Forklift, Logger, Cane Loader

225F-L | 225F HP-TL | 125F-CL | 225F-F









Evolution of a classic



Evolutionary design

Bell Tri-Wheelers are derived from the successful Bell Cane Loaders and to this day remain the lowest cost solution to sorting, loading and moving both sugar cane and timber.

The Tri-Wheeler's simple design belies the brilliance of the concept and design. Irvine Bell developed the concept in the early 1960s with the intention of designing a machine that would duplicate the motion of a person walking up to a pile and picking it up. He succeeded in blurring the interface between man and machine. While the concept has remained the same, the product has undergone a number of subtle





but important improvements over the years. These improvements have evolved the Bell Tri-Wheeler into a product where beauty is way more than skin deep.

More importantly, the design team associated with the Tri-Wheeler has gained invaluable insights and experience throughout the 50 year journey and they appreciate the understatedness of this 'simple design'. They understand that in order to achieve simplicity in design an enormous amount of effort and mastery is required.

Copying is said to be the highest form of flattery, however, many attempts to copy the Bell Tri-Wheeler have failed. Perhaps it has something to do with failing to understand the essence of this machine?

Bell Equipment has built a solid reputation with this simple machine along with a foundational concept of building STRONG RELIABLE MACHINES and ensuring that this philosophy is reinforced by providing our customers with STRONG RELIABLE **SUPPORT**, once the sale is done.

- ROPS & FOPS certified frame.
- Triangulation forms the basis of the frame structure. to distribute force evenly for durability.
- Ingenuity of design simply integrates the hydraulic tank into the frame of the F-series Tri-Wheelers.
- Layered sophistication allows the product to be built for the application.

Design Philosophy

- Customer input is critical.
- Simplicity remains core.
- Lowest cost per tonne solutions through efficiency.
- Strong, reliable machines.



Robust efficient driveline



components carried over from our A-series

Engine

- The F-series engine has transitioned from air-cooled to a water-cooled Yanmar engine.
- Careful selection based on the rugged environment and operating conditions.
- Low fuel burn and low running costs reinforce the focus on lowest cost per tonne operations.
- Water cooled engine provides low noise, cool running operation.

Transmission Pump

- The introduction of a robust cast iron design with a previous evolution means this drive train is proven to be reliable and robust.
- Robust components, chosen with the customer in mind, are tested extensively to protect the customer from unwanted downtime.
- Evolution new developments that enhance productivity are continuously embraced.
- New developments have provided continuous opportunities to enhance operator productivity and safety.

Wheel motors

- No maintenance and components with a high expected life.
- Well proven design combines selected hydraulic motors and braking system coupled to a Bell final drive.
- Fail to safe, spring applied hydraulically released SAHR brakes.







Yanmar water cooled engine

Standard - Yanmar 4TNV98:

- 45 kW @ 2 200 rpm
- 3.319 litre displacement
- Naturally aspirated

Optional - Yanmar 4TNV98T:

- 57 kW @ 2 200 rpm
- 3.319 litre displacement
- Turbo Charged

Cooling system

Engine aluminium core radiator:

- Rubber mounted
- Robust fin design able to be pressure washed

Hydraulic oil cooler:

- Side-by-side with the radiator and cooling fan
- Easy access for cleaning

AC condenser (optional):

- RH engine bay door mounted condenser
- Swing out for easier cleaning

Driveline

Eaton transmission pump:

 Proven reliability on Tri-Wheelers for many years

Bell Wheel motors:

- Rugged design
- Reliable and dependable



| Technical Data **ENGINE & ANCILLARIES**

Yanmar TNV98

Configuration 4 cylinder

Aspiration Naturally aspirated

Emission Level Tier II

Governed Power 45 kW

Governed Speed 2 200 rpm

Displacement 3 319 cc

Fuel Filter Type In-line water separator with separate spin on fuel filter.

Fuel Filter 5 µm

Coolant Capacity (Engine only) 4 litres

Radiator

Easy access and easy to clean. Agricultural spec fine dust tolerant wide fin spacing.

Fuel Tank

Secure, lockable ground level filling. Integrated into lower section of the frame to keep a low centre of gravity.

Fuel Tank Capacity 100 litres

Air Cleaner Type

Radial Seal 2-stage primary and secondary filters, both fed by a self cleaning pre-cleaner. The system has a dash mounted restriction indicator.

HYDRAULIC SYSTEM

Hydrostatic Drive System Servo controlled Variable displacement closed loop system.

Wheel Drive System

Robust, proven Bell planetary hub driven by high displacement radial piston motor with fail to safe spring applied hydraulically released multidisc wet brake.

Wheel Drive Make & Model Bell #29P

Service Brake Hydrostatic braking through the closed loop system.

Hydraulic Implement Pump 1 Maximum Flow at Engine Rated Speed 60,9 I/min

Hydraulic Implement Pump 1 **Maximum Intermittent Pressure** 241 har

Hydraulic Implement Pump 1 Use Boom lift & lower

Hydraulic Implement Pump 2 Maximum Flow at Engine **Rated Speed** 39.4 l/min

Hydraulic Implement Pump 2 Maximum Intermittent Pressure 280 bar

Hydraulic Implement Pump 2 Maximum Continuous Pressure 250 bar

Hydraulic Implement Pump 2

Attachment - Grapple Open/Close, Tele Ext in/out and Rotator.

Integrated within the tubular frame

Tank Capacity 140 litres

Tank Breather

Remote to filler cap, 3 micron rating, 0.75 bar pressure.

Hydraulic Cooler Air Fin Spacing Easy to clean wide fin spacing

ELECTRICAL

System

12 volt system with a single maintenance free battery mounted in the rear of the machine above the tail wheel.

Alternator Output 12 v 80 Amp

Starter Motor Rating 12 v 3,0 kW

Fuse Box

Blade fuses located inside the cabin in the instrumentation box.

Battery

Maintenance free gel filled battery 100 Amp Hour rating.

Battery Isolator

Single pole type with lock out mounted onto the right hand side of the frame.

Work Lights

8 lights in total. 4 Facing forwards, 2 facing rearwards, 1 facing side ways on each side of the frame.

Strobe Light

Mounted on the rear of frame

Interior lights

LED mounted inside the cab and inside the engine bay.

ESTIMATED OPERATING WEIGHTS WITH STANDARD OPTIONS

Unladen

Front: 4 118 kg 1 349 kg Rear: 5 467 kg Total:

Laden

Front: 6 365 kg Rear: 375 ka 6 740 kg Total:

Safe Working Load

1 273 kg

Tipping Load 1 400 kg

GRAPPLE

Matriarch LX36

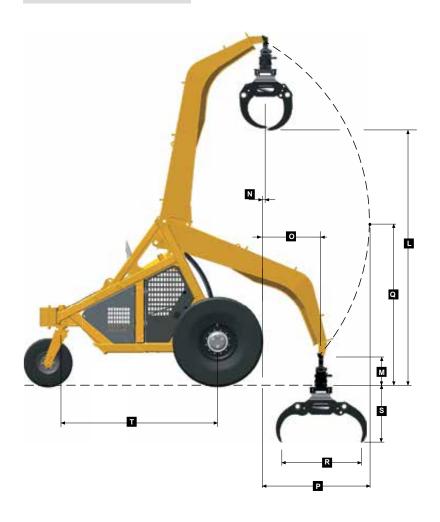
(Matriarch LX42 as an option)

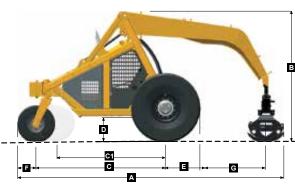
Note: Tyre sizes indicated represent available tyres at printing. Please ensure your choice is available at time of ordering.

