

# AF30N - AF50N Nomad Series



## Engine-Powered Forklifts

LP & Dual Fuel  
Pneumatic Tire  
3,000 / 3,500 / 5,00 lbs.  
Capacities

**UNI CARRIERS**  
FORKLIFT

# NEVER QUIT.

YOUR JOB DOESN'T STOP, AND NEITHER SHOULD YOUR FORKLIFTS.  
THAT'S WHERE WE COME IN.

Your application isn't just picking product from aisles upon aisles. There's rough terrain, rain and dirt and moving that product where it needs to go all while operators have tons of other tasks that still need doing to keep the business moving.

Flexibility is the name of the game. And that's where the Nomad excels.

Power:

LP & Dual Fuel

Maneuverability:

Tight turning radius for easy handling in confined spaces.

Environment:

Built for mixed indoor/outdoor use, including docks and rougher surfaces.

Travel Distance:

Suitable for both short shuttles and longer facility runs.

Lift:

Max fork height of 130" in.



## Nomad Series In Your Application

Performance, reliability, control, safety and comfort – the Nomad incorporates them all to excel in a wide-range of fast-paced industrial applications, such as:

- Rental Operations
- Unique or Limited Space Applications
- Seasonal Retail Sales
- Nurseries / Garden Centers
- Home Improvement Stores

# Reliability: YOUR FORKLIFT NEEDS TO BE READY WHEN YOU NEED IT. UPTIME IS NOT OPTIONAL.

When it comes to keeping your operation up and running, the Nomad Series offers you significant advantages, beginning with a reliable cooling design, service reminders and longer maintenance intervals. Throughout the Nomad you'll find innovative and proven protection and warning systems to help you maximize uptime, while minimizing cost.

## 800 hours Longer Preventative Maintenance Intervals

With the Nomad Series, most major service intervals are only required every 800 hours, reducing labor and lowering your operating costs.

## Easy LP Tank Changes

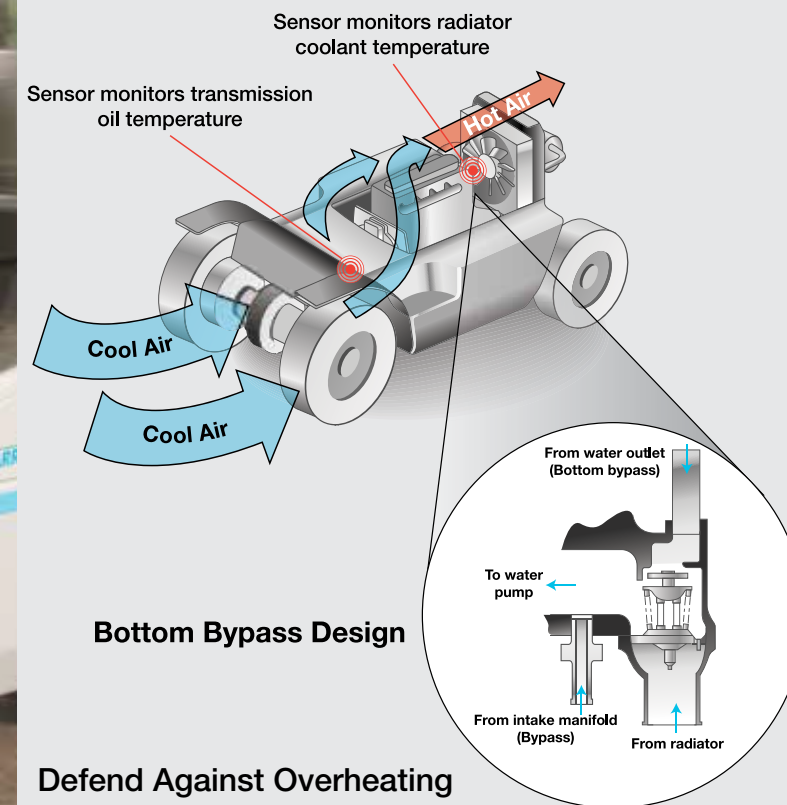
With our simplified LP replacement system, an optional bracket swings out 90°, then pulls down to a manageable height, for faster, easier tank replacement. *Not available on all models.*



A standard **parking brake transmission interlock** keeps the forklift in neutral and prevents the operator from driving while the parking brake is engaged to protect the brakes and transmission and reduce premature brake wear.

