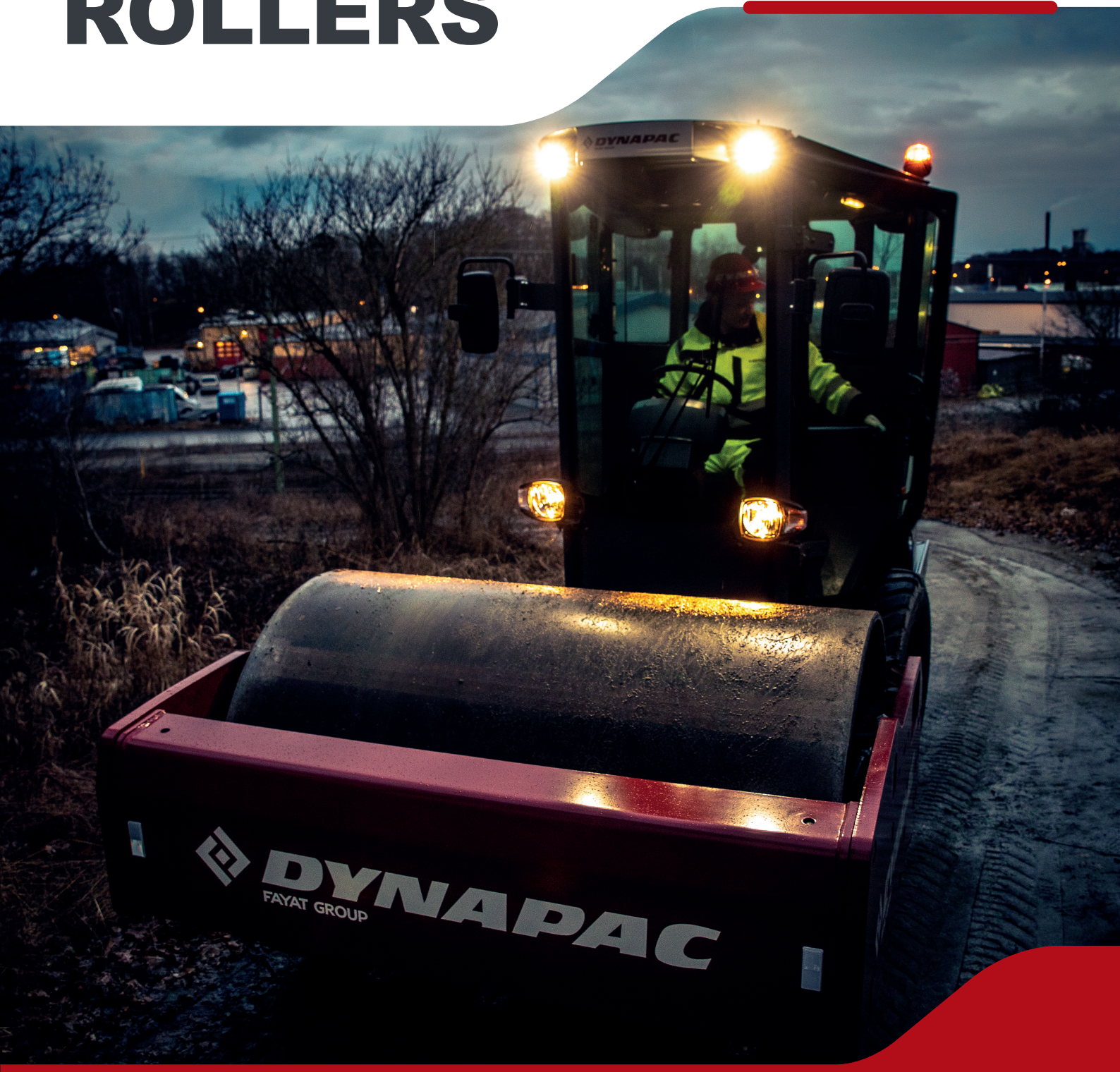
DYNAPAC

SMALL SOIL ROLLERS

CA1300 CA1400



DYNAPAC
FAYAT GROUP

dynapac.com



DYNAPAC SMALL SOIL ROLLERS

SINGLE DRUM VIBRATORY ROLLERS



High Static Linear Load

Excellent Manoeuvrability

Superior Traction

ECO-Mode for low noise and fuel consumption

Optimized Serviceability

The small Dynapac soil compactors are vibratory rollers designed for compaction operations in pipe trenches, compacting roads, streets, and parking lots. Due to the small size and exceptional maneuverability, these rollers are also well suited for compaction on large building foundations and industrial construction sites and in cramped spaces in connection with refilling work. The rollers are also suitable for repair work and give good maneuverability even on very steep slopes. All types of supporting and reinforcement courses can be compacted. The PD version, equipped with pads and drum drive, is especially suitable for the compaction of silt and clayey soils.

