system monitors equipment conditions and location.

**SECURITY AND COMFORT**

A new safety and comfort standard with Comfort seat available with three operating platform options: Open canopy, ROPS/FOPS and air conditioned closed cab

**MORE ERGONOMIC**

All controls are intuitive and easily accessible. The operator has a broad view of all the work.

**ECONOMIC PERFORMANCE**

Its high performance engine unites power with economy, silent operation, ease of use and low emissions of pollutants.



**GREAT PERFORMANCE**

This series has the highest level of performance in its class.



**MODERN, EXACT AND INTELLIGENT**

With each compaction pass, the Compaction Meter system indicates when the optimum level has been reached by locating fragile areas, saving time, fuel and money.

**FOLDABLE CANOPY**

Dynapac's unique foldable canopy design ensures lowest transport height (2400 mm), allowing transportation in small trucks and thereby reducing transport costs.



**Follow your instincts. With these rollers there are no obstacles in your project.**



**Superior traction and high productivity.**

Designed for the most demanding environments, the new CA series overcome any construction challenge. On roads, streets and works around the world, once again, Dynapac leaves its mark. The hallmark of innovation.



**Extra security Emergency break**

Equipped with operator seat lock sensor, hydrostatic brake and emergency brake acting on the differential. Simply press a button on the panel for immediate stop. In the event of a breakdown in the electrical system, in the brake valve or in the motor, the stop is automatic.

**Dashboard rational**

In the panel, the control instruments are rationally distributed, facilitate reading and understanding and still give you very simplified access. The operation is made easier and the compaction control and productivity are guaranteed.



**Full access to Engine components**

The new CA series also revolutionize maintenance operations. Its completely open bonnet provides quick and simple access to all machine components.



**Compression of Superior quality**

This roller achieves optimal compaction with less strides. Its high static linear load is unmatched and the total compaction force is the highest between the compactor rollers in its class.