Inhibit operators from shifting at high speeds with our **SmoothShift** system. This option limits transmission shock and excessive wear — and extends service life too.

Keep your starter and battery healthy with a **starter interlock**. This optional equipment **protects the forklift's starting system** by restricting repeated attempts to start the engine when the LP system is out of fuel.

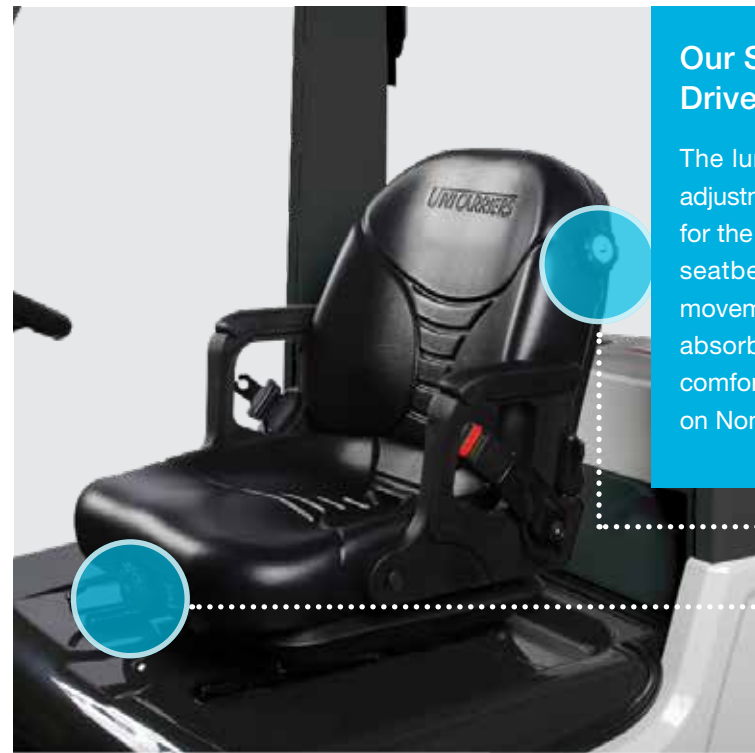


## Defend Against Overheating

Our reliable cooling system includes an electronic engine protection and warning system that **monitors radiator fluid and transmission oil temperatures at all times**. This system also contains a field-proven bottom bypass design with thermostat to **prevent hot spots and prolong engine life**. And its large 10-blade fan and aluminum radiator produce effective cross-flow cooling.

# Comfort: YOUR OPERATOR SHOULD BE AS PRODUCTIVE AT THE END OF THE SHIFT AS AT THE BEGINNING.

Driving a forklift can be both physically and mentally fatiguing, which can impact the well-being of your operators, the safety of your facility and the productivity of your operations. Our proven, ergonomic designs optimize the comfort, visibility and performance of your operators.



