



**KELLANDS**



**MULTIDRIVE // THE**

# **ULTIMATE**

**ALL-TERRAIN LOAD CARRIER**









THERE'S NOTHING QUITE LIKE A  
**MULTIDRIVE**

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# WHY MULTIDRIVE?

01

## Unrivalled traction

Positive drive technology

02

## Enhanced comfort

Now available with Gen III cab

03

## Superior hauling capacity

Carry payloads of up to 10,000kg while hauling up to 18,000kg

04

## 50km/h transport speed

Safe, stable and fuel efficient

05

## Enhanced safety

Consistent, even braking on steep banks

06

## Impressive height clearance

Available with a range of large diameter row crops wheels

07

## Low ground pressure

Outstanding power to weight ratio

08

## Greater control

Customise the machine's performance to the field conditions

09

## Easy to use

Straightforward design layout and ergonomic controls

10

## Unrivalled versatility

The ultimate all-purpose, all-terrain load-carrying vehicle



# RUGGED

## AND VERSATILE

One of the toughest series of multi-purpose load carriers ever built, the Multidrive range is precision-engineered in the UK for quality, durability and longevity.

### Robust build quality

Proven in some of the most challenging working conditions from war zones in Africa to the Australian outback, Kellands Multidrive machines are **exceptionally rugged** and are built to thrive on the busy workloads of professional contractors and challenging terrains the World over.

### Unrivalled versatility

The ultimate all-purpose, all-terrain load-carrying vehicle, Multidrive machines offer a **flexibility that cannot be matched** in the industry. Popular as a spreader and sprayer they are capable of carrying payloads of up to 10,000kg while hauling up to 18,000kg.













# POSITIVE

## DRIVE TECHNOLOGY

Featuring a true 4WD system that delivers power to all four wheels simultaneously for consistent traction, Multidrive machines improve safety; enable operators to work in tough terrain and challenging conditions – enhancing both precision and control.

### Power efficiency

95% of power generated is delivered to the contact area of the tyre – compared with just 80% for rival hydrostatic machines which squander power by moving oil around the machine. This **increased efficiency** also eradicates power lag, improves performance and delivers better fuel economy.

### Enhanced safety

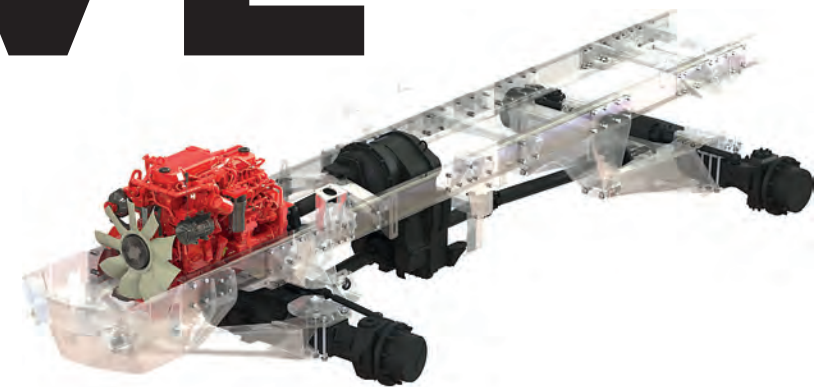
Positive drive technology delivers one of the **safest user experiences** on the market and enables operators to work in challenging field conditions. Reliable traction reduces the risk of wheel-spin and ensures consistent even braking and protection from hydraulic overrun on steep banks.

### Greater control

The Multidrive delivers a smooth and comfortable ride on the road and **outstanding traction and torque** in the field. A variety of specialist steering modes ensure the best in manoeuvrability and enables operators to customise the machine's performance to the field conditions and task at hand.

### Low running costs

Unlike hydrostatic machines which have to run at high engine revs all the time for a consistent oil flow, Kellands machines place less strain on the engine and moving parts. Multidrives are also **easier to service and maintain** than hydrostatic machines, which often have to be returned to the manufacturer when they need to be repaired. That means lower running costs, a major reduction in downtime, and greater reliability.





