



**RHINO**

**FORKLIFTS**

# RHINO EQUIPMENT FORKLIFTS

- Powerful engine
- Low center of gravity, small turning radius, more stable and reliable
- Comfortable seat for long-time operation
- Safe overhead guard
- Rear light for working in the dark
- Dual air filter
- Streamline balance weight
- Side shifter is optional
- Optional mast: 2-stage 3.3m/3.5m/4mmast; 3-stage 4.5m/5m/5.5m/6m/7.3mm ast.



**2 Tons**



**3 Tons**



**4 Tons**



**5 Tons**



**7 Tons**



**10 Tons**



We merged operator preference, fast precision, and lasting performance into a quality product. Rhino forklifts make time fly; makes work a pleasure! That is why, at Rhino Equipment, we do everything we can to make that happen.

The company is committed to innovation in everything it does—and to excellence in the design and engineering processes. The result is a broad range of superior forklifts that deliver the highest levels of performance and operator safety and productivity. Rugged, durable and reliable, Rhino Forklifts continue to set the standard for the industry.



## **PRODUCTIVITY**

Operator comfort is enhanced by the increased foot space in the well designed operator's compartment. The isolated powertrain reduces noise and vibration minimizing operator fatigue and increasing operator productivity throughout a shift. Excellent operator visibility is possible with Rhino forklifts.

The infinitely adjustable steering column accommodates operators of all sizes. Innovative designs like our optimized step height, increased shoulder clearance, easy right-side access and ergonomically designed controls make this truck an operator favorite.

Rhino Forklifts is available in several configurations to meet and exceed your material handling application requirements. The Rhino forklifts can be configured for standard, medium and heavy duty applications with state-of-the-art-features, enabling superior power for maximum performance. The choices of different configurations allow you to optimize the truck to handle whatever your application demands with minimal acquisition cost, and boosting performance while still reducing overall cost of operation.

## PRODUCT SUMMARY



Our Forklift models, with multiple powertrain combinations to choose from, assure your cost of operations will be lowered. Each configuration offers improved efficiency, advanced dependability, and simple serviceability. This truck is ideally suited for a wide variety of applications such as industrial and commercial machinery, fabricated metal products and motor freight transportation.

### SIMPLE



Lighter weight and more efficient engine means lower fuel costs. Productivity means moving more of your loads in less time with less cost. The Rhino Forklifts has been proven to lead the industry in productivity through performance, ergonomics (operator comfort and control), service, uptime and dependability.

### PERFORMANCE



After all, it's simply human nature that if the truck you're using is more comfortable, you'll use it more: more efficiently, more productively, squeezing out more profit. The operator compartment boasts a low step, with ample foot room and lower vibration thanks to our isolated powertrain. The operator compartment is designed for maximum comfort and safety helping your operators be more productive.