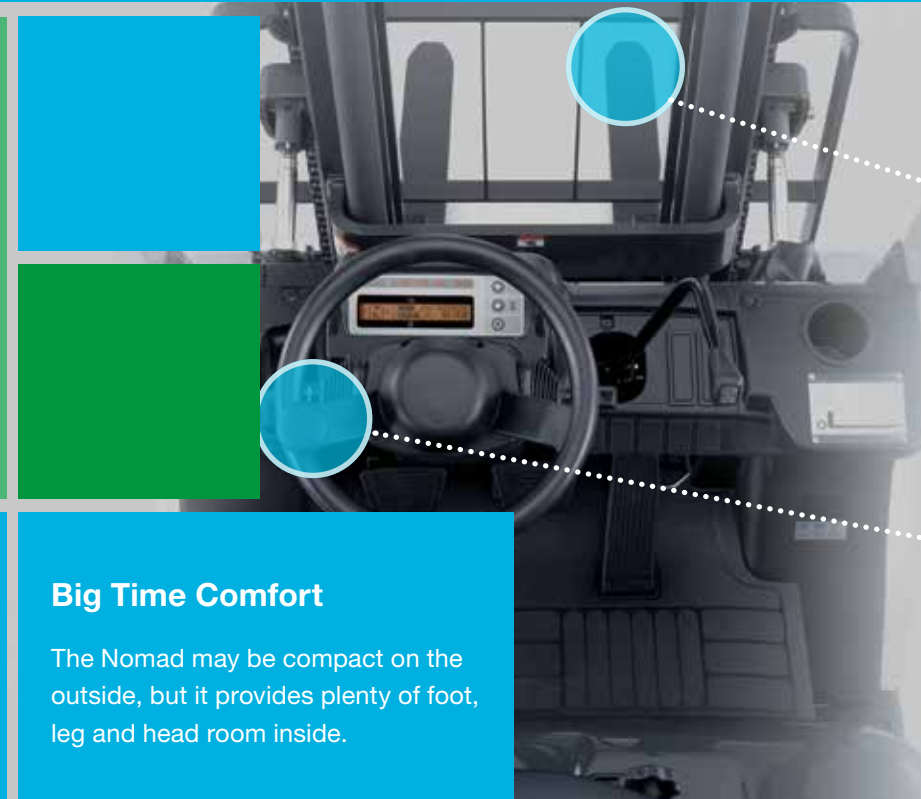
## Our Seat Supports Your Driver and Your Productivity

The lumbar support and weight adjustments create customized comfort for the operator, while a non-cinching seatbelt allows a wider range of movement. The full suspension design absorbs shocks for a smoother, more comfortable ride — and it's all standard on Nomad Series forklifts.

### Lumbar support adjustment

### Weight adjustment

Seat and backrest cushions can be individually replaced for enhanced savings.



## Better Fork Tip Visibility

Controls are ergonomically placed across a low profile cowl, making visibility while picking up loads easier for a variety of operator heights.

## Add a Spinner Knob for Easier Handling

Operators love this optional feature because it gives them even easier control behind the wheel.

## Big Time Comfort

The Nomad may be compact on the outside, but it provides plenty of foot, leg and head room inside.



## Superior Visibility

A standard high-visibility carriage and your choice of an OptiView®, triple stage or wide-view mast — together these features produce clear sightlines for both loading and moving.



## Convenience at Your Fingertips

Standard automotive-style controls are located on either side of the steering column for accessibility and intuitive operation.



## Improved Control and Security

Maneuverability during reverse driving is easier with an optional secure assist grip. And it helps keep the operator's hand inside the compartment where it belongs. A horn button is included.

# Performance: YOUR APPLICATION DESERVES BOTH POWER AND EFFICIENCY.

The reliability, power and performance of the legendary EK21 engine are at the heart of the Nomad — and only UniCarriers offers a transmission designed and paired to the EK21. The result is an ideally optimized powertrain that delivers more torque at lower RPMs, exceptional efficiency, greater fuel economy, ultra low exhaust emissions — and a lifetime of enduring value.

The Nomad puts an end to the waste of time, space and trouble of setting up staging areas and transferring loads. It is truly a hybrid that combines the best of both cushioned tire and pneumatic tire models to reduce cycle times, increase efficiency and maximize the productivity of your operation.

## Solid Performance Advantages

The solid pneumatic tires enable the Nomad to work on a variety of surfaces — from the factory floor to the loading dock and work yard. The Nomad also maintains higher capacity retention than similarly sized pneumatic forklifts while it virtually eliminates flat tires.

