PRINOTH AND CATERPILLAR

BUILT TO PERFORM IN TOUGH ENVIRONMENTS



CUSTOMER:
Prinoth Ltd

PRINOTH MACHINES:
Panther T14R and Panther T9R

SCOPE OF ENGINE USE:
CAT® C7.1 and C4.4

LOCATION:
Grandy, Quebec, Canada

CAT DEALER:
Toromont

Wherever conditions are the most challenging, Prinoth is there to produce heavy equipment capable of tackling a wide range of jobs. Prinoth specializes in machines with track drives, designing and building crawler carriers, vegetation management machines and snow groomers that can operate on difficult and remote worksites.

MACHINES BUILT FOR EVERY APPLICATION

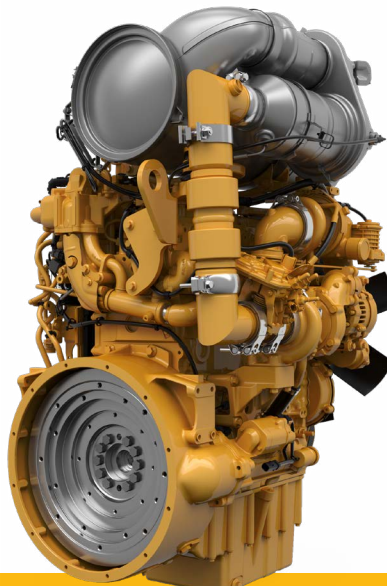
Prinoth crawler carriers are essential pieces of equipment when up against tough terrain and extreme conditions on construction jobs, disaster-relief sites and off-road projects. “We provide tools for hard jobs where no one else wants to go,” says Prinoth Crawler Carriers Product Manager Frank Gangi. “Operators will use crawlers to put mats in place and build infrastructure so other equipment can operate on a jobsite with difficult terrain.” Crawlers are adept at working in muddy, marshy environments, and their engines are positioned high on the chassis for work on riverbanks and in shallow water.

Crawlers not only allow operators to access hard-to-reach worksites but also have the versatility needed to get the job done once they get there. Gangi says, “Crawlers can be used as dirt trucks. They’re used in conjunction with hydroseeders for landscaping. They’re used to support power electric operations. They have an incredible scope of use.” Known for their off-road hauling capacity, maneuverability and control, crawlers can provide added performance across a wide range of industries and applications.

A NEW SPIN ON CRAWLER CARRIERS

The advantage of the Panther T9R and Panther T14R is in their design as rotating crawler carriers. These tracked vehicles have a 360° rotating dump body that eliminates the need to reverse or reposition, helping operators complete projects with increased safety and efficiency. The machines are also designed to move faster, saving operators time getting from one jobsite to the next.

The Panther T9R is a more compact machine for jobsites with less space, such as urban construction sites, narrow access routes or confined work areas. It can match the cycle time of smaller excavators. Prinoth states the T9R offers more precision, better fuel consumption and lower maintenance requirements than larger machines.



POWER PROFILE

In 2016, Prinoth introduced the Panther T14R to meet demands for larger capacity crawler carriers. Prinoth claims the T14R has one of the highest payloads at 14 tons, as well as the fastest speed and lowest ground pressure in its class, making it engineered for high performance. “The T14R put Prinoth on the map in the construction industry. The T14R was well-thought-out, and we are very proud of it,” says Gangi. Since its introduction, there have been numerous upgrades made to the T14R, including a redesigned cab with more comfort, enhanced features and an additional seat.

The T9R and T14R crawlers are used regularly for hauling dirt, gravel and rocks. The T9R and T14R were also developed with a second engine power takeoff (PTO) connection that allows them to power additional equipment placed on the deck. “The second PTO is a huge advantage for us and our rental customers,” says Gangi. “Our outfitters and OEMs can power equipment directly from the same engine.”

ENGINES THAT CAN CARRY THE WEIGHT

It takes a powerful engine to power such tough equipment. Prinoth uses Caterpillar engines for the majority of its crawler carriers. The T9R is powered by the Cat® C4.4 EU Stage V engine, and the T14R is powered by the Cat C7.1 EU Stage V engine.

“Cat engines are so well-known in the industry for support, performance and reliability,” says Gangi. “It’s a big benefit for us to be able to say to our customers and dealers that we use Cat engines.”

Another benefit of Cat engines is their small but power-dense footprint. Their more compact size helps T9R and T14R crawlers minimize ground pressure and reduce soil compaction. The result is a lower impact on the remote environments where Prinoth machines work, enabling them to return to their natural state quicker.

A NETWORK THAT COVERS ALL CORNERS OF THE MAP

A big reason Prinoth favors Caterpillar engines is the Cat dealer network. The T9R and T14R are sold on four continents, making Cat service capabilities a huge plus. “One of the main reasons we like working with Caterpillar is the extent of its service network,” says Gangi. “If our customer in Japan or Europe has a problem, no matter where they are in the world, Caterpillar has a high-quality solution for us.”

Toromont, Prinoth’s Cat dealer, worked with Prinoth to help develop its line of crawler carriers. “Toromont has always been there for us,” says Gangi. “They support our engineering, including the design of our crawlers.” As Prinoth rotating crawler carriers continue to evolve, Caterpillar will be there to provide engines designed to perform.



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