# PERFORM

## IN THE FIELD AND ON THE ROAD

Fast and comfortable on the road and safe and stable in the field – the Multidrive not only expands the working area of operators but also enables them to work in a wider range of conditions and terrains.

### Proven power packs

Multidrive machines feature **proven and reliable power units** from world leaders in engine technology, including John Deere Power Tech models and the new fuel-efficient Tier-4 compliant 6.7ltr Cummins diesel engine which delivers an 19% increase in power, 20% boost in torque and a reduction in fuel consumption of 8%.

### Better on the road

Drive at speeds of up to 50km/h on the road, reducing travelling time to and from jobs and creating opportunities to expand your patch. The ride is **safe and stable**, and fuel costs are lower than that of hydrostatic machines which need more power and more revs to match the speed of a mechanical drive machine.

### Enhanced mobility and power efficiency

Heavy-duty front and rear steering axles provide **safe and reliable** carriage of heavy loads. Strong differentials and four planet hub reduction gears are used, ensuring 95% of the engine power is transmitted reliably to the contact area of the tyre.

### Manoeuvrability

A **choice of steering modes** gives operators the opportunity to adapt the machine to the conditions and task at hand. Dependent on the model these include: 2-wheel, 4-wheel, 6-wheel, Delay mode, Crab and Offset steering.













# GREATER PRODUCTIVITY

With a sprayer tank capacity of up to 9,000-litres or a maximum payload weight of 14,000kg there are few machines in the world that can match the raw productive potential of the Multidrive.

## Easy to use

With a gentle learning curve, reliable traction and precise intuitive control, there are few machines as sophisticated– yet so simple to master. A **straightforward design layout** and ergonomic controls enable operators to use the machine with confidence in just a few hours.

## Flexibility and self-reliance

**Best-in-class** hauling capacity enables operators to add complimentary spray bowsers, or haul tele-handlers when using spreader attachments for full self-reliance in the field.

## Greater work opportunities

So renowned for its low ground pressure and perfect weight distribution that it has been used in war zones for mine clearance, Multidrive machines **reduce damage to fields and crops** and enable operators to work in conditions where other machines could not.

## Faster and more versatile

The outstanding versatility of the Multidrive and the quick and easy mounting and demounting process enables operators to offer a **wider range of services**, while 50km/h road transport speeds reduce unproductive time getting to and from jobs.



### Enhanced Comfort

Mounted on a state-of-the-art hydraulic suspension system which **reduces noise and vibration**, Kellands cabs feature an air-suspension KAB seat, advanced sound-proofing and insulation and full climate control.

### 360-degree visibility

Our cabs offer outstanding 360-degree visibility ensuring the **best in safety, manoeuvrability and precision**. The new Gen III cab of the F380 takes this to the next level with an innovative curved cab with 9sq metres of glass featuring an integrated visor and dot-matrix sun shield to ease glare.

### Active carbon filtration

Kellands keeps you safe with enhanced cab insulation and an active carbon filtration system that **protects you from contamination** and enables you to work long hours in the field.

### Spacious work environment

Roomy enough for even the tallest operators, both the World Class and Gen III cabs are among the most **space efficient** in the business and come complete with a generous buddy seat, room for multiple displays, and document storage.

### Enhanced precision

Equipped with an innovative floating console which moves alongside the seat to **prevent fatigue** and enhance precision, Kellands' cabs also feature the latest in joystick, GPS and multi-function steering technology, putting the full functionality at your fingertips.

# UNRIVALLED

## COMFORT, VISIBILITY & SPACE

Kellands has developed next-generation cab technology that ensures you can work longer, safer, and more productively, and has even developed a brand new Gen III forward-control cab for those seeking the very best in comfort and visibility.







# MULTIDRIVE M380-4 & M420-4

The newest addition to the Multidrive fleet, the new M380-4 and M420-4 feature a Tier-4 compliant Cummins diesel engine that delivers a 19% boost in power, a 20% increase in torque and a reduction in fuel consumption of around 8%.