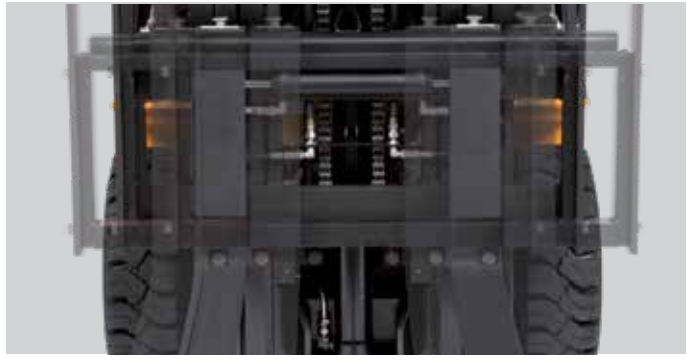
## Amazing Agility

A small steering wheel, compact frame size and intuitive controls add to the Nomad's extraordinary ability to maneuver within confined areas of the warehouse.



Get up to 8% tighter turning radius without sacrificing capacity.\*  
**72.6-87.5**  
INCHES

**Outmaneuvers the Competition**  
A shorter frame combined with a wider, shorter wheelbase creates a tighter turning radius and the precise maneuverability of a cushion tire truck, without sacrificing capacity.



## Smooth Operators

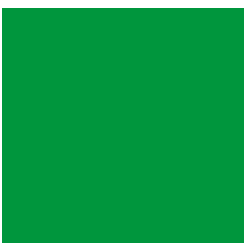
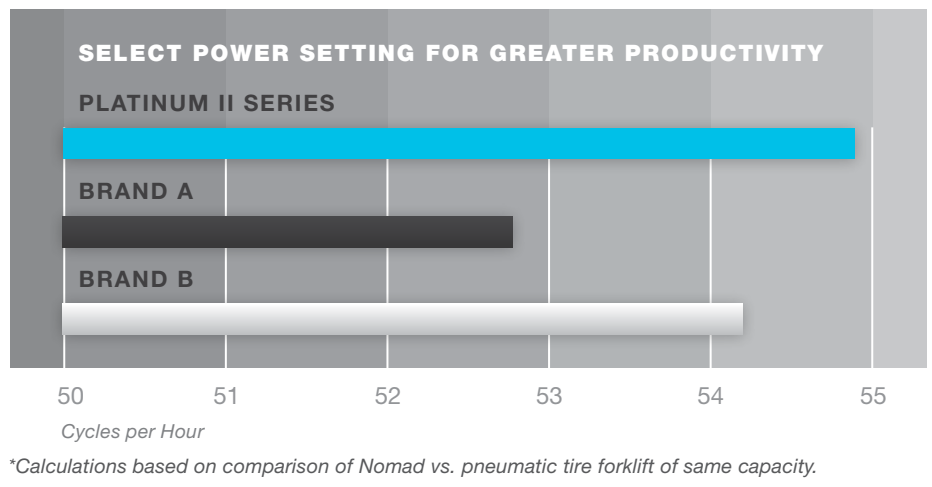
With our optional integral side shifter, your operator requires fewer moves to store and retrieve loads — this time-saving feature also minimizes capacity loss versus hang-on designs.



## Save More, Waste Less

With the Nomad's **standard LPM<sub>ax</sub> System** nearly every drop of liquid LP is used thanks to its reliable and timely low fuel warning, **reducing early tank replacement and saving you money.** An average 8-minute\* warning means the operator can maximize productivity — instead of lugging an empty tank to the refill station.

The Nomad's standard Power setting allows you to achieve maximum performance — and an annual productivity increase of up to 2500 cycles per truck.  
*Study findings are based on a 1200-hour usage*



## Built for Rugged Dependability

Solid steer axles and thick steel front fenders provide protection against harsh work environments.



