

# UNITED

Forklift and  
Access Solutions



## A SERIES

### Walkie Stackers

1.2 - 1.8 Tonne



UNITED It's all about you

# WE'VE UNITED ALL YOUR WAREHOUSE LIFTING NEEDS

Introducing the **A-Series** range of **Walkie Stackers** from United.

These innovative and affordable walkie stackers trucks are highly suited for both light and heavy use lifting and stacking in the warehouse. Quality built and smartly designed, the compact chassis delivers a tight turning circle with dynamic handling and excellent travel speeds. With the operator in mind, they also include a range of features which provide high levels of comfort and safety to meet the demands of any busy warehouse. Available in various capacity straddle leg models, the A-Series walkie stackers will improve productivity and boost efficiency in your business.

Discover for yourself, why at United it's all about you.



**C**SERIES  
Powered Pallet Trucks

**A**SERIES  
Walkie Stackers

**T**SERIES  
Walkie Reach Stackers

# A SERIES

Walkie Stackers



**NSP12ES**  
Walkie Stacker - 1.2T

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**NSP12EAS**  
Walkie Stacker - 1.2T

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**NSP14/18EAS**  
Walkie Stacker - 1.4-1.8T

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## NSP12ES Walkie Stacker

The NSP12ES is one of the core functional electric stacker models capable of accomplishing high load stacking operation up to a maximum height of 3.6 metres.

The NSP12ES model is a highly cost efficient truck that operates on low cost maintenance free batteries, has justified its niche positioning and is capable of delivering the same quality lift without compromising on reliability.



### Features

#### Auto Speed Reduction

Feature that automatically reduces the speed once the stacker exceeds the present lifting height.

#### Built-in Charger

Equipped with a standard 10 Amp built-in charger that facilitates convenient charging of batteries by simply plugging into any wall socket.

#### Ergonomic Handling

Long tiller arm design helps facilitate a short turning radius and effectively reduces the human effort needed to maneuver the stacker easily.

#### Quality Protection

Full protection enclosures enhance the trucks resistance to elements, corrosion or damage to the internal electric components.

#### Compact Chassis

The compact design provides a smaller turning circle for effective maneuvering in the tightest working areas.

#### Safety Button

Emergency stop button located on the cover automatically cuts power when pressed.

#### Easy Serviceability

CURTIS operated system allows quick troubleshooting.



#### Multifunctional Handle

Allows the operator to multitask the lifting/lowering of the mast while traveling.



#### Standard Pin Code Start

Exclusive pin pad on handle to increase security and limit unauthorised use.



#### Standard Battery Discharge Indicator

Automatically cuts off the lift function if the battery level hits 20% or below.



#### Easy Maintenance

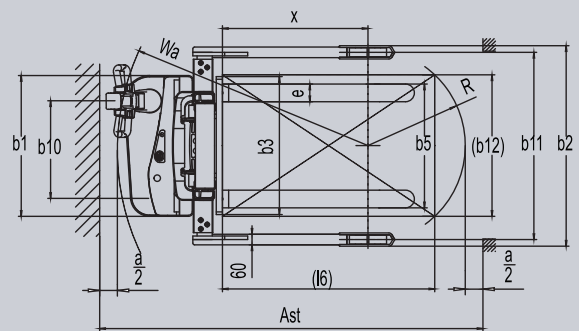
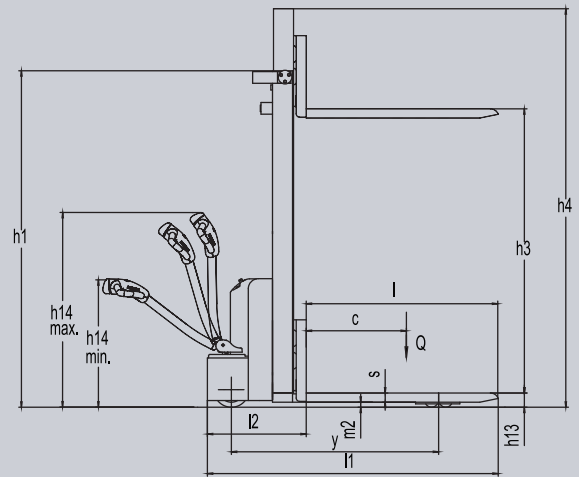
The removable one piece head cover allows for easy inspection and maintenance.



#### Fully Adjustable Legs

Straddle legs are fully adjustable to accommodate different sized pallets.