<b>MULTIDRIVE M380-4</b>			
<b>Chassis</b>	3.8 and 4.2 metre wheel base	Purpose built ladder type with DOMEX high tensile steel C-Sections & Bolted cross members	4 or 6 point quick-attach implement mounting system
<b>Engine</b>	Cummins 225hp QSB6.7 litre 225 hp/168 kw @ 2300 r.p.m	Peak power 230hp (172kw) @2,000 r.p.m 949Nm/700 lb/ft @ 1500 r.p.m	40 cfm Turbo-charged intercooled air compressor
<b>Transmission</b>	ZF 6WG160 fully automatic with torque converter lock-up & manual over-ride Six forward & three reverse gears operated with single lever control	Electrically operated 2/4WD select Front wheel drive disconnect	Hydraulic parking brake Lockable centre diff and parking brake
<b>Axles</b>	Heavy duty front and rear steering with switch operated differential locks	Planetary reduction hubs and dual circuit power operated multi-plate oil immersed brakes	72" – 80" track
<b>Steering</b>	7-function Four-Wheel-Steering system	Road mode	2WS, 4WS, Crab, Delay, Manual, Offset
<b>Suspension</b>	Articul-air suspension system with front & rear self-levelling air suspension	A-frame trailing arm front and H-frame trailing arm rear	Heavy duty shock absorbers
<b>Hydraulic system</b>	Hydraulic PTO flow control system with in-cab electronic control Load sensing 45cc + 33cc gear pump. PTO output with in-cab controls	1 x D/A spool valve & kit to suit implement electro-hydraulic system	Side mounted oil tank with filter & gauge
<b>Cab</b>	World series mid-mounted cab with all-round tinted glass for panoramic vision Climate controlled air conditioning DAB Stereo/CD player with Bluetooth KAB suspension seat with lap belt & arm rests	Adjustable steering column MCU TFT instrument display and control system Digital dash instrument display Control console for implement control gear Buddy seat	Large electric side mirrors with adjustable arms Work lights Aerolite twin LED flashing beacon Wide/deep anti-slip access steps KAB air-suspension seat
<b>Additional</b>	Stainless steel exhaust pipe 300 litre side mounted fuel tank Front & rear road lights	Front mudguards 7-pin trailer lighting socket at rear Additional bonnet lamps	Automatic reversing camera with night vision Nose camera
<b>Tyre &amp; fixed center wheels</b>	Michelin Multibib 540/65 R30 Michelin Axiobib 620/75 R30 Michelin Axiobib 650/75 R30 Michelin MachXbib 710/55 R30	Alliance 385 18.4 R34 Michelin Multibib 600/65 R34 Kleber Super-3 300/95 R46	Michelin Agribib 340/85 R46 Michelin Agribib 380/90 R46 Michelin SprayBib 380/90 R46
<b>Optional equipment</b>	Uprated hydraulic systems and oil coolers Additional hydraulic spool valves Range of drawbars or hydraulic pick-up hitches Hydraulic and/or air trailer brake systems Alternative mudguards to suit particular wheels & tyres	Instrument mounting bracket – in cab Carbon cab filters (in-lieu of standard card filters) Bolt on step extension Galvanized chassis finish	Stainless steel fuel & hydraulic tanks Automatically regulating PTO outputs Rear work lights Reversing alarm
<b>Load capacity</b>	10,000kg including implement & product	18,000kg Hauling Capacity	
<b>Road speed</b>	50 k.p.h maximum		











# MULTIDRIVE F380

Delivering the full benefits of Kellands' all-terrain M380 multi-purpose load carrier, the forward control Multidrive F380 also features the enhanced comfort and visibility of the Gen III 360-degree curved glass cab - combining best-in-class performance with greater safety and precision.

