

SPYDER
LIFT TRUCKS

Z SERIES

INTERNAL COMBUSTION PNEUMATIC DIESEL

4,400 – 11,000 LB OF
LIFTING POWER

PERFORMANCE CATALOGUE



TOUGH DIESEL POWER. UNSTOPPABLE PERFORMANCE.

The Spyder Z Series delivers dependable lifting power across the lineup, with models ranging from 4,400 to 11,000 lbs. Built with rugged, clean-burning diesel engines for unmatched power and endurance, the Z Series is engineered to thrive in demanding environments. Featuring high-reach 3-stage masts, side-shifting carriages for pinpoint control, and operator-focused comforts like full-suspension seating, LED lighting, USB/USBC ports, and ergonomic controls, these forklifts transform hard work into smart work across every jobsite.

DIESEL-POWERED PERFORMANCE

A heavy-duty diesel engine built for relentless torque, fuel efficiency, and long shifts without compromise



AIR PNEUMATIC TIRES

Designed for versatility and comfort, these tires cushion every lift, reduce vibration, and improve stability, keeping loads secure across varied terrain



INTERACTIVE DASHBOARD

Standard LCD dashboard delivers real-time performance monitoring and key machine data at a glance



LOAD SENSING STEERING

Standard system that adjusts steering effort automatically, improving precision and efficiency



SUSPENSION SEAT FOR OPERATOR COMFORT

Suspension seat reduces vibration, eases fatigue and enhances all-day comfort



01

1 YEAR / 2,000 HOUR WARRANTY

02

QUICK-SHIP AVAILABILITY

03

CUSTOM OPTIONS AVAILABLE

SPECS THAT SPEAK FOR THEMSELVES - Z SERIES PNEUMATIC DIESEL

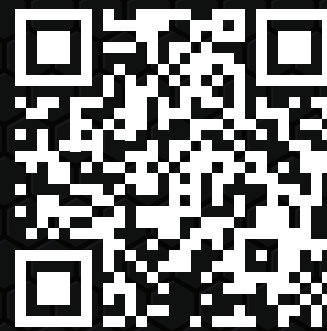
Model	200	250	300	350	450	500
Load Capacity	4,400 lb	5,500 lb	6,600 lb	7,700 lb	9,920 lb	11,000 lb
Fuel Type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Load Center	20 in	20 in	20 in	20 in	20 in	20 in
DIMENSIONS & MAST						
Max Lifted Height	189 in	189 in	189 in	189 in	185 in	185 in
Lowered Height	86 in	86 in	86 in	86 in	91 in	91 in
Mast Type	3-Stage Mast	3-Stage Mast	3-Stage Mast	3-Stage Mast	3-Stage Mast	3-Stage Mast
Mast Tilt Angle	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°
Machine Weight	8,574 lb	9,103 lb	9,875 lb	10,668 lb	14,352 lb	15,256 lb
Ground Clearance (Bottom of Mast)	4.33 in	4.33 in	4.92 in	4.92 in	5.51 in	5.51 in
Length to Face of Fork (Without Forks)	103.54 in	103.54 in	106.3 in	109.45 in	142.72 in	142.72 in
Overall Width	46.06 in	46.06 in	48.03 in	48.23 in	59.84 in	59.84 in
Overhead Guard Height	87.2 in	87.2 in	86.22 in	87.99 in	93.31 in	93.31 in
Wheelbase	64.96 in	64.96 in	66.93 in	66.93 in	82.68 in	82.68 in
Turning Radius (Outside)	93.11 in	93.11 in	96.46 in	98.43 in	115.35 in	115.35 in
Min. Aisle Width For Pallets	162.2 in	162.2 in	162.2 in	167.52 in	184.65 in	184.65 in
PERFORMANCE & POWERTRAIN						
Engine	Kubota V2403 (EPA Certified)	Kubota V2403 (EPA Certified)	Kubota V2403 (EPA Certified)	Kubota V2403 (EPA Certified)	mitsubishi S6S (EPA Certified)	mitsubishi S6S (EPA Certified)
Rated Output	43.2 kW @ 2400 RPM	43.2 kW @ 2400 RPM	43.2 kW @ 2400 RPM	43.2 kW @ 2400 RPM	52 kW @ 2300 RPM	52 kW @ 2300 RPM
Rated Torque	198.5 N . m @ 1500 RPM	198.5 N . m @ 1500 RPM	198.5 N . m @ 1500 RPM	198.5 N . m @ 1500 RPM	248 N . m @ 1700 RPM	248 N . m @ 1700 RPM
Number of Cylinders	4	4	4	4	6	6
Transmission	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Tires	Pneumatic Air (solid available)	Pneumatic Air (solid available)	Pneumatic Air (solid available)	Pneumatic Air (solid available)	Pneumatic Air (solid available)	Pneumatic Air (solid available)
Fuel Tank Capacity	60 L (15.9 gal)	60 L (15.9 gal)	60 L (15.9 gal)	60 L (15.9 gal)	110 L (29 gal)	110 L (29 gal)
Hydraulic Pressure (Attachment)	18.5 MPa	18.5 MPa	18.5 MPa	20.5 MPa	23.5 MPa	23.5 MPa
Travel Speed (No Load)	19 km/h	19 km/h	19 km/h	19 km/h	26 km/h	26 km/h
Lifting Speed (Full Load)	587 mm/sec	552 mm/sec	485 mm/sec	468 mm/sec	580 mm/sec	580 mm/sec
Lowering Speed (Full Load/ No Load)	300/600 mm/sec	300/600 mm/sec	300/600 mm/sec	300/600 mm/sec	300/600 mm/sec	300/600 mm/sec
Max. Drawbar Pull (Full Load/ No Load)	14.85-22.73/ 14.6-22.11 kN	14.85-22.73/ 14.6-22.11 kN	14.86-22.83/ 14.55-22.07 kN	14.85-22.89/ 14.45-21.96 kN	41/25 kN	41/25 kN
Max. Gradeability (Full Load)	22-34%	22-34%	19-30%	17-26%	33- 28%	33- 28%

STANDARD FEATURES INCLUDED LCD Performance Monitor | USB & USB-C Port | Vertical Exhaust | Side Shift | 4th Valve & Pipe | LED Lighting with Turn Signals & Strobe

ADDITIONAL OPTIONS Fork Positioner | Closed Roof | Front & Rear Windshield | Add Doors | Heat & Air Conditioning | Solid Pneumatic Tires | Alternative Mast Heights | Dual Front Tires (4 total) | Alternative Colour Options | Back-Up Camera & Display

WHERE STRENGTH MEETS STYLE

More than just muscle. Spyder Lift Trucks bring industrial performance together with a premium finish that commands attention on any site.



SCAN FOR EVERYTHING
SPYDER OR VISIT
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