

# ON TRACK FOR CONTINUED SUCCESS



**MOROOKA**

**LOCATION:**

Ashland, Virginia

**SCOPE OF ENGINE USE:**

Cat® C4.4, C7.1 and  
C9.3 Industrial Engines

**CAT DEALER:**

Carter Machinery Company

[www.morookacarriers.com](http://www.morookacarriers.com)

## MOROOKA MACHINES ARE CAT® POWERED FEATS OF SCIENCE & TECHNOLOGY

Where the earth is soft or muddy, equipment movement can be tricky. Traditional dump trucks simply are not effective, because truck tires will depress and get stuck in wet, soft areas. That's why Morooka rubber-track carriers are the ideal solution for conquering unstable ground conditions. Essentially large dump trucks outfitted with rubber tracks, these workhorses can do what other machines can't – deliver excellent traction with maximum load capacity.

Used in the oil and gas, environmental and construction industries, Morooka rubber-track carriers are built on the company's original floating bogey undercarriage system. This unique system absorbs the impacts of uneven surfaces and also ensures that the rubber tracks always maintain contact with the ground. As a result, each carrier delivers a stable, smooth ride to help minimize operator fatigue, maximize productivity and mitigate stress on machinery components to help extend equipment life.

In recent years, as Morooka implemented planned modifications to its carriers to meet new emissions standards, the company decided that only Cat® engines would be used in redesigned models. "Morooka has a history of successfully using Cat engines," says Ken Byrd, president of Morooka USA, "and the Cat dealer network is a huge plus for our customers." Many Morooka customers travel extensively to service right-of-way pipelines and transmission lines, handle waste management and rebuild after natural disasters.

## POWER PROFILE: MOROOKA USA

Therefore, the company relies on the Cat dealer network to service the engines in customers' machines, no matter their location. This means every customer can be confident of receiving world-class carriers backed with world-class service.

### PERSONALIZED FOR EACH MACHINE

Morooka manufactures a complete lineup of rubber-track carriers that can be customized easily for specific applications. Depending on which model is used, customers may be able to add a water tank, a fuel tank, a hydro seeder, a straw blower, pressure-washer and vacuum equipment or even a personnel carrier.

Morooka's two newest carriers are the MST2200VDR and the MST3000VD. The MST2200VDR is designed with a versatile platform that can be utilized as a dumper or a carrier and can be maneuvered easily in tight spaces. Featuring an upper structure that revolves a full 360 degrees, this machine allows an operator to deposit a load exactly where it is needed and then return to the load site without spinning the undercarriage. Another popular model is the MST3000VD, which is the number one rubber-track carrier in the rental market and is often used for pipeline applications.

The original configurations of both carriers had been built around Cat engines, so when it came time to develop new, improved models, Morooka turned to Cat dealer Carter Machinery for expert assistance. Carter Machinery began by analyzing Morooka's engine requirements and then recommended the compact yet robust Cat C7.1 industrial engine.

The Cat C7.1 is offered in ratings from 129-225 kW (172-302 bhp) @ 2200 rpm and meets U.S. /EPA Tier 4 Final, EU Stage V emissions standards. Boasting one of Caterpillar's most modular engine designs to date, the Cat C7.1 also features an engine-mounted aftertreatment that allows Morooka to save valuable time and space during integration and installation stages.

Once the C7.1 engine was selected, Morooka redesigned the MST2200VDR and MST3000VD around the engine and worked closely with Caterpillar engineers to ensure a seamless installation process. Tier 4 Final testing on both the MST2200VDR and the MST3000VD led to additional improvements, thereby enhancing the Morooka experience. Today, both Cat powered rubber-track carriers are sought-after machines that offer reliability, versatility and high resale value.



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USING CAT  
ENGINES.”**



**LET'S DO THE WORK.™**

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