

EN

**nokian<sup>®</sup>**  
**TYRES**

**TIRES FOR PORTS  
AND TERMINALS**



**STEADY FLOW OF GOODS AND MATERIALS  
KEEPS THE WORLD MOVING**



## NOKIAN HTS G2 E-4

KEEP THE GOODS MOVING – EFFICIENTLY AND ECONOMICALLY

Efficient container handling requires control and stability. Nokian HTS G2 E-4 tires do their part in increasing the terminal throughput. Thanks to its innovative tread design, Nokian HTS G2 E-4 has a low heat build-up that reduces rolling resistance and fuel consumption.

### SHARP TURNS

The Nokian HTS G2 E-4 tire features supported blocks with chamfered edges that improve turning properties.

### MORE STABILITY

In great reaching heights, the tire stability is an important safety feature. The Nokian HTS G2 tires have all-new carcass material that improves the tire stability on the flexing area.

### LESS HEAT

The block-patterned Nokian HTS G2 E-4 tire has a very low heat build-up, so even the longest working days and hottest weathers will not stop these tires. Cool tread also delivers record-breaking operating hours.



STABILITY



BIAS  
DIAGONAL  
(BIAS TIRE)



TUBELESS



TREAD DEPTH  
INDICATOR



## NOKIAN HTS G2 L-4S

HARD-WEARING REACH STACKER TIRE WITH SLICK, SOLID TREAD

Reliability and stability are the key properties of a reach stacker tire. The Nokian HTS G2 L-4S tire features a thick and grippy tread compound that offers excellent wear resistance. Nokian HTS G2 L-4S tires keep the goods moving – efficiently and economically.

### LONG SERVICE LIFE

Nokian HTS G2 L-4S features a deep, long-lasting solid tread for extensive tire service life.

### LESS PUNCTURE DAMAGES

The Nokian HTS G2 L-4S tire has a thick, solid tread for excellent puncture resistance.

### MORE STABILITY, MORE SAFETY AND EFFICIENCY

In great reaching heights, the tire stability is an important safety feature. The Nokian HTS G2 tires have all-new carcass material that improves the tire stability on the flexing area.



COMFORT



STABILITY



BIAS  
DIAGONAL  
(BIAS TIRE)



TUBELESS



TREAD DEPTH  
INDICATOR



## NOKIAN RTG

MORE AGILITY AND DURABILITY FOR THE RTG CRANES

Specially designed to meet the demands of RTG (rubber-tired gantry) cranes, the Nokian RTG tires increase the agility and efficiency of your work. RTG cranes move heavy containers, and their wheels typically feature stationary turning which demands high power from actuators. The tire structure and tread pattern of Nokian RTG is optimized for easy turning.

### OPTIMIZED RUBBER

Terminal use puts high demands on the rubber compound. The Nokian RTG tire tread features a special rubber compound optimized for the job.

### LESS HEAT, MORE WORKING HOURS

Even in intense use, Nokian RTG has a low heat build-up that significantly slows down tire wear and gives it more operating hours.

### MORE AGILE TURNING

Smoother turning means less tire wear and better handling. Nokian RTG has a tread pattern and tire shape that allow the wheel to turn more easily.



STABILITY



DAMPING



BIAS  
DIAGONAL  
(BIAS TIRE)



TUBELESS



TREAD DEPTH  
INDICATOR



## NOKIAN HTS TUGGER

MASSIVE LOAD CAPACITY FOR TERMINAL TRACTORS

Specially designed for terminal tractors, Nokian HTS Tugger tires feature a sturdy multi-layer structure that enables both precise driving response and heavy loads. With its low profile, the Nokian HTS Tugger tire is a good choice for cramped environments with a limited vehicle height.

### TAKES HEAVY LOADS

The Nokian HTS Tugger tire boasts a sturdy multi-layer structure that enables exceptional load-bearing capacity.

### SAFE AND PRECISE

Terminal work calls for precise driving response. The Nokian HTS Tugger tire is optimized for predictable handling.

### KEEP IT LOW

The Nokian HTS Tugger tire is designed to be as low as possible without compromising other qualities, making it ideal for terminal tractor use.



