

PRESS RELEASE FROM DYNAPAC CONSTRUCTION EQUIPMENT

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Dynapac introduces the new roller range of CC1100/CC1200, a part of the sixth generation of small asphalt rollers.

The new CC1100/CC1200 VI is designed to meet the construction industry's tough conditions with the operator in mind resulting in a robust, comfortable and modern machine for best compaction results. The new machine has a unique design with its cross-mounted engine in combination with excellent visibility and massive casted forks with built-in flexible lifting/towing/tie down possibilities.

Visibility

By moving the water tank to the rear part of the machine, we have developed a unique design with a cross-mounted engine in combination with excellent visibility over the drums. The robust engine hood is designed for optimal view over the front drum. The sliding seat of 8.3 in (210 mm) in combination with the engine hood design gives the operator the best sliding possibilities and visibility on the market. The ROPS-mounted working lights in LED will provide excellent visibility during paving.

Dynapac Road Construction Equipment

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Performance

A mechanical adjustable off-set function is available on this new generation. By adjusting the rear frame to the left off-set of the front drum is achieved up to 2 in (50mm). Off-setting the front drum makes it easier to compact close to walls and curbs without risk of damages of the machine. The drums have tapered drum edges giving the compaction result a smooth surface without marks. The increased drum diameter ensures the asphalt is not shoveling in front of the drum creating transversal cracks.

All rollers include efficient eccentrics guaranteeing optimum powerful performance in the vibration start-up process. The machine features high frequency compaction with the possibility to choose between dual frequencies depending on different conditions and applications. An optional front right mounted edge presser/edge cutter is available as well as an optional rear mounted chip spreader. The edge cutter and chip spreader are maneuvered with buttons in the forward/reverse lever.

The machine models are also available in a combi-version with 4 static rubber wheels at the rear.

Reliable water system

The water system is one of the most important systems on an asphalt roller. The design of the pressurized sprinkler system facilitates a smooth and reliable compaction with maximum uptime. The rollers are equipped with a sprinkler system and easily accessible sprinkler pump and filter (above the rear drum) and sprinkler bars including three sprinkler nozzles on each drum. Automatic Water Control (AWC) is standard on all machines. A 3-stage filtration system ensures clean water and prevents clogged sprinkler nozzles. The sprinkler timer helps the operator in saving water by adjusting the sprinkler intervals which means reduced downtime for water-refilling. The water tank's volume is as much as 205 liters/54 gal. All this together means less down-time for the operator.

Operator's efficiency and comfort

Designing the new generation with the operator in mind has resulted in a comfortable and modern operator's environment. The spacious and vibration damped operator platform enables good operator comfort even during long working days, thereby increasing the quality of the job. A new comfort seat is available with weight adjustment, armrests and optional seat-heating. The forward and reverse lever is following the sliding seat for even better ergonomics and better control. An optional dual forward and reverse lever enables even better ergonomics and control over the compaction process. The new instrument-panel with keypad buttons and a display showing the most important functions enables the driver to operate the roller in a controlled way. A small storage box under the seat as well as a cup/can holder on the operator platform facilitates drivers comfort. An optional canopy protecting the driver from different weather conditions facilitates operator's efficiency. The canopy is foldable for easy transportation.

Easy transportation

Fast and easy transportation between jobsites increases the operator's time efficiency. The design has resulted in flexible lifting/tie down/towing possibilities built-in in the casted forks thus enabling fast and easy transportation. An optional central lifting point is available which makes the transportation between jobsites easier. The foldable ROPS fold with ease. The total machine length including the ROPS is 94.5in (2400 mm) which means the machines can be cross-loaded on a truck enabling twice as many rollers can fit on a truck.

Safety

Interlock is standard on all machines ensuring no accidental starting. Failsafe brakes applies automatically if needed. The separate parking brake switch on the instrument panel helps preventing accidental activating. The operator platform is lowered making it easy to enter the machine, this in combination with an ergonomic footstep and sturdy handgrips makes the machine safe to enter.

T4-final ready and Stage V prepared engines

Sustainability is one of Dynapac's cornerstones. Having sustainability and working environment in mind under the developing process resulted in the latest emission reduction technology to fulfill the worldwide emission regulations. The range is powered by durable, fuel-efficient Kubota diesel engines which reach unbeatable performance with maximum up-time. We offer engine alternatives which meets the engine emission regulations worldwide. For the North American markets, we offer a 28kW/-37.5 hp T4f Kubota engine with a DPF after-treatment system alternatively a somewhat lower horse-powered 18,5 kW/25 hp machine fulfilling the T4f emission legislations without the cost and complexity of an after-treatment system.

Great serviceability

The design of the machines contributes to great serviceability. Easy accessible daily service-points and contribution to great serviceability has been a target during the design process. The result is a machine with very good serviceability.

The engine hood opens wide for best accessibility. The engine is cross-mounted for optimal serviceability. The major daily service-points under the hood are on the right side. All hydraulic hoses are easy accessible. It is easy to reach sprinkler nozzles, water-pump and filter for the watering system. The sprinkler pump and filter are easy accessible behind a cover above the rear drum.

Dynapac is a leading supplier of high tech soil and asphalt rollers, pavers and milling equipment, committed to strengthen customer performance. Dynapac is represented worldwide via its own regional sales and service offices, and also cooperates with an extensive and professional distribution network. Headquartered in Wardenburg, Germany, Dynapac has production facilities in Europe, South America, and Asia. Dynapac is part of the FAYAT Group. Dynapac North America customer support and distribution is located in Rock Hill, SC. www.dynapac.us.

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