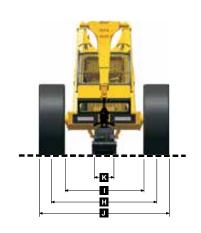
- Low capital outlay
- Low operating cost due to few working parts
 - Low fuel consumption
 - Simple to maintain
 - Multi-purpose unit
 - Highly manoeuvrable

OPERATING POSITION

TRANSPORT POSITION







MACHINE DIMENSIONS			
	MΔ	ACHINE DIM	1ENSIONS

Α	Length - Transport Position with LX36 Grapple Closed	6 240 mm
Α	Length - Transport Position with LX42 Grapple Closed	6 370 mm
В	Height - Transport Position with Grapple closed	3 059 mm
С	Front Axle Centre to Tailwheel Axle Centre	3 030 mm
C1	Front Axle Centre to Tailwheel Axle Centre	2 546 mm
D	Ground Clearance - Front Axle Box	578 mm
Ε	Front Tyre - Free Radius (Free Diameter)	
E1	18.4 x 30 (Std Wheelset)	807.5 mm (°1615)
E2	18.4 x 26 (Option 1)	729 mm ([©] 1458)
ЕЗ	18.4/15 x 30 (Option 2)	774.5 mm ([©] 1549)
E4	18.4 x 34 (Option 3)	837.5 mm ([©] 1675)
E5	18.4 x 26 (Option 4-Dual Wheelset)	729 mm ([©] 1458)
F	Tailwheel - Free Radius (Free Diameter)	
F1	400 x15.5 (Std Wheelset)	432 mm (^ø 864)
F2	18 x 15.5 (Option 1)	490 mm ([©] 980)
G	Reach - Grapple Pivot @ Ground Leve I - LX36 Grapple	1 545 mm
G	Reach - Grapple Pivot @ Ground Level - LX42 Grapple	1 600 mm
Н	Track Width - Front	
H1	18.4 x 30 (Std Wheelset)	2 382 mm
H2	18.4 x 26 (Option 1)	2 279.5 mm
НЗ	18.4/15 x 30 (Option 2)	2 312 mm
H4	18.4 x 34 (Option 3)	2 319 mm
H5	18.4 x 26 (Option 4-Dual Wheelset)	2 681 mm
1	Inside Tyre Width - Front	
11	18.4 x 30 (Std Wheelset)	1 782 mm

12	18.4 x 26 (Option 1)	1 813 mm
13	18.4/15 x 30 (Option 2)	1 846 mm
14	18.4 x 34 (Option 3)	1 851 mm
15	18.4 x 26 (Option 4-Dual Wheelset)	1 687 mm
J	Width over Tyres - Front	
J1	18.4 x 30 (Std Wheelset)	2 982 mm
J2	18.4 x 26 (Option 1)	2 746 mm
JЗ	18.4/15 x 30 (Option 2)	2 778 mm
J4	18.4 x 34 (Option 3)	2 787 mm
J5	18.4 x 26 (Option 4-Dual Wheelset)	3 675 mm
K	Tyre Width - Tailwheel	
K1	400 x 15.5 (Std Wheelset)	385 mm
K2	18 x 15.5 (Option 1)	450 mm
L	Load Over Height - LX36 Grapple	4 586 mm
L	Load Over Height - LX42 Grapple	4 480 mm
М	Grapple Pivot Height - Boom Down Position	529 mm
Ν	Reach-Grapple Pivot - Boom Up Position	44 mm
Ο	Reach-Grapple Pivot - Boom Down Position	1 036 mm
Р	Maximum Reach - Grapple Pivot	1 948 mm
Q	Height - Grapple Pivot @ Maximum Reach	2 964 mm
R	LX36 Grapple Open	1 414 mm
R	LX42 Grapple Open	1 577 mm
S	Maximum Reach - Below Ground - LX36 Grapple	1 001 mm
S	Maximum Reach - Below Ground - LX42 Grapple	1 054 mm
Т	Front Axle Centre to Tailwheel Pivot Centre	2 788 mm

NOTE: Please refer to 225F HP for Tele Logger option dimensions.

All dimensions are Unladen values based on the Standard Wheelsets and Grapple U.O.N.

Negative (-) dimension value denotes position below ground level or behind front of wheel, whichever is applicable.



| Technical Data

ENGINE & ANCILLARIES

Yanmar TNV98T

Configuration 4 cylinder

Aspiration Turbo Charged

Emission Level Tier II

Governed Power 57 kW

Governed Speed 2 200 rpm

Displacement 3 319 cc

Fuel Filter Type In-line water separator with separate spin on fuel filter.

Fuel Filter 5 µm

Coolant Capacity (Engine only) 4 litres

Radiator

Easy access and easy to clean. Agricultural spec fine dust tolerant wide fin spacing.

Fuel Tank

Secure, lockable ground level filling. Integrated into lower section of the frame to keep a low centre of gravity.

Fuel Tank Capacity 100 litres

Air Cleaner Type

Radial Seal 2-stage primary and secondary filters, both fed by a self cleaning pre-cleaner. The system has a dash mounted restriction indicator.

HYDRAULIC SYSTEM

Hydrostatic Drive System Servo controlled Variable displacement closed loop system.

Wheel Drive System

Robust, proven Bell planetary hub driven by high displacement radial piston motor with fail to safe spring applied hydraulically released multidisc wet brake.

Wheel Drive Make & Model Bell #29P

Service Brake Hydrostatic braking through the closed loop system.

Hydraulic Implement Pump 1 Maximum Flow at Engine Rated Speed 60,9 I/min

Hydraulic Implement Pump 1 Maximum Intermittent Pressure 241 bar

Hydraulic Implement Pump 1 Use Boom lift & lower

Hydraulic Implement Pump 2 Maximum Flow at Engine Rated Speed 39,4 l/min

Hydraulic Implement Pump 2 **Maximum Intermittent Pressure**

Hydraulic Implement Pump 2 Maximum Continuous Pressure 250 bar

Hydraulic Implement Pump 2

Attachment - Grapple Open/Close, Tele Ext in/out and Rotator.

Integrated within the tubular frame

Tank Capacity 140 litres

Tank Breather Remote to filler cap, 3 micron rating, 0.75 bar pressure.

Hydraulic Cooler Air Fin Spacing Easy to clean wide fin spacing

ELECTRICAL

System

12 volt system with a single maintenance free battery mounted in the rear of the machine above the tail wheel.

Alternator Output 12 v 80 Amp

Starter Motor Rating 12 v 3,0 kW

Fuse Box

Blade fuses located inside the cabin in the instrumentation box.

Battery

Maintenance free gel filled battery 100 Amp Hour rating.

Battery Isolator

Single pole type with lock out mounted onto the right hand side of the frame.

Work Lights

8 lights in total. 4 Facing forwards, 2 facing rearwards, 1 facing side ways on each side of the frame.

Strobe Light

Mounted on the rear of frame

Interior lights

LED mounted inside the cab and inside the engine bay.

ESTIMATED OPERATING WEIGHTS WITH STANDARD OPTIONS

Unladen 4 309 kg Front: 1 656 kg Rear: Total: 5 965 kg

Laden Boom In **Boom Out** 6 562 kg Front: 6 293 kg 955 kg 712 kg Rear: Total: 7 517 kg 7 005 kg

Safe Working Load

1 568 kg 1 051 kg

Tipping Load

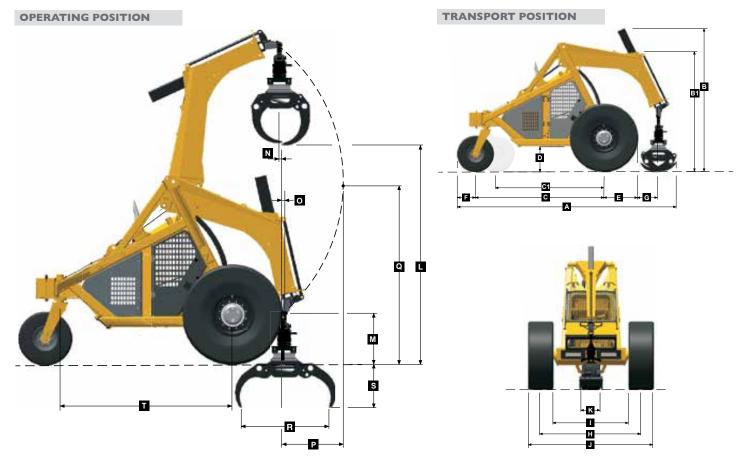
1 157 kg 1 725 kg

GRAPPLE

Matriarch LX42 (Matriarch LX36 as an option)

Note: Tyre sizes indicated represent available tyres at printing. Please ensure your choice is available at time of ordering.

