YOU’LL FIND YOUR RTG IN THIS FAMILY

From the creator of the modern RTG

2,300+ RTGs delivered
This RTG family has it all
THE OPERATING CONCEPT

You have a choice of operating concepts in the Konecranes RTG family. It covers the operator experience and the load control technology. It also covers the path to port automation, where you can improve productivity and safety in manageable steps. From smart features up to full automation, the path can include supervised operation and remote operation to smoothly introduce the power of automation. The path to port automation applies to all container handling equipment brands. Full automation can be the final goal but it doesn’t have to be. Flexibility is the key.

<table>
<thead>
<tr>
<th>FOR INLAND LOGISTICS</th>
<th>THE STEADY PERFORMER</th>
<th>THE BEST PERFORMER</th>
</tr>
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<tbody>
<tr>
<td><strong>Konecranes BOXHUNTER</strong></td>
<td><strong>Konecranes Noell RTG</strong></td>
<td><strong>Konecranes RTG</strong></td>
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<tr>
<td>The operator experience</td>
<td>Ground cabin, video feeds</td>
<td>Traditional cabin</td>
</tr>
<tr>
<td>The load control</td>
<td>Electrical anti-sway</td>
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<tr>
<td>The path to port automation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smart Features available</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Supervised operation available</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Remote operation available</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Full automation with performance guarantee available</td>
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</tbody>
</table>

Remote operation available for all

“We typically have an STS:RTG ratio of 1:2 and we are averaging 31-33 moves/hr these days.”
Georgia Ports Authority, USA
The Core of Lifting is the integrated package of gear reducers, motors and controls that is designed and made by Konecranes in-house specifically for RTG lifting motions. We design the key components, the software and the interaction between them, specifically for lifting. It's correctly dimensioned for the work RTGs do, giving greater eco-efficiency and reliability.

The Core of Lifting

- Konecranes motors
- Konecranes gear reducers
- Konecranes inverter drives

**FOR INLAND LOGISTICS**

| Konecranes BOXHUNTER | 100%
|----------------------|---------
| Konecranes motors    | ✓       
| Konecranes gear reducers | ✓     
| Konecranes inverter drives | ✓   

**THE STEADY PERFORMER**

| Konecranes Noell RTG | 67%
|----------------------|---------
| Konecranes motors    | ✓       
| Konecranes gear reducers | ✓     
| Konecranes inverter drives | ✓   
| Selectable           | ✓       

**THE BEST PERFORMER**

| Konecranes RTG | 100%
|----------------|---------
| Konecranes motors    | ✓       
| Konecranes gear reducers | ✓     
| Konecranes inverter drives | ✓   

5 YEAR EXTENDED WARRANTY*

* The Konecranes Core of Lifting components for RTGs comprise the Konecranes motors, gear reducers and inverter drives, for which we offer an extended warranty of 5 years.
This RTG family has it all
POWERED BY ECOLIFTING

Powered by Ecolifting is Konecranes’ vision to minimize the footprint and increase the handprint of RTGs working at its customers’ terminals. This encompasses a complete range of diesel-electric and fully electric power options that are retrofittable to Konecranes RTGs and all other RTG makes.

BOXHUNTER has a system of counterweights that reduces energy costs because it eliminates the weight of the spreader – amounting to a 25% lighter load with every lift.

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</tr>
<tr>
<td>Number of wheels</td>
<td>16 wheels</td>
<td>8 or 16 wheels</td>
</tr>
<tr>
<td>Diesel Fuel Saver</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Hybrid Power pack</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Cable Reel</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Busbar</td>
<td>✓</td>
<td>✓</td>
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A Konecranes Noell RTG in action with an additional power option: overhead electrical trolley power.

Busbar system in action with Konecranes RTGs at the Garden City Terminal, Port of Savannah, Georgia Ports Authority (GPA), USA. There are over 160 Konecranes RTGs working at this terminal, the largest single container terminal in the USA.

Konecranes RTG at DP World Yarimca in Turkey, in fully electric operation powered by a cable reel system.

BOXHUNTER has a system of counterweights that reduces energy costs because it eliminates the weight of the spreader – amounting to a 25% lighter load with every lift.
This RTG family has it all

THE REFERENCES

FOR INLAND LOGISTICS
Konecranes BOXHUNTER

Seven sites around the world

BOXHUNTER is the RTG re-invented for inland logistics. Now, for the first time in an RTG, the operator sits and works in an ergonomic heads-up position. And he’s working in a cabin down at the truck lane, with direct line-of-sight to the main truck loading and unloading action.

Now the operator climbs into the cabin in seconds — it’s similar to climbing into a truck cabin. This saves considerable operational time over the course of a year and dozens of RTGs. The operator tilts the controller forward, finds a comfortable heads-up sitting position, sets his fingers on the controls, and gets to work. This is a huge advantage in inland logistical operations.

BOXHUNTER makes it possible to use RTGs at difficult inland locations because it’s delivered in containers, to the most hard-to-reach places.

CGM Logistics in Myanmar operates BOXHUNTER at a special inland logistics facility. BOXHUNTER is part of a new business concept, where customers rent storage space in portions of containers that are stored in an outdoor yard. The operator’s ability to jump in and out of the machine at ground level is central to the concept.

The Port Authority of the Cayman Islands (PACI) operates Konecranes BOXHUNTER RTGs at this inland storage facility on Grand Cayman. The cranes were delivered in 33 containers and swiftly commissioned. They’re equipped with Smart Features that speed up the positioning of containers and increase their landing accuracy for fast cycle times.

Konecranes Noell RTGs at Bintulu Port, Malaysia. They are 8-wheel RTGs fitted with the Konecranes Core of Lifting for hoisting, trolley and gantry movement. Bintulu Port is East Malaysia’s largest container port and the nation’s only liquefied natural gas (LNG) export gateway. It’s one of the largest LNG export terminals in the world.

FOR INLAND LOGISTICS
Konecranes Noell RTG

Over 900 working around the world, these are highlights

Konecranes Noell RTGs at Dinh Vu Port, Haiphong, Vietnam. They are 8-wheel RTGs lifting 1-over-5 containers high, and fully electric powered by cable reels.

Part of a fleet of Konecranes Noell RTGs working at PSA’s Bharat Mumbia terminal, India. This terminal is located in Jawaharlal Nehru Port in Maharashtra, India’s largest container gateway.
This RTG family has it all

THE REFERENCES

THE BEST PERFORMER
Konecranes RTG

Over 1,250 working around the world, these are highlights

The DP World Yarimca terminal in Turkey has a fleet of Konecranes RTGs in manual operation. They have retrofitted two of these RTGs to remote operation, and they are now working successfully.

DCT Gdansk, Poland’s only deep-sea container port, operates a fleet of Konecranes RTGs with a high level of smart features.

The Port of Savannah, operated by the Georgia Ports Authority (GPA), has a fleet of 160+ Konecranes RTGs in its Garden City terminal. It has been expanding continuously for many years and is now the single largest container terminal in the USA.

Konecranes’ automated RTG technology is established. It’s working efficiently at Terminal Petikemas Semarang in Indonesia, for example, where a fleet of 20 Konecranes ARTGs are working as a complete system including Remote Operating Stations (ROSs) and container yard infrastructure.

50+ Konecranes ARTGs delivered or in order book.
From the creator of the modern RTG
You'll find your RTG in this family
For more information on the Konecranes RTG product family:
konecranes.com