### COMFORT

# SPECIFICATIONS

2 TONS

2.5 TONS

3 TONS

4 TONS

5 TONS

7 TONS

10 TONS



**DIMENSIONS**

**PERFORMANCE**

**ENGINE**

**WHEEL**

Model	Features	RFL200-DT	RFL250-DT	RFL300-DT	RFL400-DT	RFL500-DT	RFL700-DT	RFL1000-DT
Rated capacity	kg (lb)	2,000 (4,409)	2,500 (5,512)	3,000 (6,614)	4,000 (8,818)	5,000 (11,023)	7,000 (15,432)	10,000 (22,046)
Load center / Optional	mm (in)	500 (19.7)	500 (19.7)	500 (19.7)	500 (19.7)	500 (19.7) / 600 (23.6)	500 (19.7)	600 (23.6)
Power type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Transmission		Hydraulic/ Mechanical	Hydraulic/ Mechanical	Hydraulic/ Mechanical	Hydraulic/ Mechanical	Hydraulic/ Mechanical	Hydraulic	Hydraulic
Service Brakes		N/A	N/A	N/A	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Load Backrest	mm (in)	N/A	N/A	N/A	1,000 (39.3)	1,000 (39.3)	N/A	N/A
Lifting height	mm (in)	3,000 (118.1)	3,000 (118.1)	3,000 (118.1)	3,000 (118.1)	3,000 (118.1)	3,000 (118.1)	3,000 (118.1)
Free lifting height	mm (in)	60 (2.4)	80 (3.1)	80 (3.1)	80 (3.1)	150 (5.9)	210 (8.3)	195 (7.7)
Turning radius	mm (in)	2,450 (96.5)	2,500 (98.4)	2,500 (98.4)	2,720 (107.1)	3,000 (118.1)	3,450 (135.8)	3,900 (153.5)
Overall length	mm (in)	3,605 (141.9)	3,800 (149.6)	3,800 (149.6)	4,100 (161.4)	4,350 (171.3)	4,800 (189.0)	5,480 (215.7)
Overall width	mm (in)	1,160 (45.7)	1,230 (48.4)	1,230 (48.4)	1,230 (48.4)	1,400 (55.1)	1,995 (78.5)	2,275 (89.6)
Overall height (mast lowered)	mm (in)	2,095 (82.5)	2,095 (82.5)	2,095 (82.5)	2,110 (83.1)	2,330 (91.7)	2,500 (98.4)	2,850 (112.2)
Overall height (mast raised)	mm (in)	4,080 (160.6)	4,080 (160.6)	4,080 (160.6)	4,270 (168.1)	4,265 (167.9)	4,420 (174.0)	4,297 (169.2)
Overall height (overhead guard)	mm (in)	2,095 (82.5)	2,110 (83.1)	2,110 (83.1)	2,110 (83.1)	2,330 (91.7)	2,420 (95.3)	2,585 (101.8)
Fork length	mm (in)	1,070 (42.1)	1,220 (48.0)	1,220 (48.0)	1,220 (48.0)	1,220 (48.0)	1,220 (48.0)	1,220 (48.0)
Fork width	mm (in)	100 (3.9)	125 (4.9)	125 (4.9)	150 (5.9)	150 (5.9)	150 (5.9)	175 (6.9)
Fork thickness Max. driving	mm (in)	40 (1.6)	45 (1.8)	45 (1.8)	50 (2.0)	50 (2.0)	65 (2.6)	80 (3.1)
Ground Clearance	mm (in)	N/A	N/A	N/A	170 (6.6)	170 (6.6)	170 (6.6)	N/A
Speed (with/without load)	km/h (mph)	17/19 (10.6/11.8)	18/20 (11.2/12.4)	18/20 (11.2/12.4)	18/20 (11.2/12.4)	20/24(12.4/14.9)	22/26(13.7/16.2)	16/22 (9.9/13.7)
Max. lifting speed (with load)	mm/s (in/s)	400 (15.7)	400 (15.7)	400 (15.7)	300 (11.8)	375 (14.8)	440 (17.3)	310 (12.2)
Max. traction (with/without load)	kN (lbf)	14/9 (3,147/2,023)	15.5/10.5 (3,485/2,360)	15.5/10.5 (3,485/2,360)	16.5/11.5 (3,709 / 2,585)	31/18 (6,969/4,047)	52 (11,690)	57 (12,814)
Gradeability (with/without load)	%	15/20	15/20	15/20	15/20	15/20	20/25	19/20
Tilting angles (forward/backward)	°	6/12	6/12	6/12	6/12	6/12	6/12	6/12
Service weight	kg (lb)	3,320 (7,319)	4,320 (9,524)	4,320 (9,524)	4,900 (10,803)	6,800 (14,991)	9500 (20,944)	12,510 (27,580)
Axle loading with maximum load, front/rear (simple mast, lowest lift height)	kg (lb)	N/A	N/A	N/A	8,955 (19,742) / 1000 (2,205)	N/A	N/A	N/A
Model	Rhino 490BPG Isuzu 4JB1	Rhino 490BPG Isuzu 4 JG2PE	Rhino 490BPG Isuzu 4 JG2PE	Rhino 490BPG Isuzu 4 JG2PE	Rhino 490BPG Isuzu 4 JG2PE	Rhino LR4A3 Isuzu 6BG1	Rhino LR4A4 Isuzu 6BG1	Rhino LR4A5 Isuzu 6BG1
Power	kW (Hp)	39/39 (52.3)	39/39 (52.3)	42 / 45 (56.3/60.3)	45/48 (60.3/64.4)	59/82 (79.1/110.0)	81/82(108.6 / 110)	81/82 (108.6/110.0)
Rated speed	rpm	2,650	2,650	2,650	2,500/2,450	2,400/2,200	2,500/2,300	2,500
Displacement	L (cu.in)	2.67 (163)	2.67 (163)	2.67 (163)	3,17 (193)	4,3 (262)	5.785/5.61 (353/342)	5,785 (353)
No. of cylinder		4	4	4	4	4	6	6
Front overhang	mm (in)	451 (17.8)	465 (18.3)	465 (18.3)	470 (18.5)	565 (22.2)	632 (24.9)	718 (28.3)
Wheel base	mm (in)	1,640 (64.6)	1,700 (66.9)	1,700 (66.9)	1,900 (74.8)	2,150 (84.6)	2,250 (88.6)	2,500 (98.4)
Front tread	mm (in)	970 (38.2)	1,000 (39.4)	1,000 (39.4)	1,060 (41.7)	1,180 (46.5)	1,470 (57.9)	1,600 (63.0)
Rear tread	mm (in)	970 (38.2)	970 (38.2)	970 (38.2)	970 (38.2)	1,190 (46.9)	1,700 (66.9)	1,700 (66.9)
Front tire		7.00-12	28x9-15	28x9-15	250-15	300-15	8.25-15-14	9.00-20-14
Rear tire		6.00-9	6.50-10	6.50-10	6.50-10	7.00-12	8.25-15.14	9.00-20-14
Type seat		Ergonomic Seat	Ergonomic Seat	Ergonomic Seat	Ergonomic Seat	Ergonomic Seat	Ergonomic Seat	Ergonomic Seat

## DIMENSIONS



## OPTIONS

- Powerful engine
- Low center of gravity, small turning radius, more stable and reliable
- Comfortable seat for long-time operation
- Tier 2, Tier 3, Tier 4 Engines.
- Rear light for working in the dark
- Dual air filter
- Streamline balance weight
- Side shifter is optional
- Optional mast: 2-stage 3.3m/3.5m/4mmast; 3-stage 4.5m/5m/5.5m/6m/7.3mm mast.
- Optional engine: Isuzu, Yanmar, Mitsubishi, Rhino® and other brands
- Cushion or pneumatic tires

More options available for client demand



CUSHION TIRES



PNEUMATIC TIRES

## PARTS & SERVICE

The purchase price of a truck is only a small part of its overall cost. A lift truck's cost of ownership is the largest portion of dollars spent and includes such elements as periodic maintenance, unscheduled repairs, tires, brakes and fuel costs. The Rhino Equipment engineers focused on cost savings with additional engine and transmission options, world-class serviceability and exceptional dependability. The Rhino forklifts offers substantial operating cost savings over the competition.

The easy to remove floor plate requires no tools to remove and offers complete access to the powertrain. Simplified daily checks and reduced service requirements lead to lower maintenance costs.



Rhino Forklifts have great serviceability, reducing labor costs associated with periodic maintenance and unscheduled repairs. We make sure that all parts are available to our customers through our distribution centers; which are strategically located around the world. We provide a full range of original equipment and aftermarket parts that help maintain our customer's machine uptime.