Characteristics		NSP12ES
Drive unit		Electric
Operation type		Pedestrian
Rated capacity (kg)	Q	1200
Load centre (mm)	c	600
Load distance	x	845
Wheelbase (mm)	y	1290
Weights		
Service weight (include battery) (kg)		676
Axle loading with load,driving side / Loading side kg		837/1039
Axle loading without load,driving side / Loading side		549/127
Wheels / Tyres		
Tyre type driving wheels / Loading wheels		PU/PU
Tyre size, driving wheels (diameter x width) (mm)		Ø210x70
Tyre size, loading wheels (diameter x width) (mm)		Ø100x50
Tyre size, caster wheels (diameter x width) (mm)		Ø100x50
Wheels, number driving, caster/loading (x=drive wheels)		1x+1/4
Track width, front, driving side	b <sub>10</sub>	533
Track width, rear, loading side	b <sub>11</sub>	1060/1160/1260/1360
Dimensions		
Height - mast lowered (mm)	h <sub>1</sub>	2083
Lift height (mm)	h <sub>3</sub>	2930
Height - mast extended (mm)	h <sub>4</sub>	3895
Height drawbar in driving position min./max. (mm)	h <sub>14</sub>	860/1200
Height of wheel arms (mm)	h <sub>8</sub>	100
Lowered height (mm)	h <sub>13</sub>	60
Overall length (mm)	l <sub>1</sub>	1650
Length to face of forks (mm)	l <sub>2</sub>	580
Overall width b (mm)	b <sub>1</sub>	1135/1235/1335/1435
Fork dimensions (mm)	s x e x l	35 / 100 / 1070
Fork carriage width (mm)	b <sub>3</sub>	800
Distance between fork arms (mm)	b <sub>5</sub>	200~765
Distance between wheel-arms (mm)	b <sub>4</sub>	985/1085/1185/1285
Ground clearance, laden, below mast	m <sub>1</sub>	-
Ground clearance, center of wheelbase (mm)	m <sub>2</sub>	40
Aisle width for pallets 1000 x 1200 crossways (mm)	Ast	2255
Aisle width for pallets 800 x 1200 lengthways	Ast	2180
Turning radius	Wa	1404
Performance		
Travel speed, with/ without load (km/h)		3.5/4
Lifting speed, with/ without load (m/s)		0.12/0.22
Lowering speed, with/ without load (m/s)		0.12/0.11
Max. gradeability, with/ without load (%)		3/10
Service brake type		Electromagnetic
Drive		
Drive motor rating S2 60 min (kW)		0.65
Lift motor rating at S3 15% (kW)		2.2
Maximum allowed size battery		325x180x230
Battery voltage / nominal capacity K20		2x12/105
Battery weight (kg)		2x30
Additional Data		
Type of drive control		DC
Steering type		Mechanical
Sound pressure level at the driver's ear		74



Options
<b>Mono-lift mast up to 1600mm</b> For specialised low lifting.
<b>High Capacity 240Ah Battery</b>
<b>Pattern profile drive tyre</b> Improves overall traction especially when working on wet surfaces.

Mast Type	Lift Height h <sub>3</sub> + h <sub>13</sub>	Lowered mast height h <sub>1</sub> (mm)	Free lift h <sub>2</sub> (mm)	Extended mast height h <sub>4</sub> (mm)
2 Stage	1160	1600	1110	1600
	1360	1800	1310	1800
	1560	2000	1510	2000
	1660	2100	1610	2100
	2470	1833	-	3395
	2670	1933	-	3595
	2970	2083	-	3895
	3270	2233	-	4195
	3570	2383	-	4495

## NSP12EAS Walkie Stacker

Designed to work efficiently with a tight working aisle, the NSP12EAS is capable of lifting up to maximum 4.5 metres in height, handling 400kg load capacities. With its 1.2 tonne compact chassis equipped with a low-level centralised positioned tiller arm, the NSP12EAS is an ideal ergonomic stacker to meet small to medium size racking demand, whereby a tight turning circle can easily be accomplished.

Productivity is optimised with its top travel speed of 5.5km/hr, and works well even on ramps with its excellent gradeability and electromagnetic brake design.



### Features

#### Automatic Lift Lock

A function that ensures the mast maintains its original lift position even when there is a sudden disconnection of power supply.

#### Safe Hydraulic System

A safety design that prevents the mast from dropping abruptly due to a sudden loss of hydraulic pressure or leaks.

#### Auto Speed Reduction

Feature that automatically reduces the speed once the stacker exceeds the present lifting height.

