# CA5500D

## Single Drum Rollers




DYNAPAC
FAYAT GROUP

*TECHNICAL DATA*

# Technical data

## Theoretical gradeability

| | |
|---|---|
| Antispin | 48 % |
| Traction Control | 45 % |

## Compaction

| | |
|---|---|
| Centrifugal force, high amplitude | 80,931 lbf |
| Centrifugal force, low amplitude | 33,721 lbf |
| Nominal amplitude, High | 0.0827 in |
| Nominal amplitude, Low | 0.031 in |
| Static linear load | 49 lb/in |
| Vibration, high amplitude | 1,740 vpm |
| Vibration, low amplitude | 1,800 vpm |

## Hydraulic system

| | |
|---|---|
| Driving | Hydrostatic. |
| Parking/emergency brake | Failsafe multidisc brake in rear axle and front drum motor. |
| Service brake | Hydrostatic in forward and reverse lever. |
| Steering | Hydrostatic. |

## Drum

| | |
|---|---|
| Drum width | 84 in |

## Weights

| | |
|---|---|
| Front module weight | 26,125 lb |
| Max operating weight | 41,006 lb |
| Rear module weight | 14,440 lb |

## Fluids

| | |
|---|---|
| Fuel tank | 67 US gal |
| Hydraulic tank | 11 US gal |
| Hydraulic, oil in system | 22 US gal |

## Standards and certifications

| | |
|---|---|
| Guaranteed Sound power level, LwA | 104 dB |

## Dimension Machine

| | |
|---|---|
| Height, max | 114 in |

## Tyre

| | |
|---|---|
| Number of tyres | 2 |
| Tyre type | All weather |

## Steering

| | |
|---|---|
| Steering Angle | 38 ° |
| Turning Radius, inside | 135 in |
| Turning Radius, outside | 219 in |

## Traction

| | |
|---|---|
| Vertical oscillation | 9 ° |

## Engine

| | |
|---|---|
| Emission | Stage IIIA/Tier 3 |
| Manufacturer | Deutz |
| Model | TCD2012L06 |
| Rated power | 128 kW (174 hp ) @ 2,200 rpm |
| Rated power according to standard | SAE J1995 |
| Type | Water cooled turbo diesel |

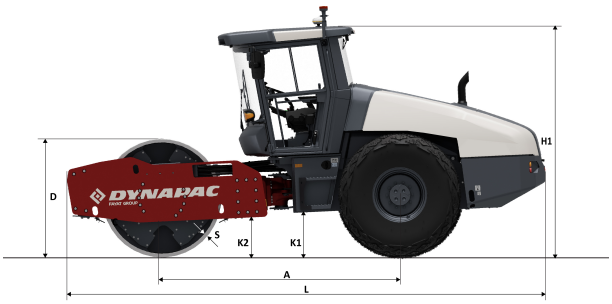
## Engine

| | |
|---|---|
| Emission | Stage V/Tier 4f |
| Manufacturer | Cummins |
| Model | B4.5 |
| Rated power | 149 kW (200 hp ) @ 2,200 rpm |
| Rated power according to standard | SAE J1995 |
| Type | Water cooled turbo diesel |

# Dimensions

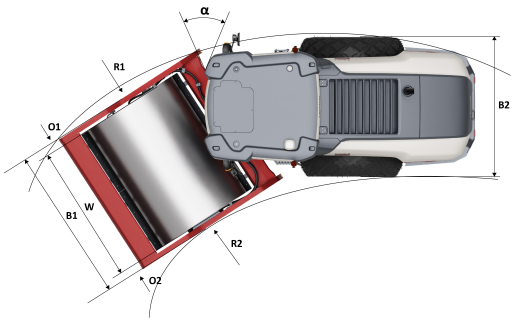
## SIDE VIEW

| | | |
|---|---|---|
| A | 122 in | Wheelbase |
| D | 61 in | Drum Diameter |
| H1 | 114 in | Height |
| H2 | 114 in | Height, max |
| K1 | 18 in | Ground clearance |
| K2 | 18 in | Curb Clearance |
| L | 246 in | Length |
| S | 2 in | Drum shell thickness |




## TOP VIEW

| | | |
|---|---|---|
| B1 | 92 in | Width, front |
| B2 | 84 in | Width, rear |
| O1 | 4 in | Overhang, right |
| O2 | 4 in | Overhang, left |
| R1 | 219 in | Turning Radius, outside |
| R2 | 135 in | Turning Radius, inside |
| W | 84 in | Drum width |
| α | 38 ° | Steering Angle |



# Questions?

## We're happy to help

Find your closest dealer at dynapac.com