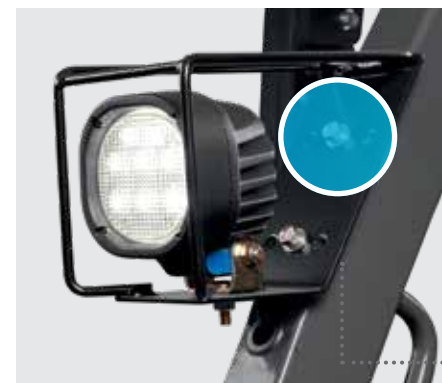
## Dual-Fuel Flexibility

The Dual-Fuel model's EK21 engine is powered by gas or LP — for high power and low emissions indoors and out.

# Safety: YOUR STAND-UP COUNTERBALANCE SHOULD PROTECT ITS OPERATOR, ITS LOAD AND ITSELF.

## Extra Protection Without Extra Expense

In the event of excessive heat or loss in engine oil pressure, our **Powertrain Protection System** reduces engine RPM, for longer engine and drivetrain life. This great feature is standard on Platinum II Nomad Series models, versus competitive forklifts requiring a costly add-on.



### Long Life LEDs

Everything about the Nomad is designed for longer life and greater savings, including the standard LED headlights that deliver greater visibility while being more economical and cost-effective over the life of the machine.

### Repositionable Headlights



### Our Overhead Guard Reduces Your Overhead

Beyond ample headroom, the five-piece overhead guard takes **75% less time to make needed replacements** versus competitors' single-piece, welded-on guards. That cuts downtime and costs.

### Reduce Tire Wear & Save Fuel

Our power/economy controlled acceleration feature restricts the acceleration rate to **maximize fuel economy and minimize tire spin**. Gradual acceleration is also **useful when moving fragile loads or operating in confined areas**. Three design choices for this option offer increasingly more **security against tampering**: toggle switch, key switch or set internal parameters to keep this feature activated.

### Seeing is Believing

Cylinders are positioned behind the mast rails resulting in fewer visual obstructions for the operator. Ideal for facilities that transport delicate loads, our optional OptiView® mast makes fork positioning and load handling easier.



### Make a Positive Impact

A variety of optional impact sensors are available to record each time the forklift comes into contact with a stationary object, allowing you to respond accordingly.

# Control: YOUR PRODUCTS DESERVE PURE PRECISION. WE PUT IT AT YOUR FINGERTIPS.

## The Ultimate in Control

The interactive meter panel on the Platinum II Series provides operators and technicians with a wealth of information through its LCD warnings and readouts. A visual indicator for its return-to-neutral feature shows the forklift's transmission direction.



Our multi-function display provides an at-a-glance view of critical functions:

- Multipurpose warning
- Check engine warning
- Oil pressure warning
- Charge warning
- Parking brake warning
- Seatbelt warning
- Directional indicator
- Fuel & water temperature gauges
- Multi-function display:
  - Hour meter
  - Clock/calendar
  - Speedometer
  - Programmable service reminder
  - Error codes

## Find Your Top Travel Speed Easier



With an optional speed switch, drivers can **toggle from a high speed pre-set in one area then select a low speed**, confident they are adhering to corporate requirements\*.



Select the security key switch option to **lock in a pre-set high or low speed\***.

## Set Travel Speeds Without Losing Productivity

Top travel speed is electronically controlled, so you won't sacrifice lift performance. The great news? No tools are needed to set desired speeds\*.

## Single Handle Control Lever

Faster, easier and more fluid, our single handle control combines **both lift and tilt functions for greater productivity**. Separate control levers are available at no charge.



## Parking Brake Alarm

As part of the Operator Presence System, a warning buzzer alerts the driver if he leaves the seat without first setting the parking brake.



The Nomad offers a comprehensive array of features and options that not only allows you to control and manage machine functions, but also the speed, economy and performance of your entire operation.

## Forward Thinking Back-Up Alarm

Our standard back-up alarm provides plenty of notice to pedestrians and other drivers in the area. For applications with varying noise levels, there is an optional self-adjusting alarm that adjusts sound volume based on ambient noise levels.

## Auto-Tilt Leveling System

Press the button on the hydraulic control lever to tilt the forks forward to a horizontal position. This option is used for easier load placement and retrieval operations.



