



CA30 RHINO



TECHNICAL DATA

SOIL COMPACTOR

| TECHNICAL DATA | CA30D | CA30PD |
|--|----------------------------|----------------------------|
| Drum width, in | 84 | 84 |
| MASSES | | |
| Operating mass, lbs (ROPS / CAB) | 24,700 / 24,900 | 26,500 / 26,700 |
| Module mass, lbs (front/rear) | 14,100 / 10,800 | 15,900 / 10,800 |
| TRACTION | | |
| Speed range, mph | 0 - 6.5 | 0 - 7.0 |
| Vertical oscillation | ±9° | ±9° |
| Theoretical gradeability | 43 % | 53 % |
| COMPACTION | | |
| Centrifugal force , lbf (high/low amplitude) | 56,200 / 27,700 | 60,700 / 33,700 |
| Nominal amplitude, in (high/low) | 0.072 / 0.035 | 0.078 / 0.043 |
| Static linear load, lbs/in | 168 | - |
| Vibration frequency, vpm | 1980 | 1800 |
| ENGINE | | |
| Manufacturer/ Model | Cummins F3.8 Stage V/T4f | Cummins F3.8 Stage V/T4f |
| Type | Water cooled turbo Diesel | Water cooled turbo Diesel |
| Rated power, SAE J1995 | 100 kW (134hp) @ 2,200 rpm | 100 kW (134hp) @ 2,200 rpm |
| Fuel tank capacity, gal | 74 | 74 |

DYNAPAC

SOIL COMPACTOR



CA30 RHINO





SINGLE DRUM COMPACTORS

EXCELLENT COMPACTION QUALITY

02

Dynapac
CA30



Optimized Compaction Performance

Simplified Operation Concept

Superior Serviceability

Excellent Visibility

Traction for All Situations

Dynapac's CA30 Rhino, a vibratory roller is used to compact all types of soil. The rollers are suitable for most types of road construction, airfields, dam construction, harbour projects and industrial constructions. A special version with a padfoot drum (PD) is available for compacting cohesive soil. The CA30D smooth drum roller can be equipped with an optional bolt-on padfoot shell kit making it highly versatile.

A NEW PERSPECTIVE ON COMPACTION

BRINGS THE COMPACTION QUALITY TO A NEW LEVEL

EXCELLENT VISIBILITY

The operator's seat swivels right 60°, which in combination with the sloping engine hood, provides the operator with a perfect view over both the working area and their surroundings without any structures blocking vital sight-lines. To facilitate night work, the CA30 is outfitted with four powerful LED Working Lights which are mounted on the ROPS / Cab roof as standard. Visibility can be further enhanced with an optional back-up camera and driving lights.

SIMPLY SMART COMPACTION

The operator's station is designed so that it is easy and simple to learn how to operate. All necessary functions are located on the dashboard, with easy to understand symbols and vibration activation integrated into the forward and reverse lever.

CONFIGURE YOUR DRUM TO YOUR NEEDS

Depending on the jobsite requirements and material that is being compacted, you are able to choose between either smooth or padfoot drums accordingly. Versatility can be increased with padfoot shells kits to be used interchangeably with a smooth drum machine without diminishing compaction performance.

AUTOMATIC VIBRATION CONTROL (AVC)

Dynapac's Soil Compactors have Automatic Vibration Control (AVC) which when active, vibration will not initiate until the forward and reverse lever leaves the neutral position. This avoids any inadvertent vibration while the machine is standing still, preventing damage to the machine nor the compacted material.

SUPERIOR SERVICEABILITY

The engine compartment is arranged to offer excellent access to all routine service and maintenance points. The hydraulic pumps are in line with the engine and are fully serviceable from ground level. Additionally, all filters can be changed, and all fluids can be refilled from the ground as well.

OPTIONAL COMPACTION METER

An optional compaction meter can be added to secure the required and desired compaction result. The accelerometer-based system ensures that the compacted area is homogeneous and indicates when the material is fully compacted to avoid unnecessary additional passes, saving both time and fuel. Included with the compaction meter, the Dynapac Bouncing Indicator alerts the operator if the machine begins bouncing.