MULTIDRIVE F380			
<b>Chassis</b>	3.8 metre wheel base	Purpose built ladder type with DOMEX high tensile steel C-Sections & bolted cross members	6-point quick-attach implement mounting system
<b>Engine</b>	Cummins 225hp QSB6.7 litre 225 hp/168 kw @ 2300 r.p.m	Peak power 230hp (172kw) @2,000 r.p.m 949Nm/700 lb/ft @ 1500 r.p.m	40 cfm Turbo-charged intercooled air compressor
<b>Transmission</b>	ZF 6WG160 fully automatic with torque converter lock-up & manual over-ride	Six forward & three reverse gears operated with single lever control	Electrically operated 2/4WD select Lockable centre diff and parking brake
<b>Axles</b>	Heavy duty front and rear steering with switch operated differential locks	Planetary reduction hubs and dual circuit power operated multi-plate oil immersed brakes	72" - 80" track
<b>Steering</b>	Pentronic 5-function Four-Wheel-Steering system	2WS, 4WS	Crab, Delay-1 & Delay-2
<b>Suspension</b>	A-frame trailing arm front and H-frame trailing arm rear	Load sensitive air suspension front & rear	Heavy duty shock absorbers
<b>Hydraulic system</b>	Load sensing 45cc + 33cc gear pump. PTO output with in-cab controls	1 x D/A spool valve & kit to suit implement electro-hydraulic system	Side mounted oil tank with filter & gauge
<b>Cab</b>	Generation III front-mounted cab with all-round tinted glass for panoramic vision Climate controlled air conditioning with carbon filters Stereo/CD player KAB air suspension seat with lap belt & arm rests	Adjustable steering column AMC digital dash instrument display Control console with 12v power socket for implement control gear Buddy seat and storage locker	6 LED work lights Aerolite twin LED flashing beacon Large electrically adjustable side mirrors on adjustable arms Wide/deep anti-slip access steps
<b>Additional</b>	Engine cover with gullwing side access panels 300 litre side mounted fuel tank	Front & rear road lights Front mudguards	7-pin trailer lighting socket at rear
<b>Tyre &amp; fixed center wheels</b>	Michelin Multibib 540/65 R30 Michelin Axiobib 620/75 R30 Michelin Axiobib 650/75 R30	Michelin MachXbib 710/55 R30 Alliance 385 18.4 R34 Michelin Multibib 600/65 R34	Michelin Agribib 380/90 R46 Michelin SprayBib 380/90 R46
<b>Optional equipment</b>	Up-rated hydraulic systems and oil coolers Additional hydraulic spool valves Range of drawbars or hydraulic pick-up hitches	Hydraulic and/or air trailer brake systems Alternative mudguards to suit particular wheels & tyres	Galvanized chassis finish Stainless steel fuel & hydraulic tanks
<b>Load capacity</b>	10,000kg including implement & product	18,000kg Hauling Capacity	
<b>Road speed</b>	50 k.p.h maximum		



# MULTIDRIVE M380 & M420

The Multidrive M380 and M420 are rugged, high capacity load carriers. Available in 3.8 and 4.2m wheelbase options, the Multidrive is a proven, multi-purpose vehicle both in the field and on the road.

