

BLUE SITE

Rear-Wheel Steering (RWS)

| Rough Terrain Forklifts
1.5T– 6.0T Range



Built for rough terrain handling.

Strong. Stable. Ready for demanding outdoor work.

Steering Configuration

Engineered for Superior Manoeuvrability

The **Blue Site RWS** range is designed with rear-wheel steering to support tight turning, precise handling and confident control across demanding outdoor environments.

Rear-Wheel Steering

Designed to deliver precise steering response and a tighter turning radius, helping operators manoeuvre confidently around obstacles, loading zones and confined outdoor work areas.

Key Benefits

- ✓ Tight turning radius
- ✓ Excellent manoeuvrability
- ✓ Precise steering control
- ✓ Confident load positioning
- ✓ Ideal for confined work areas





Built for Rough Terrain Handling

Stronger. More stable. Designed for outdoor sites.

Blue Site RWS forklifts

are designed for outdoor material handling environments where traction, stability and turning control matter.

Built for farms, yards, construction sites and uneven ground, the Site RWS range supports daily handling across demanding work areas.



Rear-Wheel Steering

Flexible turning control.



Stable Load Handling

Designed for heavy site movement.



Rough Terrain Tyres

Built for uneven surfaces.



4WD Drive Mode

Supports traction across rough ground.



Diesel Power

Strong output for outdoor work.



Outdoor Site Ready

Built for demanding environments.

The Blue Site RWS Range

One Rough-Terrain platform.
Seven capacity options.



Available in capacities from 1.5 to 6.0 tonnes, the Blue Site RWS range is engineered to support outdoor lifting, loading and material movement across uneven terrain and demanding site conditions.

Model	Capacity
Site 150	1.5 tonnes
Site 250	2.5 tonnes
Site 300	3.0 tonnes
Site 350	3.5 tonnes
Site 400	4.0 tonnes
Site 500	5.0 tonnes
Site 600	6.0 tonnes

Seven models. One rough-terrain platform.
From site material handling to heavier outdoor loads.

Complete Machine Protection

Support built into every Blue Site RWS forklift.



Designed to provide greater confidence, minimise downtime and protect your investment over the long term.

Every Blue Site RWS forklift is built for tough outdoor environments, with a strong machine structure designed to support reliable site performance and long-term use.



Complete Machine Cover

Protection designed to support the whole forklift, not just selected parts.



Diesel Engine Included

The diesel engine is included as part of the complete machine warranty.



Lower Ownership Risk

Long-term warranty support helps reduce uncertainty and protect your investment.



Diesel Power System

Strong output for demanding outdoor handling.

Diesel Engine

Reliable power for rough terrain material handling.

Strong Torque Output

Built to support traction, lifting and movement across uneven ground.

42–76 kW (56–102 hp)

Power output varies across the Blue Site RWS 150–600 range.

Built for Demanding Worksites

Engineered to perform reliably across rough terrain, dust, mud and demanding outdoor conditions.

Built with a durable chassis, high ground clearance and components designed for challenging environments, the Blue Site RWS is ready for construction sites, farms, quarries and industrial worksites.



Heavy-Duty Chassis

Reinforced frame construction provides the strength and durability needed for demanding lifting applications and continuous outdoor operation.



Rough Terrain Capability

Large deep-tread tyres and generous ground clearance help maintain traction and stability across uneven ground, gravel, mud and unsealed surfaces.



Outdoor Performance

Built to operate confidently in changing weather conditions, supporting reliable productivity across construction sites, farms and industrial yards.



High Ground Clearance

Designed to travel over uneven terrain with reduced risk of underbody contact, helping improve mobility across demanding worksites.

Optional Technology Upgrades

Advanced add-ons available when purchasing your Blue Site RWS forklift

Optional technologies designed to enhance visibility, support operator control and improve workplace awareness.



Blue 360° Camera Full-Surround Awareness

Real-time bird's-eye visibility around the forklift to help reduce blind spots in busy work areas.



Key Benefits

- Full-surround visibility
- Reduced blind spots
- Improved operator awareness
- Safer load handling

Best suited for: busy yards, loading zones, shared work areas and sites with limited visibility.



Blue Face Face identification system

Helps restrict forklift use to authorised operators, supporting safer access control and usage accountability.



Key Benefits

- Authorised operator access
- Contactless recognition
- Usage accountability
- Reduced risk of misuse

Best suited for: shared fleets, multi-shift teams and access-controlled worksites.



Operator Comfort Cabin

Protection, visibility and control for every shift.