- Low capital outlay
- Low operating cost due to few working parts
 - Low fuel consumption
 - Simple to maintain
 - Highly manoeuvrable



A Length - Transport - LX42 Grapple Closed, Teleboom Extended 6 363 mm J Width over Tyres-Front B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 397 mm J 23.1 x 26 (Std Wheelset) 2 982 mm B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 468 mm J 1 8.4 x 26 (Option 1) 2 778 mm B Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 468 mm J 1 8.4 x 34 (Option 2) 2 787 mm B Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 468 mm J 1 8.4 x 26 (Option 1) 2 787 mm C Front Axle Centre to Tailwheel Axle Centre 2 546 mm K Tyre Width - Tailwheel V 1 8.4 x 34 (Option 3) 2 787 mm C Front Txye - Free Radius (Free Diameter) K 1 400 x 15.5 (Std Wheelset) 385 mm C 1 8.4 x 26 (Option 4-Dual Wheelset) 807.5 mm (°1 458) L L 2 8x 15.5 (Option 1) 450 mm E 1 8.4 x 26 (Option 1) 729 mm (°1 458) L L 2 40 Over Height - LX36 Grapple, Teleboom Extended 3 547 mm E 1 8.4 x 26 (Opt		CHINE BIMENOLONIC				
A Length - Transport - LX36 Grapple Closed, Teleboom Extended 6 232 mm A Length - Transport - LX42 Grapple Closed, Teleboom Extended 5 331 mm A Length - Transport - LX42 Grapple Closed, Teleboom Extended 3 397 mm B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 397 mm B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 397 mm B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 387 mm B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 387 mm B Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 488 mm 3 488 mm 1 Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 426 mm 3 488 mm	MA	CHINE DIMENSIONS				
A Length - Transport - LX36 Grapple Closed, Teleboom Extended 6 232 mm A Length - Transport - LX42 Grapple Closed, Teleboom Extended 5 331 mm A Length - Transport - LX42 Grapple Closed, Teleboom Extended 3 397 mm B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 397 mm B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 397 mm B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 387 mm B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 387 mm B Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 488 mm 3 488 mm 1 Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 426 mm 3 488 mm	Α	Length - Transport - LX36 Grapple Closed, Teleboom Retracted	5 175 mm	13	18.4/15 x 30 (Option 2)	1 846 mm
A Length - Transport - LX42 Grapple Closed, Teleboom Extended 6 363 mm J Width over Tyres-Front 2 31 x 26 (Std Wheelset) 2 982 mm B Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 367 mm J 12 31 x 26 (Std Wheelset) 2 982 mm B Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 468 mm J 18 4 x 26 (Option 1) 2 778 mm C Front Axde Centre to Tailwheel Axle Centre 3 030 mm 3 675 mm J 18 4 x 26 (Option 4-Dual Wheelset) 2 787 mm C Front Axde Centre to Tailwheel Axle Centre 2 546 mm K Tyre Width - Tailwheel 3 675 mm C Front Axde Centre to Tailwheel Axle Centre 2 546 mm K Tyre Width - Tailwheel 3 675 mm C Front Axde Centre to Tailwheel Axle Centre 2 546 mm K Tyre Width - Tailwheel X C Front Tyre - Free Radius (Free Diameter) K Tyre Width - Tailwheel X 18 x 15.5 (Option 1) 4 30 x 15.5 (Std Wheelset) 3 85 mm E 2 3.1 x 26 (Std Wheelset) 3 2.7 mm (°1 458) L Load Over Height - LX36 Grapple, Tele	Α	Length - Transport - LX36 Grapple Closed, Teleboom Extended	6 232 mm	14	18.4 x 34 (Option 3)	1 851 mm
B Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 397 mm J1 8.4 x 26 (Option 1) 2 982 mm B1 Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 367 mm J2 18.4 x 26 (Option 1) 2 746 mm B1 Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 468 mm J3 18.4 x 26 (Option 3) 2 778 mm B1 Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 300 mm J4 18.4 x 34 (Option 3) 2 778 mm B1 Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 300 mm J4 18.4 x 34 (Option 3) 2 778 mm B1 Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 300 mm J7 18 4 x 26 (Option 4) J8 18.4 x 36 (Option 3) 2 778 mm B1 Height - Transport - LX42 Grapple Closed, Teleboom Extended 578 mm J8 18 4 x 26 (Option 4) J8 18 4 x 36 (Option 3) 3 675 mm B1 Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 57 mm H8 W x 15.5 (Std Wheelset) 3 85 mm B1 Height - Transport - LX42 Grapple Closed Closed, Teleboom Extended 3 57 mm H8 W x 15.5 (Std Wheelset) 3 85 mm B1 Height - Transport - LX42 Grapple Closed Closed, Teleboom Extended 3 87.5 mm H6 Gy H2 Load Over Height - LX36 Grapple, Teleboom Extended	Α	Length - Transport - LX42 Grapple Closed, Teleboom Retracted	5 331 mm	15	18.4 x 26 (Option 4-Dual Wheelset)	1 687 mm
Height - Transport - LX36 Grapple Closed, Teleboom Extended 3 367 mm 3 468 mm 3 468 mm 3 469 mm 3 426 mm 3	Α	Length - Transport - LX42 Grapple Closed, Teleboom Extended	6 363 mm	J	Width over Tyres-Front	
B Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 468 mm 3 468 mm 4 186 mm 4 186 mm 3 426 mm 3 426 mm 3 0 30 mm 5 18.4 x 26 (Option 4-Dual Wheelset) 3 675 mm 2 546 mm 4 18 x 26 (Option 4-Dual Wheelset) 3 887.5 mm 6 18 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 2) 4 18 x 4 26 (Option 3) 4 18 x 4 26 (Option 3) 4 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 1) 4 50 mm 2 18 x 4 26 (Option 2) 4 18 x 4 26 (Option 3) 4 18 x 4 26 (Option 3) 4 18 x 4 26 (Option 4-Dual Wheelset) 4 18 x 4 26 (Option 3) 4 18 x 4 26 (Option 4-Dual Wheelset) 4 18 x 4 26 (Option 3) 4 18 x 4 26 (Option 4-Dual Wheelset) 4 18 x 4 26 (Option 1) 4 18 x 4	В	Height - Transport - LX36 Grapple Closed, Teleboom Retracted	3 397 mm	J1	23.1 x 26 (Std Wheelset)	2 982 mm
Bit Height - Transport - LX42 Grapple Closed, Teleboom Extended 3 426 mm 3 436	B1	Height - Transport - LX36 Grapple Closed, Teleboom Extended	3 367 mm	J2	18.4 x 26 (Option 1)	2 746 mm
C Front Axle Centre to Tailwheel Axle Centre 3 030 mm J5 18.4 x 26 (Option 4-Dual Wheelset) 3 675 mm C1 Front Axle Centre to Tailwheel Axle Centre 2 546 mm K Tyre Width - Tailwheel 3 675 mm C1 Front Axle Centre to Tailwheel Axle Centre 2 546 mm K Tyre Width - Tailwheel D Ground Clearance - Front Axle Box 578 mm K Tyre Width - Tailwheel E Front Tyre - Free Radius (Free Diameter) 807.5 mm (°1 615) K 18.4 x 26 (Option 1) 450 mm E2 18.4 x 26 (Option 1) 729 mm (°1 458) L L oad Over Height - LX36 Grapple, Teleboom Extended 3 955 mm E3 18.4 x/15 x 30 (Option 2) 774.5 mm (°1 675) L L oad Over Height - LX36 Grapple, Teleboom Extended 3 441 mm E4 18 x 34 (Option 3) 837.5 mm (°1 675) L L oad Over Height - LX42 Grapple, Teleboom Extended 3 441 mm E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) L L oad Over Height - LX36 Grapple, Teleboom Extended 3 441 mm E5 18.4 x 26 (Option 4-Dual Wheelset) 72 mm (°1 458) L L oad Over Height - LX36 Grapple, Teleboom Extended 3 441 mm M Grapple Pivot Height - DX36 Grapple, T	В	Height - Transport - LX42 Grapple Closed, Teleboom Retracted	3 468 mm	J3	18.4/15 x 30 (Option 2)	2 778 mm