#### Anti-Roll Back

System that keeps the stacker steady on ramps and prevents it from rolling backward.

#### Creep Mode

Automatically decreases the travel speed when the tiller arm is at near a vertical position.

#### Easy Battery Change

The top loading battery design allows the battery to be changed more efficiently and provides easy access to the battery refilling point.

#### Maintenance Free Motors

Robust and maintenance free AC traction motor allows for smooth travel transition from point to point.



#### Multifunctional Handle

Allows the operator to multitask the lifting/lowering of the mast while traveling.



#### Standard Pin Code Start

Exclusive pin pad on handle to increase security and limit unauthorised use.



#### Battery Discharge Indicator

Automatically cuts off the lift function if the battery level hits 20% or below.



#### Easy Maintenance

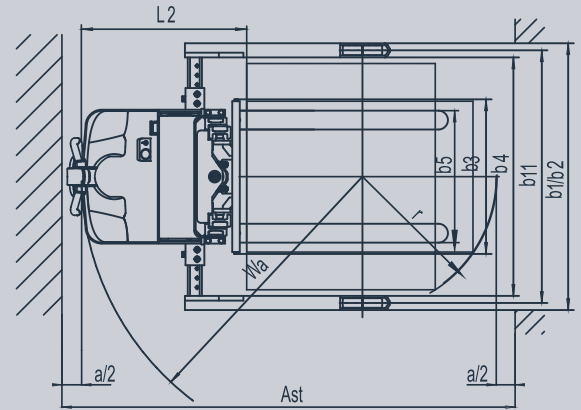
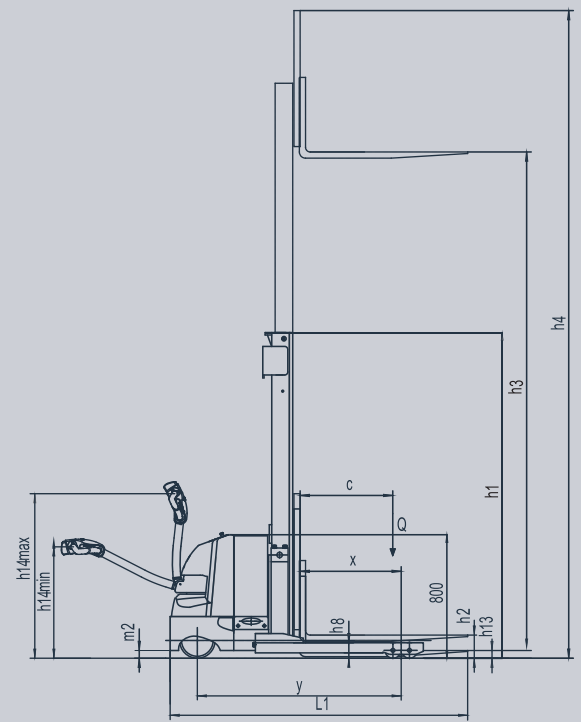
The removable one piece head cover allows for easy inspection and maintenance.



#### Fully Adjustable Legs

Straddle legs are fully adjustable to accommodate different sized pallets.

Characteristics		NSP12EAS
Drive unit		Electric
Operation type		Pedestrian
Rated capacity (kg)	Q	1200
Load centre (mm)	c	600
Load distance	x	618
Wheelbase (mm)	y	1320
Weights		
Service weight (include battery) (kg)		1150
Axle loading with load,driving side / Loading side kg		685/1525
Axle loading without load,driving side / Loading side		665/485
Wheels / Tyres		
Tyre type driving wheels / Loading wheels		PU/PU
Tyre size, driving wheels (diameter x width) (mm)		Ø230x75
Tyre size, loading wheels (diameter x width) (mm)		Ø102x50
Wheels, number driving, caster/loading (x=drive wheels)		1x+0/4
Track width, rear, loading side	b <sub>11</sub>	1045/1145/1245/1345
Dimensions		
Height - mast lowered (mm)	h <sub>1</sub>	2110
Free Lift (mm)	h <sub>2</sub>	150
Lift height (mm)	h <sub>3</sub>	3270
Height - mast extended (mm)	h <sub>4</sub>	4185
Height drawbar in driving position min./max. (mm)	h <sub>14</sub>	715/1200
Height of wheel arms (mm)	h <sub>8</sub>	100
Lowered height (mm)	h <sub>13</sub>	60
Overall length (mm)	l <sub>1</sub>	1947
Length to face of forks (mm)	l <sub>2</sub>	877
Overall width b (mm)	b <sub>1</sub>	1120/1420
Fork dimensions (mm)	s x e x l	40/100/1070
Fork carriage width (mm)	b <sub>3</sub>	800
Distance between fork arms (mm)	b <sub>5</sub>	200-760
Distance between wheel-arms (mm)	b <sub>4</sub>	970-1270 (adjustable)
Ground clearance, center of wheelbase (mm)	m <sub>2</sub>	60
Aisle width for pallets 1000 x 1200 crossways (mm)	A <sub>st</sub>	2405
Aisle width for pallets 800 x 1200 lengthways	A <sub>st</sub>	2400
Turning radius	Wa	1490
Performance		
Travel speed, with/ without load (km/h)		5.0/5.5
Lifting speed, with/ without load (m/s)		0.127/0.23
Lowering speed, with/ without load (m/s)		0.26/0.20
Max. gradeability, with/ without load (%)		8/16
Service brake type		Electromagnetic
Drive		
Drive motor rating S2 60 min (kW)		1.1
Lift motor rating at S3 15% (kW)		2.2
Maximum allowed size battery		650/225
Battery voltage / nominal capacity K20		24/210
Battery weight (kg)		160
Additional Data		
Type of drive control		AC
Steering type		Mechanical
Sound pressure level at the driver's ear		74