Every Blue Site RWS forklift is designed with an operator-focused cabin to support comfort, control and visibility during demanding work.



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1 Enclosed Operator Cabin

Provides a protected operator space for outdoor work, helping reduce exposure to dust, wind and changing site conditions during operation.

2 Wide Visibility Design

Large glass panels give the operator a clearer view of the mast, forks, load and surrounding work area, supporting safer and more confident handling.

3 Comfort Seat

Designed to support the operator through longer shifts, helping reduce fatigue during repeated lifting, loading and travel movements.

4 Practical Control Layout

Controls are positioned within easy reach, allowing the operator to manage steering, lifting and travel functions with better comfort and control.

Height & Lift Capacity

Engineered to lift with confidence.

Blue Site RWS forklifts are engineered to handle a wide range of lifting tasks, from lighter material movement to heavier load handling.

Available in capacities from 1.5 to 6.0 tonnes, the range allows businesses to choose the right forklift for their application.

Lift Capacity

1.5 – 6.0 Tonnes

Standard Lift Height

Up to 4.5 m

Available Models

1.5T • 2.5T • 3.0T • 3.5T • 4.0T • 5.0T • 6.0T



Built for **Site Performance**

Essential features engineered for traction, stability and rough terrain reliability.



Rear-Wheel Steering

Supports flexible turning and improved manoeuvrability.



Rough Terrain Tyres

Designed to maintain contact and control across uneven surfaces.



Heavy-Duty Chassis

Thickened steel plate construction supports strength and durability.

Diesel Power • 4WD Drive Mode • Rear-Wheel Steering • 1,220 mm Forks

Ready for the Right Environments

Designed for outdoor handling and
rough terrain operations.



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Blue Site RWS forklifts are suited to environments where standard warehouse forklifts may not be practical, especially where uneven ground, outdoor storage and heavier site movement are part of daily operations.

Construction Sites

For moving materials across active work areas.

Agriculture & Farms

For handling pallets, feed, supplies and equipment.

Timber & Landscape Yards

For moving heavy materials across outdoor storage spaces.

Industrial & Rural Sites

For demanding work areas that require traction, stability and stronger ground clearance.

Customise Your Blue Site RWS

Extend the capability of your Blue Site RWS forklift.

The Blue Site RWS range supports a wide selection of optional attachments designed to improve productivity across construction, agriculture, landscaping, timber handling and industrial material handling applications.



Personnel Basket

Provides a secure elevated work platform for inspection, maintenance and access tasks.



Jib Attachment

Enables controlled lifting and positioning of suspended loads using a hook and chain.



Hinged Bucket

Designed for moving loose materials such as gravel, soil, sand and aggregates.



Olecranon Drum Clamp

Designed to grip, lift and transport industrial drums securely without pallets.



Bale Clamp

Provides secure handling of hay, agricultural bales and other non-palletised loads.



Tilting Grab

Designed to grip, lift and tilt logs, branches and other bulky materials for controlled handling and loading.

Attachment availability may vary by model and application.
Confirm compatibility with Blue Material Handling before purchase.



Load Stabilizer

Helps secure and stabilise loads during lifting, travel and positioning.



Turnaloads

Designed to rotate and reposition loads for controlled handling and unloading.



Block Clamp

Provides secure handling of concrete blocks, bricks and other non-palletised materials.



Auger

Designed to drill holes in soil for posts, foundations and other groundworks.



Sponge Clamp

Designed for handling bulky, lightweight and compressible materials.



Carpet Pole

Provides efficient handling of carpet rolls, fabric rolls and other cylindrical loads.



Weigh Forks

Allows loads to be weighed directly during lifting and handling.



Side Shifter with Clip

Allows lateral load movement and secure positioning without repositioning the forklift.



Pusher

Designed to push and position packaged or non-palletised loads efficiently.



Drum Lifter

Designed to lift and transport industrial drums safely and securely.



Paper Roll Clamp

Provides controlled handling of large paper rolls while helping minimise surface damage.



Bin Tipper

Allows containers or bins to be tilted for controlled material discharge.

Rear Steering Detail

Side profile

Front Mast Detail

Operator Cabin Detail

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Designed from Every Angle

A closer look at the Blue Site RWS forklift.

Each detail highlights the forklift's rough terrain tyres, enclosed cabin, mast structure and rear-wheel steering design.