C1 Front Axle Centre to Tailwheel Axle Centre 2 546 mm K Tyre Width - Tailwheel D Ground Clearance - Front Axle Box 578 mm K1 400 x 15.5 (Std Wheelset) 385 mm E Front Tyre - Free Radius (Free Diameter) K2 18 x 15.5 (Option 1) 450 mm E2 18.4 x 26 (Option 1) 729 mm (°1 458) L Load Over Height - LX36 Grapple, Teleboom Extended 3 955 mm E3 18.4 x 26 (Option 3) 837.5 mm (°1 675) L Load Over Height - LX42 Grapple, Teleboom Extended 3 849 mm E4 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) L Load Over Height - LX42 Grapple, Teleboom Extended 3 849 mm E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) M Grapple Pivot Height - Dava Grapple, Teleboom Extended 3 849 mm E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) M Grapple Pivot Height - Dava Grapple, Teleboom Extended 3 849 mm F4 400 x 15.5 (Std Wheelset) 432 mm (°84) M Grapple Pivot Height - Dava Down Position, Teleboom Extended 1 42 mm F4 400 x 15.5 (Std Wheelset)	B1	Height - Transport - LX42 Grapple Closed, Teleboom Extended	3 426 mm	J4	18.4 x 34 (Option 3)	2 787 mm
D Ground Clearance - Front Axle Box 578 mm E Front Tyre - Free Radius (Free Diameter) K2 18 x 15.5 (Option 1) 450 mm E1 23.1 x 26 (Std Wheelset) 807.5 mm (°1 615) L Load Over Height - LX36 Grapple, Teleboom Retracted 3 547 mm E2 18.4 x 26 (Option 1) 729 mm (°1 458) L Load Over Height - LX36 Grapple, Teleboom Extended 3 955 mm E3 18.4 x 34 (Option 2) 837.5 mm (°1 675) L Load Over Height - LX42 Grapple, Teleboom Retracted 3 441 mm E4 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) L Load Over Height - LX42 Grapple, Teleboom Retracted 3 441 mm E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) M Grapple Pivot Height - LX42 Grapple, Teleboom Retracted 3 849 mm E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) M Grapple Pivot Height - LX42 Grapple, Teleboom Retracted 3 849 mm E5 18.4 x 26 (Option 4-Dual Wheelset) 432 mm (°864) M Grapple Pivot Height - LX42 Grapple, Teleboom Retracted 3 18 mm E6 18.4 x 26 (Option 1) 490 mm (°860) N<	С	Front Axle Centre to Tailwheel Axle Centre	3 030 mm	J5	18.4 x 26 (Option 4-Dual Wheelset)	3 675 mm
E Front Tyre - Free Radius (Free Diameter) 807.5 mm (°1 615) 18.4 x 26 (Option 1) 729 mm (°1 458) 18.4 x 34 (Option 2) 774.5 mm (°1 675) 18.4 x 26 (Option 3) 837.5 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 675) 729 mm (°1 675) 729 mm (°1 458) 729 mm (°1 675) 729 mm (°1 675) 729 mm (°1 675) 729 mm (°1 458) 729 mm (°1 675) 729 mm (°1 675) 729 mm (°1 458) 729 mm (°1 675) 729 mm (°1 675) 729 mm (°1 458) 729 mm (°1 675) 729 mm (°1 675) 729 mm (°1 458) 729 mm (°1 458) 729 mm (°1 675) 720 mm (°1 458) 720 mm (°1 458) 720	C1	Front Axle Centre to Tailwheel Axle Centre	2 546 mm	K	Tyre Width - Tailwheel	
Et 23.1 x 26 (Std Wheelset) 807.5 mm (°1 615) L Load Over Height - LX36 Grapple, Teleboom Retracted 3 547 mm E2 18.4 x 26 (Option 1) 729 mm (°1 458) L Load Over Height - LX36 Grapple, Teleboom Extended 3 955 mm E3 18.4 / 15 x 30 (Option 2) 774.5 mm (°1 549) L Load Over Height - LX42 Grapple, Teleboom Retracted 3 441 mm E4 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) L Load Over Height - LX42 Grapple, Teleboom Retracted 3 849 mm E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) L Load Over Height - LX42 Grapple, Teleboom Retracted 3 849 mm E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) N Grapple Pivot Height - LX42 Grapple, Teleboom Extended 816 mm E5 18.4 x 26 (Option 1) 432 mm (°844) N Grapple Pivot Height - Boom Down Position, Teleboom Extended 142 mm F2 18 x 15.5 (Option 1) 490 mm (°980) N Reach-Grapple Pivot - Boom Up Position, Teleboom Extended 866 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 538 mm O Reach-Grapple Pivot - Boo	D	Ground Clearance - Front Axle Box	578 mm	K1	400 x 15.5 (Std Wheelset)	385 mm
E2 18.4 x 26 (Option 1) 729 mm (°1 458) E3 18.4 / 15 x 30 (Option 2) 774.5 mm (°1 549) E4 18.4 x 34 (Option 3) 837.5 mm (°1 675) E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) E6 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) E7 14 400 x 15.5 (Std Wheelset) 729 mm (°1 458) E8 18 x 15.5 (Option 1) 432 mm (°364) E8 18 x 15.5 (Option 1) 490 mm (°364) E8 18 x 15.5 (Option 1) 490 mm (°380) E8 19 x 15.5 (Option 1) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Wheelset) 490 mm (°380) E8 10 x 15.5 (Std Whe	Е	Front Tyre - Free Radius (Free Diameter)		K2	18 x 15.5 (Option 1)	450 mm
E3 18.4/15 x 30 (Option 2) 774.5 mm (°1 549) E4 18.4 x 34 (Option 3) 837.5 mm (°1 675) E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) F Tailwheel - Free Radius (Free Diameter) F1 400 x 15.5 (Std Wheelset) 432 mm (°864) F Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 1 538 mm G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 1 593 mm F Track Width - Front F Tailwheel - Free Radius (Free Diameter) F 18.4 x 26 (Option 4-Dual Wheelset) F 2 18 x 15.5 (Option 1) F 2 18 x 15.5 (Option 1) F 2 18 x 15.5 (Option 1) F 3 18 x 15.5 (Option 1) F 490 mm (°980) F 432 mm (°980) F 490 mm (°980)	E1	23.1 x 26 (Std Wheelset) 807.5	mm (^Ø 1 615)	L	Load Over Height - LX36 Grapple, Teleboom Retracted	3 547 mm
E4 18.4 x 34 (Option 3) 837.5 mm (°1 675) E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) F Tailwheel - Free Radius (Free Diameter) F1 400 x 15.5 (Std Wheelset) 432 mm (°364) F 2 18 x 15.5 (Option 1) 490 mm (°980) G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 1 538 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 561 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm H 2 18.4 x 26 (Option 1) 2 282 mm H 2 18.4 x 26 (Option 2) 2 312 mm H 3 18.4 x 34 (Option 3) 849 mm G Reach - Grapple Pivot Height - LX42 Grapple, Teleboom Extended 3 849 mm G Grapple Pivot Height - Boom Down Position, Teleboom Extended 1 142 mm M Grapple Pivot - Boom Up Position, Teleboom Extended 27 mm N Reach-Grapple Pivot - Boom Up Position, Teleboom Extended 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Exte	E2	18.4 x 26 (Option 1) 729	mm (©1 458)	L	Load Over Height - LX36 Grapple, Teleboom Extended	3 955 mm
E5 18.4 x 26 (Option 4-Dual Wheelset) 729 mm (°1 458) F Tailwheel - Free Radius (Free Diameter) F1 400 x 15.5 (Std Wheelset) 432 mm (°864) F 2 18 x 15.5 (Option 1) 490 mm (°980) G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Retracted 481 mm G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 1 538 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Retracted 561 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm H 7 Track Width - Front H 1 23.1 x 26 (Std Wheelset) 1 2 382 mm H 2 18.4 x 26 (Option 1) 2 279.5 mm H 3 18.4 x 34 (Option 3) M Grapple Pivot Height - Boom Down Position, Teleboom Retracted 27 mm M Grapple Pivot - Boom Up Position, Teleboom Extended 27 mm N Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 39 mm O Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted 30 mm O Reach	E3	18.4/15 x 30 (Option 2) 774.5	mm ([©] 1 549)	L	Load Over Height - LX42 Grapple, Teleboom Retracted	3 441 mm
F Tailwheel - Free Radius (Free Diameter) F1 400 x 15.5 (Std Wheelset) 432 mm (°864) F2 18 x 15.5 (Option 1) G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach - Grapple Pivot, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended G Reach	E4	18.4 x 34 (Option 3) 837.5	mm ([©] 1 675)	L	Load Over Height - LX42 Grapple, Teleboom Extended	3 849 mm