Options
<b>Enhanced free lifting</b> Free lift up to 1200mm with 2 stage mast.
<b>High Capacity 240Ah Battery</b>
<b>Cold Room Package</b> Allows operation in -20° temperature cold rooms.

Mast Type	Lift Height h <sub>3</sub> + h <sub>13</sub>	Lowered mast height h <sub>1</sub> (mm)	Free lift h <sub>2</sub> (mm)	Extended mast height h <sub>4</sub> (mm)
2 Stage ZT	2470	1710	100	3385
	2670	1810	100	3585
	2970	1690	100	3885
	3270	2110	100	4185
	3570	2260	100	4485
	3870	2410	100	4785
2 Stage ZZ	2660	1819	904	3585
	2960	1969	1054	3885
	3260	2119	1204	4185
3 Stage DZ	4000	1822	904	4915
	4500	2022	1104	5415

## NSP14/18EAS Walkie Stacker

The NSP14EAS and NSP18EAS heavy duty electric straddle stackers provides a 1.4-1.8 tonne lift capacity, and offer excellent versatility to deliver exceptional productivity in every warehouse setting.

These walkie stackers have an innovative AC system that offers strong power, accurate control and excellent performance. This makes them the ideal stacker to perform block stacking up to a 5m lift height. The multi-functional control handle is fitted with a longer tiller arm that effectively reduces operator fatigue and creates confidence through easy handling.



### Features

#### Automatic Lift Lock

A function that ensures the mast maintains its original lift position even when there is a sudden disconnection of power supply.

#### Safe Hydraulic System

A safety design that prevents the mast from dropping abruptly due to a sudden loss of hydraulic pressure or leaks.

#### Auto Speed Reduction

Feature that automatically reduces the speed once the stacker exceeds the present lifting height.

#### Safety Button

Emergency stop button located on the cover automatically cuts power when pressed.

#### Creep Mode

Automatically decreases the stacker's travel speed when the tiller arm is at a near vertical position.

#### Quick Access

Quick access to internal key components for inspection, maintenance or replacement by loosening four securing bolts.

#### Maintenance Free Motors

Robust and maintenance free AC traction motor allows for smooth travel transition from point to point.



#### Multifunctional Handle

Allows the operator to multitask the lifting/lowering of the mast while traveling.



**Optional:**  
**Proportional Valve**  
Offers more precise control over lifting and lowering of forks.



#### Standard Pin Code Start

Exclusive pin pad on handle to increase security and limit unauthorised use.



#### Battery Discharge Indicator

Displays useful info to the operator including operating hours, battery level and error codes.