Blue Site RWS 150–600

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TECHNICAL PARAMETERS (1.5 - 6T)

Model			BLUE SITE 150	BLUE SITE 250	BLUE SITE 300	BLUE SITE 350	BLUE SITE 400	BLUE SITE 500	BLUE SITE 600
Rated Capacity		kg	1500	2500	3000	3500	4000	5000	6000
Mast Width		mm	148	160	160	160	180	180	180
Max. Gradeability (No load/Full load)		%	<35	<35	<35	<35	<35	<35	<35
Frame Articulation		mm	Front200/Rear150	Front200/Rear250	Front200/Rear250	Front200/Rear250	Front200/Rear250	Front250/Rear300	Front250/Rear300
Self Weight		kg	2680	3200	4390	4400	4900	6000	6300
Mast Tilt Angle (F/R)		deg	12	12	12	12	12	12	12
Dimension		cm	310*135*230	330*160*220	370*180*245	370*180*245	380*198*260	400*208*265	400*240*260
Tyres		-	10.00-16	20.5/70-16	20.5/70-16	20.5/70-16	16/70-20	16/70-24	12R22.5
Turning Radius (outside tyres)	L1*H2	mm	3100	3100	3600	3600	3800	3900	4100
Lift Height		mm	4500	4500	4500	4500	4500	4500	4500
Fork Length (standard)		mm	1220	1220	1220	1220	1220	1220	1220
Ground Clearance (Bottom of mast)		mm	230	235	270	240	300	330	330
Mast Lowered Height	L	mm	2200	2230	2270	2270	2350	2400	2400
Engine	H1	-	Yunnei490	Yunnei490	Yunnei490	Yunnei490	Yunnei4100	Yunnei4102	Yunnei4102
Rated Output	H	kW	42/2200-2400	42/2200-2400	42/2200-2400	58/2200-2400	65/3200	76/3200	76/3200
Max Rated Torque		N·m	220-450/1500-1800	220-450/1500-1800	220-450/1500-1800	220-450/1500-1800	285/1200-2800	285/1200-2800	285/1200-2800
No. of Cylinders		-	4	4	4	4	4	4	4
Cylinder Diameter x Stroke		mm	102x115	102x115	102x115	102x115	81x97	81x97	81x97
Displacement		L	3.76	3.76	3.76	3.76	1.99	1.99	1.99
Drive Model		-	4WD	4WD	4WD	4WD	4WD	4WD	4WD
Gearbox Brand / Model		-	Jinlite / 265	Jinlite / 265	Jinlite / 265	Jinlite / 265	Jinlite / 265	Jinlite / 280	Jinlite / 280
Axle Brand / Model			Chengqian / 130	Chengqian / –	Chengqian / –	Chengqian / –	Chengqian / –	Chengqian / –	Jiegong / –
Brake Type			Hydraulic Brake	Air Brake	Air Brake	Air Brake	Air Brake	Air Brake	Air Brake
Steering Cylinder Specification			73/35	73/35	73/35	73/35	73/35	73/35	73/35
Hydraulic Pump Brand / Model			Weichang / 32	Weichang / 32	Weichang / 32	Weichang / 32	Weichang / 32	Weichang / 32	Weichang / 32
Valve Block Brand / Model			Qingchang / 15	Qingchang / 15	Qingchang / 15	Qingchang / 15	Qingchang / 15	Qingchang / 15	Qingchang / 15
Tyre Brand / Ply Rating			Yutong / 10.00-16	Gaoxin / 20.5/70-16	Gaoxin / 20.5/70-16	Gaoxin / 20.5/70-16	Yutong / 16/70-20	Yutong / 16/70-24	Lutailai / 12R22.5

Due to the continuous updating and improvement of products, we reserve the right to change the parameters and design without prior notice. The product configuration and appearance color in the photos may be different from the actual model, please refer to the actual product.



Blue Site RWS 150–600

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FULL FREE 2-STAGE MAST (1.5- 6 T)

Mast type	Lift height (mm)	Mast lowered Height				
		3T	3.5T	4T	5T	6T
Z300	3000	2250	2250	2260	2270	2260
Z350	3500	2500	2500	2510	2520	2510
Z400	4000	2850	2850	2860	2870	2860
Z450	4500	3050	3050	3060	3070	3060

FULL FREE 3-STAGE MAST (1.5- 6 T)

Mast type	Lift height (mm)	Mast lowered Height				
		3T	3.5T	4T	5T	6T
S 450	4000	2250	2250	2260	2270	2260
S 500	4500	2500	2500	2500	2520	2510
S 600	6000	3050	3050	3050	3070	3060