F1 400 x 15.5 (Std Wheelset) 432 mm (°864) F2 18 x 15.5 (Option 1) 490 mm (°980) G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Retracted 481 mm G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 481 mm G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 481 mm G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 481 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 561 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 561 mm H Track Width - Front H Track Width - Front H 23.1 x 26 (Std Wheelset) 1 538 mm Q Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm Q Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm P Hi 23.1 x 26 (Option 1) 2 279.5 mm P Hi 24.4 x 26 (Option 2) 2 312 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 3 9 mm P Maximum Reach - Grapple Pivot, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Retracted 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Retracted 4 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Retracted 4 1 942 mm P Maximu	E5	18.4 x 26 (Option 4-Dual Wheelset) 729	mm ([©] 1 458)	M	Grapple Pivot Height - Boom Down Position, Teleboom Retracted	816 mm
F2 18 x 15.5 (Option 1) 490 mm (°980) G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Retracted 481 mm G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 1 538 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Retracted 561 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Retracted 561 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm H Track Width - Front H 23.1 x 26 (Std Wheelset) P Maximum Reach - Grapple Pivot, Teleboom Extended 1 942 mm Q Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm H 2 18.4 x 26 (Option 1) P Maximum Reach - Grapple Pivot, Teleboom Extended 1 942 mm Q Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm R LX36 Grapple Open 1 414 mm H 18.4 x 34 (Option 3) S Maximum Reach - Below Ground - LX36 Grapple, Teleboom Retracted 714 mm	F	Tailwheel - Free Radius (Free Diameter)		М	Grapple Pivot Height - Boom Down Position, Teleboom Extended	142 mm
G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Retracted 481 mm G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 1 538 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Retracted 561 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm H Track Width - Front H 23.1 x 26 (Std Wheelset) H 2 18.4 x 26 (Option 1) B 18.4 x 26 (Option 2) B 18.4 x 34 (Option 3) C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255 mm C Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 255	F1	400 x 15.5 (Std Wheelset) 43	2 mm (^Ø 864)	Ν	Reach-Grapple Pivot - Boom Up Position, Teleboom Retracted	27 mm
G Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended 561 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Retracted 561 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm H Track Width - Front H 23.1 x 26 (Std Wheelset) H 2 18.4 x 26 (Option 1) H 3 18.4 x 15 x 30 (Option 2) H 3 18.4 x 34 (Option 3) O Reach - Grapple Pivot - Boom Down Position, Teleboom Extended 1 042 mm P Maximum Reach - Grapple Pivot, Teleboom Extended 1 942 mm P Maximum Reach - Grapple Pivot, Teleboom Extended 1 942 mm P Maximum Reach - Grapple Pivot, Teleboom Extended 1 942 mm P Maximum Reach - Grapple Pivot, Teleboom Extended 2 964 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 942 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 1 944 mm P Maximum Reach - Grapple Pivot @ Maximum Reach - Grapple Pivot @ Maximum Reach - Grapple Pi	F2	18 x 15.5 (Option 1) 49	90 mm ([©] 980)	Ν	Reach-Grapple Pivot - Boom Up Position, Teleboom Extended	866 mm
G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Retracted 561 mm G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm H Track Width - Front C Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm C Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm C Reach - Grapple Pivot, Teleboom Extended 1 942 mm C Reach - Grapple Pivot @ Maximum Reach - Grapple Pivot @ Maximum Reach - Grapple Pivot @ Maximum Reach - Grapple Piv	G	Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Retracted	481 mm	0	Reach-Grapple Pivot - Boom Down Position, Teleboom Retracted	39 mm
G Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended 1 593 mm H Track Width - Front Q Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm H2 3.1 x 26 (Std Wheelset) B 4 x 26 (Option 1) B 4 x 26 (Option 1) B 4 x 30 (Option 2) B 5 x 30 (Option 2) B 6 x 31 mm B 7 Maximum Reach - Grapple Pivot, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm C 9 Height - Grapple Pivot @ Maximum Reach - Grapple Pivot @ Maximum Reach - Grapple Pivot @ Maximum Reach	G	Reach - Grapple Pivot @ Ground Level - LX36, Teleboom Extended	1 538 mm	0	Reach-Grapple Pivot - Boom Down Position, Teleboom Extended	255 mm
H Track Width - Front Q Height - Grapple Pivot @ Maximum Reach, Teleboom Retracted 2 964 mm H1 23.1 x 26 (Std Wheelset) Q Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm H2 18.4 x 26 (Option 1) 2 279.5 mm R LX36 Grapple Open 1 414 mm H3 18.4/15 x 30 (Option 2) 2 312 mm R LX42 Grapple Open 1 577 mm H4 18.4 x 34 (Option 3) 2 319 mm S Maximum Reach - Below Ground - LX36 Grapple, Teleboom Retracted 714 mm	G	Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Retracted	561 mm	Р	Maximum Reach - Grapple Pivot, Teleboom Retracted	1 042 mm
H1 23.1 x 26 (Std Wheelset) 2 382 mm Q Height - Grapple Pivot @ Maximum Reach, Teleboom Extended 2 964 mm H2 18.4 x 26 (Option 1) 2 279.5 mm R LX36 Grapple Open 1 414 mm H3 18.4 / 15 x 30 (Option 2) 2 312 mm R LX42 Grapple Open 1 577 mm H4 18.4 x 34 (Option 3) 2 319 mm S Maximum Reach - Below Ground - LX36 Grapple, Teleboom Retracted 714 mm	G	Reach - Grapple Pivot @ Ground Level - LX42, Teleboom Extended	1 593 mm	Р	Maximum Reach - Grapple Pivot, Teleboom Extended	1 942 mm
H2 18.4 x 26 (Option 1) 2 279.5 mm R LX36 Grapple Open 1 414 mm H3 18.4/15 x 30 (Option 2) 2 312 mm R LX42 Grapple Open 1 577 mm H4 18.4 x 34 (Option 3) 2 319 mm S Maximum Reach - Below Ground - LX36 Grapple, Teleboom Retracted 714 mm	Н	Track Width - Front		Q	Height - Grapple Pivot @ Maximum Reach, Teleboom Retracted	2 964 mm
H3 18.4/15 x 30 (Option 2) 2 312 mm R LX42 Grapple Open 1 577 mm H4 18.4 x 34 (Option 3) 2 319 mm S Maximum Reach - Below Ground - LX36 Grapple, Teleboom Retracted 714 mm	H1	23.1 x 26 (Std Wheelset)	2 382 mm	Q	Height - Grapple Pivot @ Maximum Reach, Teleboom Extended	2 964 mm
H4 18.4 x 34 (Option 3) S Maximum Reach - Below Ground - LX36 Grapple, Teleboom Retracted 714 mm	H2	18.4 x 26 (Option 1)	2 279.5 mm	R	LX36 Grapple Open	1 414 mm
	НЗ	18.4/15 x 30 (Option 2)	2 312 mm	R	LX42 Grapple Open	1 577 mm
H5 18.4 x 26 (Option 4-Dual Wheelset) 2 681 mm S Maximum Reach - Below Ground - LX36 Grapple, Teleboom Extended 1 672 mm	H4	18.4 x 34 (Option 3)	2 319 mm	S	Maximum Reach - Below Ground - LX36 Grapple, Teleboom Retract	red 714 mm
	H5	18.4 x 26 (Option 4-Dual Wheelset)	2 681 mm	S	Maximum Reach - Below Ground - LX36 Grapple, Teleboom Extend	ed 1 672 mm
I Inside Tyre Width - Front S Maximum Reach - Below Ground - LX42 Grapple, Teleboom Retracted 768 mm	1	Inside Tyre Width - Front		S	Maximum Reach - Below Ground - LX42 Grapple, Teleboom Retract	ed 768 mm
11 23.1 x 26 (Std Wheelset) S Maximum Reach - Below Ground - LX42 Grapple, Teleboom Extended 1 725 mm	11	23.1 x 26 (Std Wheelset)	1 782 mm	S	Maximum Reach - Below Ground - LX42 Grapple, Teleboom Extend	ed 1 725 mm
12 18.4 x 26 (Option 1) 1 813 mm T Front Axle Centre to Tailwheel Pivot Centre 2 788 mm	12	18.4 x 26 (Option 1)	1 813 mm	Т	Front Axle Centre to Tailwheel Pivot Centre	2 788 mm