PHENOMENAL GRADEABILITY

The Dynapac CA30 is equipped with a 4-speed manual transmission which can support gradeability up to 43% with the smooth (D) drum or up to 53% with the padfoot (PD) drum.

EFFICIENCY ECCENTRICS

Dynapac's patented eccentric system optimizes compaction performance and lowers operating costs. It also reduces the energy consumption required to initiate vibration by up to 50%, thus limiting wear and tear.

WANT TO FIND OUT MORE?

Get to Dynapac Product Information: Scan the QR code to enter the Dynapac Rollers product site.



JOB SITE CONFIDENCE

Keep your team confident and healthy while on the job site. Ensure optimal working safety, ergonomics, and easy-to-use operating systems.



HIGH PRODUCTIVITY

Increase the productivity of your job sites through efficient paving and compaction operation. Reduce downtime on the job site.



MAXIMUM UPTIME

A machine has to run to make money! Minimize non-productive times and avoid unscheduled break-downs.



LOW COST OF OWNERSHIP

Improve the overall profitability of your investment by reducing machine operating costs, while maintaining a high equipment value.



HIGH-QUALITY RESULTS

Avoid penalties and rework! Optimize paving and compaction job quality.



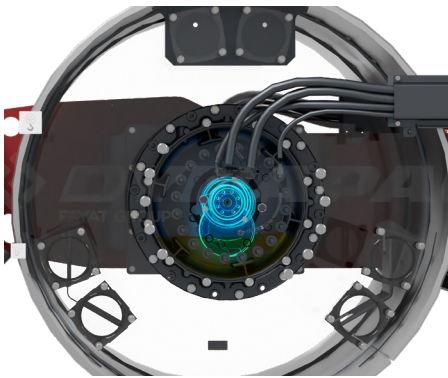
ENVIRONMENT / SUSTAINABILITY

Show your environmental commitment and social responsibility while collecting tenders that require low CO2 and noise emissions.

COMPACTION ESSENTIALS

Your satisfaction is key. We offer various options and best-in-class features. We are your partner on the road ahead.

EFFICIENCY ECCENTRICS



LESS POWER REQUIRED

Dynapac's patented eccentric system optimizes compaction performance and lowers operating costs. It also reduces the energy consumption required to initiate vibration by up to 50%, thus limiting wear and tear. This in combination with low oil cartridge system assists in maintaining the maximum uptime of the machine



DRUM VERSATILITY



ADAPTABLE TO YOUR NEEDS

Depending on the jobsite requirements and material that is being compacted, you are able to choose between either smooth or padfoot drums accordingly.

The padfoot-shell kit extends the utilization of your roller when you have cohesive and semi-cohesive soils to compact.

Transform your smooth drum roller to a pad foot roller in less than 4 hours with the shell kit.



TRACTION SYSTEM



TRACTION FOR ALL SITUATIONS

The Dynapac CA30 is equipped with a 4-speed manual transmission which can support gradeability up to 43% with the smooth (D) drum or up to 53% with the padfoot (PD) drum. The traction system supports up to 3 mph while in operation and up to 6,5 mph while driving in transport mode.

ALL-AROUND VISIBILITY



NO OBSTRUCTIONS

Dynapac's range of Soil Compactors provide the operator a perfect view over both working area and their surroundings by not having any structures that block vital site lines during operation. The sloping engine hood combined with the ability to see the front beam from operator's station makes it easy to keep in control of the machine.

SIMPLIFIED OPERATION, SUPER COMFORT

MINIMIZED VIBRATIONS

The well-considered design of the platform of the machine is dampened to reduce the impact of the vibrations that is transferred to the operator.