<b>NAME</b>	Matt Dickinson
<b>COMPANY</b>	Fenix Marine Services
<b>LOCATION</b>	San Pedro, California, USA – Port of Los Angeles
<b>JOB</b>	Senior Manager, Terminal Management
<b>MACHINES</b>	Top handlers RTG cranes

“Previously, we gained 3500 hours of operation out of a very reputable and well-known tire. With Nokian Tyres, we are currently getting up to 10,000 hours and the lowest cost per hour.”

Matt Dickinson

When Matt Dickinson took over the Terminal Readiness Department at Fenix Marine Services in the Port of Los Angeles, his strategy was to save costs with tire choices. The key element for cost-effectiveness turned out to be the operation hours of his new tires.

Matt Dickinson wanted to drive a holistic cost saving strategy in order to get the highest quality at the lowest cost per hour. He let the data drive the decision-making process, and that is when Nokian Tyres entered the conversation.

“Previously, we gained 3500 hours

of operation out of a very reputable and well-known tire. With Nokian Tyres, we are currently getting up to 10 000 hours of operation in this arduous port environment, and the cost per hour is less than what I was paying previously.”

For Mr. Dickinson, Nokian Tyres has set the bar for quality, performance and cost. “This is one of those slam dunk decisions, and we are happy to partner with Nokian Tyres for the long haul. We have recently expanded the application to our rubber-tired gantry (RTG) cranes with equal success and cost savings.”

NOKIAN HTS G2 E-4

BIAS | TUBELESS



Size	LI / SS	PR	Recommended rim	Permitted rims	Width	Diameter	Loaded static radius	Rolling circumference	Inflation pressure for load capacity calculation	Load Capacity																Max. inflation pressure	Product code
										Forklift trucks								Other vehicles									
										Steering				Drive				Steering				Drive					
										25 km/h	15 mph	25 km/h	15 mph	35 km/h	20 mph	35 km/h	20 mph	25 km/h	15 mph	10 km/h	5 mph	0 km/h	0 mph	kg	lbs		
mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	kPa (p.s.i.)	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kPa (p.s.i.)				
14.00-24	188 / A5	28	10.00WA	10.00VA, 10.00W	390 (15.4)	1397 (55.0)	640 (25.2)	4179 (164.5)	1000 (145)	10000	22450	13000	28660	9250	20390	12500	27560	10000	22050	13000	28660	15100	33290	1000 (145)	T445710		
16.00-25	199 / A5	36	11.25/2.0	11.25/2.0 IF, 13.00/2.0	453 (17.8)	1537 (60.5)	694 (27.3)	4606 (181.3)	1000 (145)	13600	29980	17680	38980	12580	27730	17000	37480	13600	29980	17680	38980	20540	45280	1000 (145)	T445711		
18.00-25	207 / A5	40	13.00/2.5	13.00/2.5 IF, 15.00/2.5	538 (21.2)	1667 (65.6)	765 (30.1)	5100 (200.8)	1000 (145)	17500	38580	22750	50155	16190	35690	21875	48225	17500	38580	22750	50155	26420	58250	1000 (145)	T445637		
18.00-33	214 / A5	40	13.00/2.5	13.00/2.5 IF	512 (20.2)	1866 (73.5)	849 (33.4)	5649 (222.4)	1000 (145)	21200	46740	27560	60760	19610	43230	26500	58420	21200	46740	27560	60760	32010	70570	1000 (145)	T445662		