NOTE: Please refer to 225F for Crank option dimensions. All dimensions are Unladen values based on the Standard Wheelsets and Grapple U.O.N.

Negative (-) dimension value denotes position below ground level or behind front of wheel, whichever is applicable.

| Technical Data

ENGINE & ANCILLARIES

Yanmar TNV98

Configuration 4 cylinder

Aspiration Naturally aspirated

Emission Level Tier II

Governed Power 45 kW

Governed Speed 2 200 rpm

Displacement 3 319 cc

Fuel Filter Type In-line water separator with separate spin on fuel filter.

Fuel Filter 5 µm

Coolant Capacity (Engine only) 4 litres

Radiator

Easy access and easy to clean. Agricultural spec fine dust tolerant wide fin spacing.

Fuel Tank

Secure, lockable ground level filling. Integrated into lower section of the frame to keep a low centre of gravity.

Fuel Tank Capacity 100 litres

Air Cleaner Type

Radial Seal 2-stage primary and secondary filters, both fed by a self cleaning pre-cleaner. The system has a dash mounted restriction indicator.

HYDRAULIC SYSTEM

Hydrostatic Drive System Servo controlled Variable displacement closed loop system.

Wheel Drive System Robust, proven Bell planetery hub driven by high displacement radial piston motor with fail to safe spring applied hydraulically released

Wheel Drive Make & Model Bell #24P

multidisc wet brake.

Service Brake Hydrostatic braking through the closed loop system.

Hydraulic Implement Pump 1 Maximum Flow at Engine **Rated Speed** 60,9 l/min

Hydraulic Implement Pump 1 **Maximum Intermittent Pressure** 241 bar

Hydraulic Implement Pump 1 Mast lift & lower

Hydraulic Implement Pump 2 Maximum Flow at Engine Rated Speed 39,4 l/min

Hydraulic Implement Pump 2 Maximum Intermittent Pressure 280 har

Hydraulic Implement Pump 2 Maximum Continuous Pressure

Hydraulic Implement Pump 2

Attachment - Grab open/close and

Tank

Integrated within the tubular frame

Tank Capacity 140 litres

Tank Breather Remote to filler cap, 3 micron

rating, 0.75 bar pressure.

Hydraulic Cooler Air Fin Spacing Easy to clean wide fin spacing.

ELECTRICAL

System

12 volt system with a single maintenance free battery mounted in the rear of the machine above the tail wheel.

Alternator Output 12 v 80 Amp

Starter Motor Rating 12 v 3,0 kW

Fuse Box

Blade fuses located inside the cabin in the instrumentation box.

Battery

Maintenance free gel filled battery 100 Amp Hour rating.

Battery Isolator

Single pole type with lock out mounted onto the right hand side of the frame.

Work Lights

8 lights in total. 4 Facing forwards, 2 facing rearwards, 1 facing side ways on each side of the frame.

Strobe Light

Mounted on the rear of frame

Interior lights

LED mounted inside the cab and inside the engine bay.

ESTIMATED OPERATING WEIGHTS WITH STANDARD OPTIONS

Unladen

Front: 3 764 kg 1 206 kg Rear: Total: 4 970 kg

Boom In Laden **Boom Out** 5 529 ka 5 784 ka Front: Rear: 533 kg 278 kg Total: 6 062 kg 6 062 ka

Safe Working Load

1 100 kg

Tipping Load 1 210 kg

GRAB

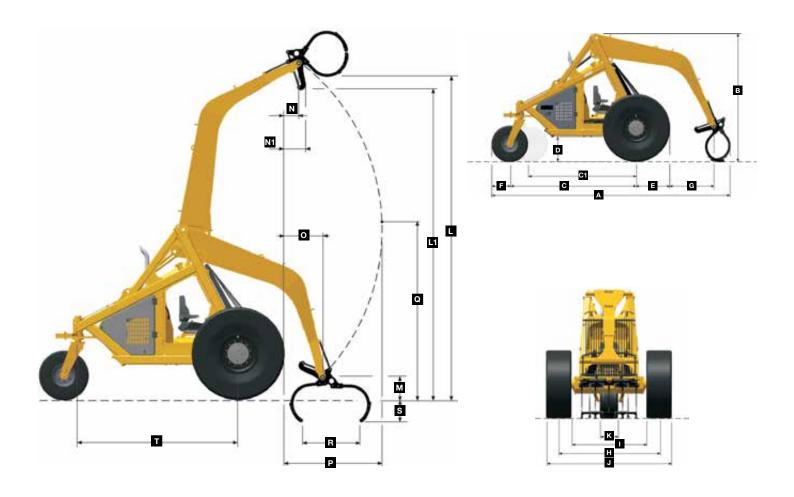
0,36 m² grab

Note: Tyre sizes indicated represent available tyres at printing. Please ensure your choice is available at time of ordering.