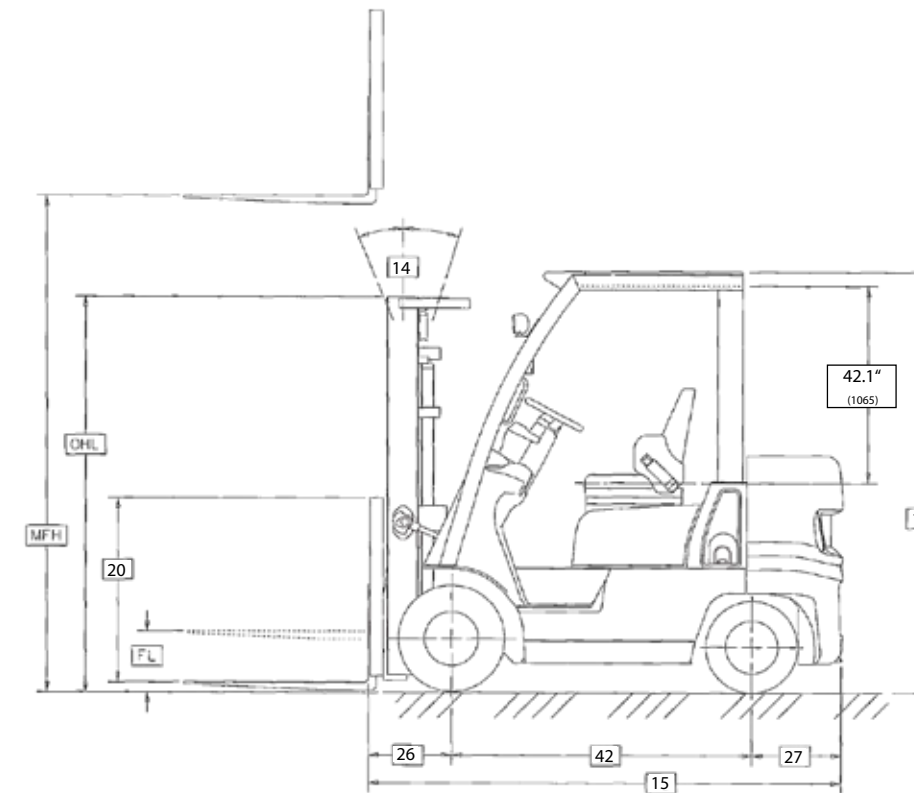
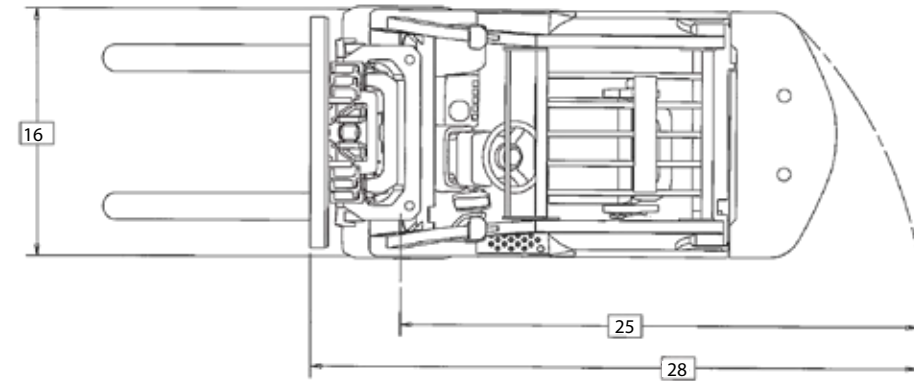
CHARACTERISTICS