NOKIAN HTS G2 L-4S

BIAS | TUBELESS



Size	LI / SS	PR	Recommended rim	Permitted rims	Width	Diameter	Loaded static radius	Rolling circumference	Inflation pressure for load capacity calculation	Load Capacity																Max. inflation pressure	Product code
										Forklift trucks								Other vehicles									
										Steering				Drive				Steering				Drive					
										25 km/h	15 mph	25 km/h	15 mph	35 km/h	20 mph	35 km/h	20 mph	25 km/h	15 mph	10 km/h	5 mph	0 km/h	0 mph	kg	lbs		
mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	kPa (p.s.i.)	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kPa (p.s.i.)				
18.00-25	207 / A5	40	13.00/2.5	13.00/2.5 IF, 15.00/2.5	538 (21.2)	1667 (65.6)	765 (30.1)	5100 (200.8)	1000 (145)	17500	38580	22750	50155	16190	35690	21875	48225	17500	38580	22750	50155	26420	58250	1000 (145)	T445638		
18.00-33	214 / A5	40	13.00/2.5	13.00/2.5 IF	519 (20.4)	1860 (73.2)	849 (33.4)	5667 (223.1)	1000 (145)	21200	46740	27560	60760	19610	43230	26500	58420	21200	46740	27560	60760	32010	70570	1000 (145)	T445663		

NOKIAN RTG

BIAS | TUBELESS



Size	LI / SS	PR	Recommended rim	Permitted rims	Width	Diameter	Loaded static radius	Rolling circumference	Inflation pressure for load capacity calculation	Load Capacity																Max. inflation pressure	Product code
										Forklift trucks								Other vehicles									
										Steering				Drive				Steering				Drive					
										25 km/h	15 mph	25 km/h	15 mph	35 km/h	20 mph	35 km/h	20 mph	25 km/h	15 mph	10 km/h	5 mph	0 km/h	0 mph	kg	lbs		
mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	kPa (p.s.i.)	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kPa (p.s.i.)				
14.00-24	186 / A5	28	10.00W	10.00WA, 10.00VA	392 (15.4)	1363 (53.7)	629 (24.8)	4147 (163.3)	1000 (145)	9500	20945	12350	27225	8790	19380	11875	26180	9500	20945	12350	27225	14345	31630	1000 (145)	T445471		
18.00-25	207 / A5	40	13.00/2.5	13.00/2.5 IF, 15.00/2.5	548 (21.6)	1665 (65.6)	746 (29.4)	5014 (197.4)	1000 (145)	17500	38580	22750	50155	16190	35690	21875	48225	17500	38580	22750	50155	26420	58250	1000 (145)	T445468		

NOKIAN HTS TUGGER

RADIAL | TUBELESS



Size	LI / SS	PR	Recommended rim	Permitted rims	Width	Diameter	Loaded static radius	Rolling circumference	Inflation pressure for load capacity calculation	Load Capacity																Max. inflation pressure	Product code
										Forklift trucks								Other vehicles									
										Steering				Drive				Steering				Drive					
										25 km/h	15 mph	25 km/h	15 mph	35 km/h	20 mph	35 km/h	20 mph	25 km/h	15 mph	10 km/h	5 mph	0 km/h	0 mph	kg	lbs		
mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	kPa (p.s.i.)	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kPa (p.s.i.)				
315/60R22.5	174 / A5		9.00	9.75	302 (11.9)	1149 (45.2)	948 (37.3)	425 (16.7)	2890 (113.8)	1000 (145)	6700	14770	8700	19180	6200	13670	8400	18520	6700	14770	8700	19180	10100	22270	1000 (145)	T445221	

NOKIAN ARMOR GARD

BIAS | TUBELESS



Size	LI / SS	PR	Recommended rim	Permitted rims	Width	Diameter	Loaded static radius	Rolling circumference	Inflation pressure for load capacity calculation	Load Capacity																Max. inflation pressure	Product code		
										Forklift trucks								Other vehicles											
										Steering				Drive				Steering				Drive							
										25 km/h	15 mph	25 km/h	15 mph	35 km/h	20 mph	35 km/h	20 mph	50 km/h	30 mph	40 km/h	25 mph	25 km/h	15 mph	10 km/h	5 mph			0 km/h	0 mph
mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	kPa (p.s.i.)	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kPa (p.s.i.)				
12.00-20	175 / A5	20	8.5	9.0	329 (13.0)	1149 (45.2)	516 (20.3)	3393 (133.6)	1000 (145)	6900	15210	8970	19775	6385	14075	8625	19015	5800	12785	6145	13545	6900	15210	8970	19775	10720	23630	1000 (145)	T445459