- Lowest cost per tonne solutions
 - Low fuel consumption
 - Low maintenance
- Designed for field and zone loading operations
 - Efficient and productive loading

OPERATING POSITION

TRANSPORT POSITION



MA	CHINE DIMENSIONS				
Α	Length - Transport Position with Grab Closed		5 720 mm	13	18.4/15 x 30 (option 2)
В	Height - Transport Position with Grab Closed		3 064 mm	14	(1 /
С	Front Axle Centre to Tailwheel Axle Centre		3 030 mm	15	18.4 x 26 (Option 4 Dua
C1	Front Axle Centre to Tailwheel Axle Centre		2 546 mm	J	Width over Tyres - Fron
D	Ground Clearance - Front Axle Box		582 mm	J.	1 18.4 x 26 (Std Wheels
E	Front Tyre - Free Radius (Free Diameter)			J2	2 23.1 x 26 (Option 1)
E1	18.4 x 26 (Std Wheelset)	(ø1 458)	729 mm	J	3 18.4/15 x 30 (Option 2)
E2	23.1 x 26 (Option 1)	(ø1 458)	729 mm	J۷	1 18.4 x 34 (Option 3)
ЕЗ	18.4/15 x 30 (Option 2)	(ø1 549)	774.5 mm	J	5 18.4 x 26 (Option 4 Du
E4	18.4 x 34 (Option 3)	(ø1 675)	837.5 mm	K	Tyre Width - Tailwheel
E5	18.4 x 26 (Option 4 Dual Wheelset)	(ø1 458)	729 mm	K	1 400 x 15.5 (Std Whee
F	Tailwheel - Free Radius (Free Diameter)			K	2 18 x 15.5 (Option 1)
F1	400 x 15.5 (Std Wheelset)	(ø864)	432 mm	L	Load Over Height - Ca
F2	18 x 15.5 (Option 1)	(ø980)	490 mm	L.	1 Load Over Height
G	Reach-Grab Pivot @ Ground Level		1 061 mm	M	Grab Pivot Height - Bo
Н	Track Width - Front			Ν	Reach - Grab Pivot - B
H1	18.4 x 26 (Std Wheelset)		2 279.5 mm	Ν	1 Reach - Grab Boom U
H2	23.1 x 26 (Option 1)		2 279.5 mm	0	Reach - Grab Pivot - B
НЗ	18.4/15 x 30 (Option 2)		2 312 mm	Р	Maximum Reach - Gra
Н4	18.4 x 34 (Option 3)		2 319 mm	Q	Height - Grab Pivot @
H5	18.4 x 26 (Option 4 Dual Wheelset)		2 681 mm	R	Grab Open
I	Inside Tyre Width - Front			S	Maximum Reach - Beld
11	18.4 x 26 (Std Wheelset)		1 813 mm	Т	Front Axle Centre to Ta
12	23.1 x 26 (Option 1)		1 813 mm		

13	18.4/15 x 30 (option 2)	1 846 mm
14	18.4 x 34 (Option 3)	1 851 mm
15	18.4 x 26 (Option 4 Dual Wheelset	1 687 mm
J	Width over Tyres - Front	
J1	18.4 x 26 (Std Wheelset)	2 746 mm
J2	23.1 x 26 (Option 1)	2 746 mm
J3	18.4/15 x 30 (Option 2)	2 778 mm
J4	18.4 x 34 (Option 3)	2 787 mm
J5	18.4 x 26 (Option 4 Dual Wheelset)	3 675 mm
K	Tyre Width - Tailwheel	
K1	400 x 15.5 (Std Wheelset)	385 mm
K2	18 x 15.5 (Option 1)	450 mm
L	Load Over Height - Cane Grab Tines	5 629 mm
L1	Load Over Height	5 399 mm
М	Grab Pivot Height - Boom Down Position	406 mm
Ν	Reach - Grab Pivot - Boom Up Position	245 mm
N1	Reach - Grab Boom Up Position	368 mm
0	Reach - Grab Pivot - Boom Down Position	665 mm
Р	Maximum Reach - Grab Pivot	1 768 mm
Q	Height - Grab Pivot @ Maximum Reach	2 969 mm
R	Grab Open	972 mm
S	Maximum Reach - Below Ground	379 mm
Τ	Front Axle Centre to Tailwheel Pivot Centre	2 788 mm

| Technical Data

ENGINE & ANCILLARIES

Yanmar TNV98

Configuration 4 cylinder

Aspiration Naturally aspirated

Emission Level Tier II

Governed Power 45 kW

Governed Speed 2 200 rpm

Displacement 3 319 cc

Fuel Filter Type In-line water separator with separate spin on fuel filter.

Fuel Filter 5 µm

Coolant Capacity (Engine only) 4 litres

Radiator

Easy access and easy to clean. Agricultural spec fine dust tolerant wide fin spacing.

Fuel Tank

Secure, lockable ground level filling. Integrated into lower section of the frame to keep a low centre of gravity.

Fuel Tank Capacity 100 litres

Air Cleaner Type

Radial Seal 2-stage primary and secondary filters, both fed by a self cleaning pre-cleaner. The system has a dash mounted restriction indicator.

HYDRAULIC SYSTEM

Hydrostatic Drive System Servo controlled Variable displacement closed loop system.

Wheel Drive System

Robust, proven Bell planetery hub driven by high displacement radial piston motor with fail to safe spring applied hydraulically released multidisc wet brake.

Wheel Drive Make & Model Bell #24P

Service Brake

Hydrostatic braking through the closed loop system.

Hydraulic Implement Pump 1 Maximum Flow at Engine Rated Speed 60,9 I/min

Hydraulic Implement Pump 1 **Maximum Intermittent Pressure** 241 bar

Hydraulic Implement Pump 1 Mast lift & lower

Hydraulic Implement Pump 2 **Maximum Flow at Engine** Rated Speed 39,4 l/min

Hydraulic Implement Pump 2 Maximum Intermittent Pressure 280 har

Hydraulic Implement Pump 2 Maximum Continuous Pressure

Hydraulic Implement Pump 2

Attachment - Mast tilt

Integrated within the tubular frame

Tank Capacity 140 litres

Tank Breather

Remote to filler cap, 3 micron rating, 0.75 bar pressure.

Hydraulic Cooler Air Fin Spacing Easy to clean wide fin spacing.

ELECTRICAL

System

12 volt system with a single maintenance free battery mounted in the rear of the machine above the tail wheel.

Alternator Output 12 v 80 Amp

Starter Motor Rating 12 v 3,0 kW

Fuse Box

Blade fuses located inside the cabin in the instrumentation box.

Battery

Maintenance free gel filled battery 100 Amp Hour rating.

Battery Isolator

Single pole type with lock out mounted onto the right hand side of the frame

Work Lights

8 lights in total. 4 Facing forwards, 2 facing rearwards, 1 facing side ways on each side of the frame.

Strobe Light

Mounted on the rear of frame

Interior lights

LED mounted inside the cab and inside the engine bay.

ESTIMATED OPERATING WEIGHTS WITH STANDARD OPTIONS

Unladen

Front: 4 567 kg Rear: 2 211 kg Total: 6 778 kg

Laden

Front: 9 814 kg Rear: 464 kg 10 278 kg Total:

Safe Working Load 3 500 kg

FORKS

Carriage 1.2 m wide 2,5 m wide (option)

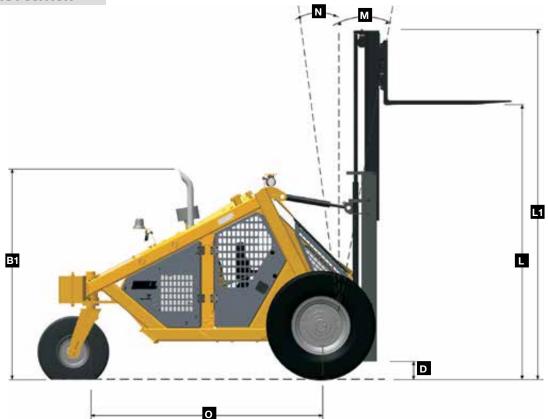
Note: Tyre sizes indicated represent available tyres at printing. Please ensure your choice is available at time of ordering.