DIMENSIONS

PERFORMANCE

WEIGHT

1 8	Manufacturer's Name		UniCarriers AF30	UniCarriers AF35	UniCarriers AF50
2 9	Model	Model designation			
3 10		Long Model Code	MAP1F1A15LV / DV	MAP1F1A18LV / DV	MAP1F2A25LV / DV
612	Rated Load Capacity	lb (kg)	3000 (1350)	3500 (1600)	5000 (2250)
713	Load Center	Distance	in (mm)	24 (600)	24 (600)
14	Power Type		LP - G/LP	LP - G/LP	LP - G/LP
15	Operator Orientation		Sit	Sit	Sit
16	Tire Type	Front & rear	Pneumatic	Pneumatic	Pneumatic
17	Wheels	Number (x=driven) front/rear	2 x / 2	2 x / 2	2 x / 2
19	Mast	Maximum fork height	in (mm)	130 (3300)	130 (3300)
20		Standard freelif	in (mm)	6.2 (155)	4.2 (105)
22	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	1.5 x 4 (40x100)
23		Length	in (mm)	42 (1070)	42 (1070)
24	Tilt Angle	Standard mast - fwd/back	degree	5/10	5/10
25	Overall Dimensions	Length (to face of forks)	in (mm)	83.9 (2130)	85.0 (2160)
26		Width (standard tires)	in (mm)	40.7 (1035)	46.3 (1175)
27		Mast lowered (OHL)	in (mm)	84.3 (2140)	82.8 (2100)
28		Mast extended with LBR	in (mm)	179.3 (4555)	179.3 (4555)
40		Height - top of OHG	in (mm)	83 (2110)	82.3 (2090)
41		Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)
42		Width - standard carriage	in (mm)	36.2 (920)	36.2 (920)
51	Grade Clearance	Ramp breakover angle	tan (%)	51	39
		Departure angle	tan (%)	42	40
		Approach angle	tan (%)	36	25
	Turning Radius	Minimum outside	in (mm)	72.6 (1845)	80.7 (2050)
	Overhang	Front	in (mm)	15.4 (390)	16.1 (410)
		Rear	in (mm)	17.7 (450)	17.7 (450)
	Min Right Angle Stack	Add load length & clearance	in (mm)	88 (2235)	96.8 (2460)
29	Speeds Maximum	Travel - forward or reverse	mph (kmh)	10.6 (17)	10.6 (17)
30		Lift - full/empty	fpm (mm/sec)	122/127.9 (620/650)	122/127.9 (620/650)
31		Lowering - full/empty	fpm (mm/sec)	98.4 (500)	98.4 (500)
32	Drawbar Pull Max	Full load	lb (kg)	3748 (1700)	3748 (1700)
33		Empty	lb (kg)	1984 (900)	2183 (990)
34	Gradeability Max (1.2 mph)	Full/empty	tan (%)	34 / 28	28 / 21
35	Truck Weight	Standard truck - no load	lb (kg)	5860 (2660)	6245 (2835)
36	Weight Distribution	Front axle - empty	lb (kg)	2275 (1030)	2665 (1210)
37		Rear axle - empty	lb (kg)	3585 (1630)	4085 (1855)
38		Front axle - with rated load	lb (kg)	7600 (3570)	8375 (3940)
39		Rear axle - with rated load	lb (kg)	1260 (590)	1370 (645)



**Fingertip Controls**  
Increase operator productivity with ergonomic hydraulic controls. Choose single joystick or multiple lever designs.\*



**Debris Resistance Package**  
Includes a belly screen and slotted wheel well inserts to prevent larger debris from entering the engine compartment and affecting key components. For additional protection, select the Recycler Package.



**Blue LED Pedestrian Awareness Light**  
Reverse driving actuates an optional blue spotlight to illuminate the floor, for advanced visual warning.

\*Optional feature available on the 5,000-lb. capacity model only.

# Reliability.

It's the defining trait of our brand and our forklifts.



UniCarriers' roots extend back over 100 years, and over that time, strong, reliable performance has always been the hallmark of our people and our equipment.

Today, our unrivaled reliability continues to provide UniCarriers' customers with a competitive edge. And together, we move the merchandise that moves world commerce with greater efficiency, economy and reliability.

Which brand do you trust?  
The one you never have to think about.

**We Never Quit.**



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