A NEW PERSPECTIVE ON COMPACTION

BRINGS THE COMPACTION QUALITY TO A NEW LEVEL

PERFECT VIEW

Dynapac's range of Soil Compactors provides the operator with a perfect view over both the working area and their surroundings by not having any structures that block the vital sightlines needed for control 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 command of the machine.

HIGH STATIC LINEAR LOAD

The correct static linear load contributes to compaction, as opposed to the total weight of the machine. Therefore, it is vital to have the proper relationship between the vibrating and static masses.

EXCELLENT MANOEUVRABILITY

Small dimensions are vital to keep down the turning radius in confined spaces. Additionally, this range is equipped drum frame sides that are clear with all hydraulic hoses protected to reduce the risk of damage.

ECO MODE AND HYDRAULICALLY DRIVEN FANS

ECO Mode aids in a substantially reduction the fuel consumption while still maintaining the necessary vibration frequency. The low noise and low energy consumption created by the ECO mode is improved with fans which are regulated to needed cooling circumstances



DYN@LINK MONITORING SYSTEM

DynaLink assists in avoiding long-term machine damages by easily keeping track of maintenance needs and machine location. Preventive service reduces the risk of unplanned standstills.

HIGH GROUND CLEARANCE AND ANGLE OF ATTACK

High ground clearance is essential to avoid traction issues as well as an angle of attack to achieve a good curb clearance. In addition, the machines are protected by plates underneath to prevent any damage to components.

WANT TO FIND OUT MORE?

Go to Dynapac Website and scan the QR code to enter more information about small soil roller.



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 doentime 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.

OPTIMIZED SERVICEABILITY

This range of soil compactors are built to have long service intervals and for when servicing is needed, all main service points are easy to reach while all necessary documentation is available on the web.

DRUM EDGES VISIBLE

For precise operation, it is key to always be able to keep track of the drum edges and the levelling blade. Furthermore, the drum edges are chamfered control the wear and mitigate the chance that it could cut hydraulic hoses.

INTRODUCTION OF A NEW SAFETY CABINE

SAFETY CAB FEATURES

COMFORT AT THE HIGHEST LEVEL

- Air Condition
- Anti-slip floor
- Back-Up Alarm
- CE marked
- Fresh air fan with filter
- Heater
- Interior light
- Interlock
- Radio with USB/MP3 & Bluetooth
- Rear view mirrors external
- Right window openable
- Rotating beacon
- Seat belt 3”
- Tinted windows
- Wipers & Washers (front & rear)
- Working lights LED



SMALL SOIL ROLLERS

JOB-SITE CONFIDENCE



The ergonomically designed operator's platform a high level of comfort and visibility for the operator over the work area and surroundings. Four LED Working lights for enhanced visibility and to also support for night work are standard. The cab door is large and opens at an angle to facilitate easy entering of the operator's station. Once inside the cab, it is equipped with fresh air ventilation with filtering, heating and air conditioning is standard as well as tinted windows to minimize heat radiation and reflections to keep the operator in an optimal climate. There are window wipers and washers on both the front and rear windows and the right cab window is openable for communication and positioning mirrors which together with interior light making it possible to work in all conditions. The platform is vibration dampened to limit the amount of vibration transfer from the drum to body of the operator. This insulation coupled with the curved design on the front window help to mitigate the noise level.

Additionally, the safety cab features external traffic mirrors, 3" seat belt, rotating beacon and radio with USB/MP3 and Bluetooth connection as standard.
All the features available for ROPS platforms are still available like two different seats, fire extinguisher and driving lights.

TECHNICAL DATA

SMALL SOIL ROLLER

TECHNICAL DATA	CA1300D	CA1300PD	CA1400D	CA1400PD
Operating mass incl. Cabine, kg	4950	4900	6650	6650
Drum width, mm	1370	1370	1676	1676
COMPACTION				
Static linear load, kg/cm	13	n/a	20	n/a
Vibration frequency, Hz	35 (ECO: 30)	35 (ECO: 30)	32	32
Vertical oscillation	±9°	±9°	±9°	±9°
TRACTION				
Speed range (Dual/TC/AS), km/h	0-6	0-6	0-10	0-10
Max. theoretical gradeability	55 %	52 %	56 %	50 %
ENGINE				
Manufacturer/ Model	Yanmar 4TNV98CT-PDCE	Yanmar 4TNV98CT-PDCE	Kubota V3307 CR-TE5 or V3307 CR-TE4	Kubota V3307 CR-TE5 or V3307 CR-TE4
Emissions according to	Stage V / Tier 4f	Stage V / Tier 4f	Stage V / Tier 4f	Stage V / Tier 4f
Rated power, SAE J1995	54 kW (72 HP) @ 2250 rpm	54 kW (72 HP) @ 2250 rpm	55 kW (75 HP) @ 2200 rpm	55 kW (75 HP) @ 2200 rpm
Type	Water cooled Turbo Diesel	Water cooled Turbo Diesel	Water cooled Turbo Diesel	Water cooled Turbo Diesel
Fuel tank capacity, l	117	117	117	117