- 3.5 ton capacity
- Lowest cost per tonne solutions
 - Low fuel consumption

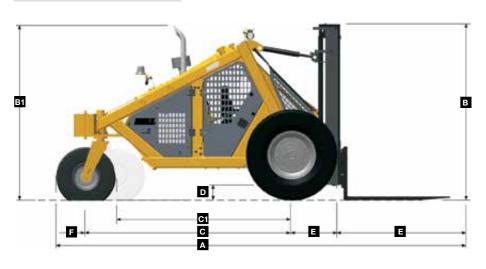
Low maintenance

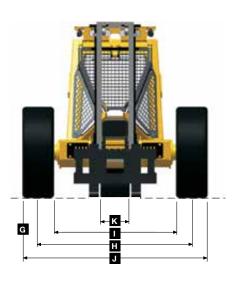
- Designed for rough terrain operations
- Where agility and productivity are requirements

OPERATING POSITION



TRANSPORT POSITION





MACHINE DIMENSIONS

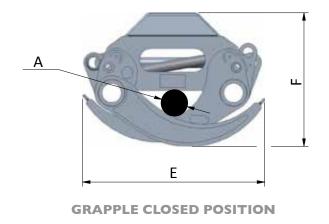
Α	Length-Transport Position - Standard Carriage	5 739 mm	
Α	Length-Transport Position - Wide Carriage	5 789 mm	
В	Height - Mast - Transport Position		2 569 mm
B1	Height - Exhaust - Transport Position		2 563 mm
С	Front Axle Centre to Tailwheel Axle Centre		2 998 mm
C1	Front Axle Centre to Tailwheel Axle Centre		2 577 mm
D	Ground Clearance - Mast		231 mm
Ε	Front Tyre 17.5 x 25 - Free Radius (Free Diameter)	(1 348)	674 mm
F	Tailwheel: 400 x 15.5 - Free Radius (Free Diameter)	(864)	432 mm
G	Reach-Standard Carriage		1 643 mm

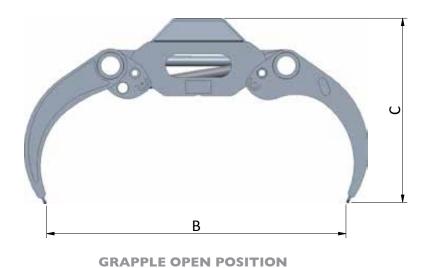
G	Reach - Wide Carriage	1 693 mm
Н	Track Width - Front: 17.5 x 25	2 249 mm
1	Inside Tyre Width - Front: 17.5 x 25	1 787 mm
J	Width over Tyres - Front: 17.5 x 25	2 711 mm
Κ	Tyre Width - Tailwheel: 400 x 15.5	385 mm
L	Height - Fork Tines @ Maximum Reach	3 342 mm
L1	Height - Mast @ Maximum Reach	4 238 mm
М	Maximum Forward Tilt Angle	10°
Ν	Maximum Rearward Tilt Angle	7.5°
0	Front Axle Centre to Tailwheel Pivot Centre	2 788 mm

| Grapple Dimensions & Operating Weights

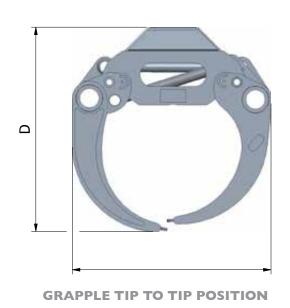
Bell Grapple Dimensions Dimensions in millimeters U.O.N						
		Matriarch LX36	Matriarch LX42			
А	Min. Closed Diameter	106	111			
В	Grapple Open	1 630	1 783			
С	Grapple Height - Open	823	893			
D	Grapple Height - Tip to Tip	983	1 066			
Е	Grapple Closed	948	1 040			
F	Grapple Height - Closed	625	669			
G	Width Outer Tines	448	448			
	Tip to Tip Area	0.36 m ²	0.42 m ²			
	Weight - No Damper	222 kg	247 kg			

Operating Weights							
	Safe Working Load	Tipping Load					
225F Crank Logger	1 273 kg	1 400 kg					
225F HP Tele Logger							
Boom In	1 568 kg	1 725 kg					
Boom Out	1 051 kg	1 157 kg					
125F Cane Loader	1 100 kg	1 210 kg					
225F Forklift	3 500 kg	-					









| Cab Options





225F Cr.	225F HD COGO	76/6 /Ser	225F F Load	CONTINUE CON	/,	225E Grank Lo	HP Tele I	225F Cane Load	LOPALITY (CONTINUE)
155/	3	15	155	•/	150		7/3	1/5	'/
(% /	W/	~/	W/	FDONE WILLIAM	/ 0	/ °V	/ 📈	(W	MICCELL ANEQUIC (CONTINUED)
_				TROIT WITELESETS					MISCELLANEOUS (CONTINUED)
• 4		<u> </u>	-	460/85-30 T410			-	📥	Door Proximity Switches
<u>^</u> ⁴	_ `	•	-	18.4 x 26 10 Ply	_ <u>♣</u>		-	-	Log Rest
		•	-	18.4 x 34 10 Ply					Fire Extinguisher Bracket
		<u>•</u>	-	Dual, 18.4/15X26		•		ullet	Back up alarm
🐧		<u> </u>	-	23.1-26 T418FS					WARNING LIGHTS (INSTRUMENTATION
^ 4		^	-	23.1-26 Forestry					WARNING LIGHTS/INSTRUMENTATION
- '	- '	-		17.5 x 25 L4 12 Ply					Hydraulic charge filter bypass
- '	- '	-		17.5 x 25 L3 12 Ply					Engine oil pressure Engine coolant temperature high
				REAR WHEELSETS					Hydraulic oil temperature high
		•		400/60-15.5 T404					Air cleaner blocked
		<u>.</u>	-	18.0 x 15.5 EcoAgri					Low fuel
	- -		-	420/55-17 T421					Battery charge
			_	420/55-17 BKT AS504					Cold start
		_		400/60-15.5 BKT TR822 14Ply					Park brake active
				400/00 10.0 BRT 111022 141 ly					Reverse Camera
				SEAT					Fleetm@tic®
		•	•	Unsuspended Lap Belt	-			🗖	Hoodingto
				Suspended					SWITCHES
				Unsuspended 4 Point Harness	•	•	•	•	Ignition (key)
	_ _	_	_			•	•		Hour metre
				ATTACHMENT		•	•	•	Park brake
-	. .	-	-	Matriarch LX36	•	•	•	•	Horn
	_	-	-	Matriarch LX42	•	•	•	•	Interior lights
_ .	-	•	-	Cane Grab	•	•	•	•	Cold start aid
- -	- -	-	•	Fork-lift with 1.2, Wide Carriage	•	•	•	•	Battery isolator
- -	- -	-	\blacksquare	Fork-lift with 2.5, Wide Carriage					•
- -	- -	-	POA	Fork-lift with Brick Clamp					SENSORS
- -	- -	-	POA	Fork-lift with Tyre Clamp	•	$ \bullet $	•	ullet	Low fuel level
							\blacksquare		Door open proximity
				WORK LIGHTS	•		•	ullet	Air cleaner blocked
		•		Halogen Lights	•	$ \bullet $	•	ullet	Hydraulic charge filter bypass
A		▲		LED 1800L	•		•	•	Engine oil pressure
A	A 4	▲		LED 3500L	•		•	ullet	Engine coolant temp
					•		•	ullet	Hydraulic oil temperature
				ВООМ	A			 	Reverse alarm
-	- •	•	-	Cane Boom					
• 4	• ·	-	-	Crank Boom					CAB (see page 15 for details)
^ •	•	-	-	Tele Boom	•	 	•	<u> </u>	Basic option
^ 4	• '	-	-	Ext Tele Boom	_ <u>♣</u>	^		•	Cab doors (no glazing)
				COLINTED WEIGHT		^	-	^	Windscreen and wiper/washer
				COUNTER WEIGHT		 	-	 	Windscreen and wiper/washer with cab doors
		_		1 Weight					(no glazing in doors)
		•		4 Weights			-	 	Full deluxe (full glazing)
^ '	• 	•	•	6 Weights					LANGUAGE
				MISCELLANEOUS					
				Rear View Side Mirrors					English French
• •	• '	-		(Note: not available if Log Rest Option is selected)					Spanish
1 1	- 1	- 1		(1 toto, flot available if Log flost Option is selected)					Spariion

Please note that all information supplied in this brochure is intended to assist the customer in understanding the general applications of Bell Equipment's F-series machines.

Performance information is intended for estimating purposes only. Due to the many variables unique to individual operations such as weather, terrain, ground conditions, operator productivity, etc neither Bell Equipment Company nor its Dealers warrant that the machines described will perform as estimated.

Due to Bell Equipment's policy of constant product improvement, specifications are subject to change without notice.

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