#### Easy Battery Change

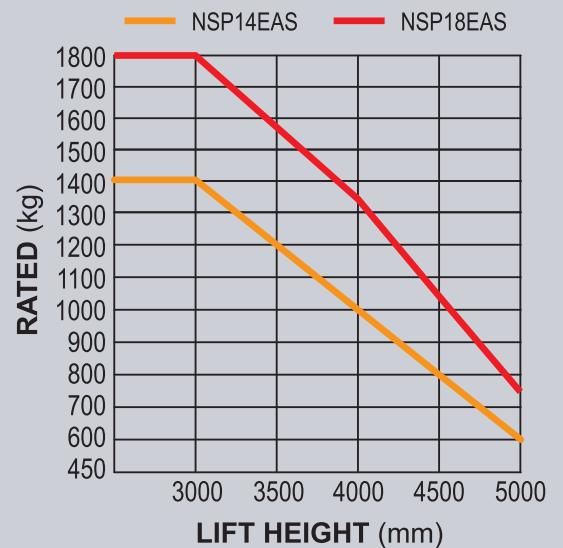
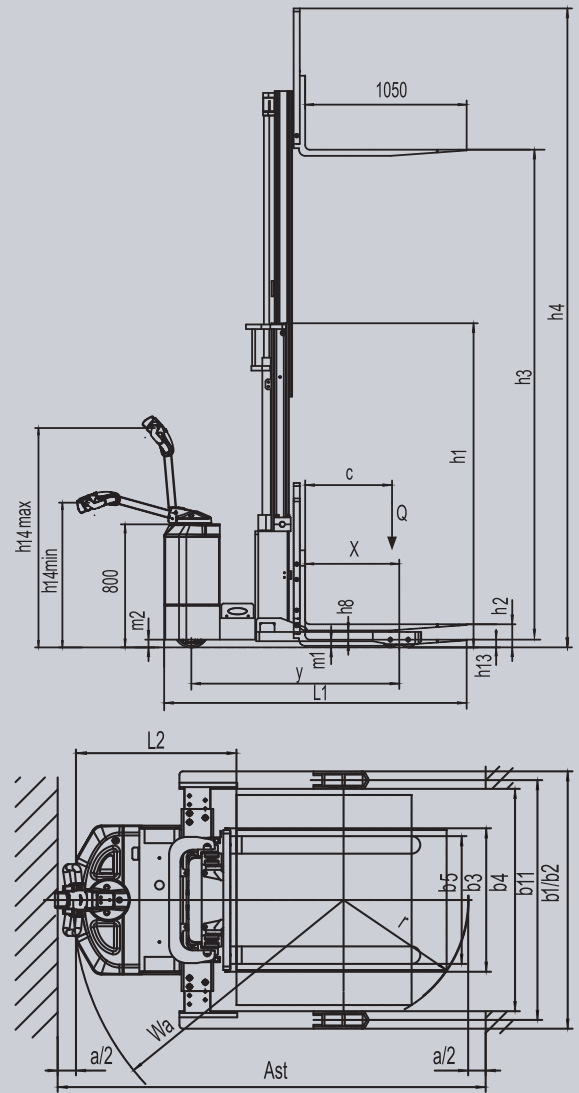
The top loading battery design allows the battery to be changed more efficiently and provides easy access to the battery refilling point.



#### Anti-Roll Back

System that keeps the stacker steady on ramps and prevents it from rolling backward.

Characteristics		NSP14EAS	NSP18EAS
Drive unit		Electric	
Operation type		Pedestrian	
Rated capacity (kg)	Q	1400	1800
Load centre (mm)	c	600	
Load distance	x	610	
Wheelbase (mm)	y	1350	1455
<b>Weights</b>			
Service weight (include battery) (kg)		1320	1520
Axle loading with load, driving side / Loading side kg		815/1905	945/2375
Axle loading without load, driving side / Loading side		805/515	925/595
<b>Wheels / Tyres</b>			
Tyre type driving wheels / Loading wheels		PU/PU	
Tyre size, driving wheels (diameter x width) (mm)		Ø230x75	
Tyre size, loading wheels (diameter x width) (mm)		Ø102x73	
Tyre size, caster wheels (diameter x width) (mm)		Ø85x48	Ø102x63.5
Wheels, number driving, caster/loading (x=drive wheels)		1x+2/4	
Track width, front, driving side	b <sub>10</sub>	580	
Track width, rear, loading side	b <sub>11</sub>	1170/1270/1370	
<b>Dimensions</b>			
Height - mast lowered (mm)	h <sub>1</sub>	2118	
Free Lift (mm)	h <sub>3</sub>	150	
Lift height (mm)	h <sub>3</sub>	3200	
Height - mast extended (mm)	h <sub>4</sub>	4115	
Height drawbar in driving position min./max. (mm)	h <sub>14</sub>	990/1500	
Height of wheel arms (mm)	h <sub>8</sub>	100	
Lowered height (mm)	h <sub>13</sub>	60	65
Overall length (mm)	l <sub>1</sub>	1987	2092
Length to face of forks (mm)	l <sub>2</sub>	917	1022
Chassis width (mm)	b <sub>1</sub>	850	
Overall width (mm)	b <sub>2</sub>	1270/1370/1470	
Fork dimensions (mm)	s x e x l	40/100/1070	
Fork carriage width (mm)	b <sub>3</sub>	800	
Distance between fork arms (mm)	b <sub>5</sub>	200-760	
Distance between wheel-arms (mm)	b <sub>4</sub>	1070/1170/1270	
Ground clearance, laden, below mast	m <sub>2</sub>	50	
Aisle width for pallets 1000 x 1200 crossways (mm)	Ast	2460	2560
Aisle width for pallets 800 x 1200 lengthways	Ast	2460	2560
Turning radius	Wa	1545	1645
<b>Performance</b>			
Travel speed, with/ without load (km/h)		5.5/6.0	4.5/5.0
Lifting speed, with/ without load (m/s)		0.127 / 0.23	
Lowering speed, with/ without load (m/s)		0.26 / 0.20	
Max. gradeability, with/ without load (%)		8/10	6/10
Service brake type		Electromagnetic	
<b>Drive</b>			
Drive motor rating S2 60 min (kW)		1.1	
Lift motor rating at S3 15% (kW)		3	
Maximum allowed size battery		800/230/open	
Battery voltage / nominal capacity K20		24/210	24/280
Battery weight (kg)		190	250
<b>Additional Data</b>			
Type of drive control		AC	
Steering type		Mechanical	
Sound pressure level at the driver's ear		74	