OPERATOR'S WORKSPACE

The operator's station contains:

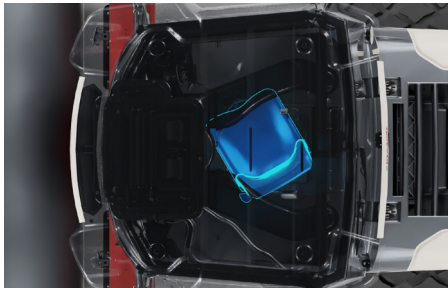
- A phone holder
- A charging socket (12V)
- A cup holder
- A USB Port / Charger
- Optional FM/AM radio with MP3/USB and Bluetooth.

EASY TO UNDERSTAND

All HMI's are designed to make the machine easy to learn how to run the machine for the operator with quick start-up guides. Additionally, transferring between machines is easy with compatible HMI interfaces across the full range.



ENHANCED VISIBILITY



SWIVEL SEAT & LED WORK LIGHTS

The operator's visibility is further improved upon with a seat that is able to swivel 60° to the right as well as 4 powerful LED Working Lights which are mounted on the ROPS / Cab, as standard. Visibility can be upgraded with the addition of an optional back-up camera and driving lights.



OPTIONAL COMPACTION METER



CONTROL YOUR COMPACTION

An optional compaction meter can be added to secure the required and desired compaction result. The accelerometer-based system ensures that the compacted area is homogeneous and indicates when the material is fully compacted to avoid unnecessary additional passes, saving both time and fuel. The Compaction Control System assists in localizing weak spots throughout the jobsite to assure a high-quality result.

SUPERIOR SERVICEABILITY

The engine compartment is arranged to offer excellent access to all routine service and maintenance points. The hydraulic pumps are in line with the engine and are full serviceable from ground level. Additionally, all filters can be changed, and all fluids can be refilled from the ground as well.



DYNA@LINK FLEET MANAGEMENT

With Dyn@link, customers can effectively manage their entire fleet from the comfort of their office, complete with real-time updates, detailed status reporting, and machine performance. All gathered information is available 24/7 from any location optimal monitoring flexibility and a fast reaction time. Fleet managers can also choose whether to be automatically updated on daily, weekly, or monthly basis, regarding efficiency factors such as machine usage, module connectivity status and preventive maintenance. The dashboard gives a complete overview of basic machine information, including operating hours, machine maintenance schedule, and map location. Once a geo-fence is set up, the system will automatically notify Dyn@link users when a machine enters or leaves a predefined area.





FAYAT GROUP

DYNAPAC



YOUR PARTNER ON THE ROAD AHEAD

Being active in the Road Construction business requires considerable investment. Every square meter involves an operational cost composed of fixed costs such as interest on equipment acquired, labor costs, insurance and equipment depreciation, but also variable costs such as expenses for fuel, wear and maintenance.

SERVICE COMMITTED TO YOUR FUTURE

GENUINE PARTS AND KITS

- Preventive maintenance kits
- Genuine Filters
- Fluids and lubricants
- Wear and repair kits
- Upgrade Kits

SERVICE

- Right competence
- Training program
- Inspection & service program
- Extended Warranty & Service Agreement

CONSUMABLES

- Road Milling Tools (bits)

PREVENT THE COST OF A BREAKDOWN

REGULAR MAINTENANCE PREVENTS COSTLY STANDSTILLS. Equipment breakdowns have a direct impact on your productivity. No production means no revenue, but the fixed costs stay the same, resulting in lower profitability. By avoiding breakdowns and increasing the reliability of your machine, you will be able to produce more per year, which will immediately improve your profitability.

PREVENTIVE MAINTENANCE KITS

REGULAR MAINTENANCE PREVENTS COSTLY STANDSTILLS. Equipment breakdowns have a direct impact on your productivity. Preventative maintenance is the only way to ensure that your machine sustains its productivity throughout the working season. To optimize this productivity, your preventative maintenance needs to be planned either ahead of the working season or as your machine approaches specific intervals for servicing. To assist with maintaining your machines, Dynapac offers preventative maintenance kits so that you can have all that is need for each service interval in one place.