Options
<b>Enhanced free lifting</b> Free lift up to 1200mm with 2 stage mast.
<b>High Capacity 240Ah Battery</b>
<b>Cold Room Package</b> Allows operation in -20° temperature cold rooms.
<b>Proportional Valve</b> For more precise control over lifting & lowering of forks.

Mast Type	Lift Height h <sub>3</sub>	Lowered mast height h <sub>1</sub> (mm)	Free lift h <sub>2</sub> (mm)	Extended mast height h <sub>4</sub> (mm)
2 Stage ZT	2640	1838	100	3555
	3000	2018	100	3915
	3200	2118	100	4115
	3590	2303	100	4505
2 Stage ZZ	2660	1819	904	3585
	2960	1969	1054	3885
	3260	2119	1204	4185
3 Stage DZ	4000	1822	904	4915
	4500	2022	1107	5415
	5000	2187	1272	5915



## NEED SOME EXTRA REACH?

**T**SERIES

Walkie Reach Stackers

The T-Series range of walkie reach stacker's is the all-rounder machine for any warehouse. The scissor reach arms makes them the effective solution to handle all types of stacking and loading of pallets up to 5.5 metres high. Built on an innovative AC drive motor, these stacker's deliver strong power with a top travel speed of 6km/h, while ensuring excellent maneuverability and accurate control in the tightest work spaces.



# OUR SUPPORT SERVICES

Our commitment to customer service ensures that we provide not only the world's best equipment brands, but all the specialised services to support you, your business and your equipment. That's why at United **It's all about you.**



## **New & Used Sales**

United supplies an extensive range of new forklift and access equipment from some of the world's most trusted brands including Cat Lift Trucks, Konecranes, Haulotte and Almacrawler. We also supply pre-owned and refurbished equipment to suit your budget.



## **Competitive Rental Options**

With a dedicated national rental fleet of over 5000 forklifts and access equipment, we can offer hassle-free casual, monthly or long-term rental options.



## **Flexible Finance**

United's in-house finance team can structure a competitive finance package just for you. As time is money, we work quickly to get the finance in place so you can get working.



## **Responsive Backup Service**

We know uptime is essential for your business. That's why we back every product we sell with a team of highly qualified mobile service technicians. They're ready to respond 24/7 to your call, complete with fully stocked service vehicles, so you can get moving fast.



## **Extensive Spare Parts**

United provides top quality genuine spare parts and accessories for all makes and models of forklifts and access equipment through a national spare parts network. Our national buying power also means you'll never wait too long, or pay too much, for the parts you need.



## **Customer Care**

Whether you want to compliment one of our staff, suggest an improvement to the way we do things or seek help to resolve a complex issue, the customer care team offer a single point of contact so you can be sure of our full attention.



## **Accredited Operator Training**

Minimise repair costs and accidents and increase productivity by teaching your people to use lifting equipment safely and correctly. United in association with CERT Training is proud to offer customers a wide range of nationally recognised and accredited training courses for forklifts & EWP's.



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