## TECHNICAL SPECIFICATION

<b>Chassis</b>	Choice of 3.8 and 4.2m wheel base models	Purpose built ladder type with DOMEX high tensile steel C-Sections & bolted cross members	4 or 6 point quick-attach implement mounting system
<b>Engine</b>	John Deere 6-cylinder 6.8 litre PowerTech	195 hp/144 kw @ 2000 r.p.m	785Nm/579 lb/ft @ 1500 r.p.m
<b>Transmission</b>	ZF 6WG160 fully automatic with torque converter lock-up & manual over-ride	Six forward & three reverse gears operated with single lever control Electrically operated 2/4WD select	Lockable centre diff and parking brake
<b>Axles</b>	Heavy duty front and rear steering with switch operated differential locks	Planetary reduction hubs and dual circuit power operated multi-plate oil immersed brakes	72" - 80" track
<b>Steering</b>	Pentronic 5-function Four-Wheel-Steering system	2WS, 4WS,	Crab, Delay-1 & Delay-2
<b>Suspension</b>	A-frame trailing arm front and H-frame trailing arm rear	Front & Rear load-sensitive air suspension	Heavy duty shock absorbers
<b>Hydraulic system</b>	Load sensing 45cc + 33cc gear pump. PTO output with in-cab controls	1 x D/A spool valve & kit to suit implement electro-hydraulic system	Side mounted oil tank with filter & gauge
<b>Cab</b>	World series mid-mounted cab with all-round tinted glass for panoramic vision Climate controlled air conditioning Stereo/CD player KAB suspension seat with lap belt & arm rests	Adjustable steering column AMC digital dash instrument display Control console for implement control gear Buddy seat	Work lights Aerolite twin LED flashing beacon Large side mirrors on adjustable arms Wide/deep anti-slip access steps
<b>Additional</b>	2-stage easy access/hinged bonnet assembly Stainless steel exhaust pipe	300 litre side mounted fuel tank Front & rear road lights	Front mudguards 7-pin trailer lighting socket at rear
<b>Tyre &amp; fixed center wheels</b>	Michelin Multibib 540/65 R30 Michelin Axiobib 620/75 R30 Michelin Axiobib 650/75 R30	Michelin MachXbib 710/55 R30 Alliance 385 18.4 R34 Michelin Multibib 600/65 R34 Kleber Super-3 300/95 R46	Michelin Agribib 340/85 R46 Michelin Agribib 380/90 R46 Michelin SprayBib 380/90 R46
<b>Optional equipment</b>	Uprated hydraulic systems and oil coolers Additional hydraulic spool valves Range of drawbars or hydraulic pick-up hitches Hydraulic and/or air trailer brake systems	Alternative mudguards to suit particular wheels & tyres Instrument mounting bracket - in cab KAB Air suspension seat Carbon cab filters (in-lieu of standard card filters)	Bolt on step extension Rear screen wipe/wash Galvanized chassis finish Stainless steel fuel & hydraulic tanks
<b>Load capacity</b>	10,000kg including implement & product	18,000kg Hauling Capacity	
<b>Road speed</b>	50 k.p.h maximum		











# MULTIDRIVE M380-XT & M420-XT

Designed to meet the needs of Control Traffic Farming (CTF) systems, the XT series is built around the tried and trusted Multidrive platform and features wider width axles for 2.2m to 3.0m track widths.

## MULTIDRIVE M380-XT & M420 -XT

<b>Chassis</b>	Choice of 3.8 and 4.2m wheel base models	Purpose built ladder type with DOMEX high tensile steel C-Sections & bolted cross members	4 or 6 point quick-attach implement mounting system
<b>Engine</b>	John Deere 6-cylinder 6.8 litre PowerTech	225 hp/168 kw @ 2000 r.p.m	970Nm/715 lb/ft @ 1600 r.p.m
<b>Transmission</b>	ZF 6WG160 fully automatic with torque converter lock-up & manual over-ride	Six forward & three reverse gears operated with single lever control Electrically operated 2/4WD select	Lockable centre diff and parking brake
<b>Axles</b>	Heavy duty front and rear steering with switch operated differential locks	Planetary reduction hubs and dual circuit power operated multi-plate oil immersed brakes	2.2m to 3.0m track
<b>Steering</b>	Pentronic 5-function Four-Wheel-Steering system	2WS, 4WS,	Crab, Delay-1 & Delay-2
<b>Suspension</b>	A-frame trailing arm front and H-frame trailing arm rear	Front & Rear load-sensitive air suspension	Heavy duty shock absorbers
<b>Hydraulic system</b>	Load sensing 45cc + 33cc gear pump. PTO output with in-cab controls	1 x D/A spool valve & kit to suit implement electro-hydraulic system	Side mounted oil tank with filter & gauge
<b>Cab</b>	World series mid-mounted cab with all-round tinted glass for panoramic vision Climate controlled air conditioning Stereo/CD player KAB suspension seat with lap belt & arm rests	Adjustable steering column AMC digital dash instrument display Control console for implement control gear Buddy seat	Work lights Aerolite twin LED flashing beacon Large side mirrors on adjustable arms Wide/deep anti-slip access steps
<b>Additional</b>	2-stage easy access/hinged bonnet assembly Stainless steel exhaust pipe	300 litre side mounted fuel tank Front & rear road lights	Front mudguards 7-pin trailer lighting socket at rear
<b>Tyre &amp; fixed center wheels</b>	Michelin Multibib 540/65 R30 Michelin Axiobib 620/75 R30 Michelin Axiobib 650/75 R30	Michelin MachXbib 710/55 R30 Alliance 385 18.4 R34 Michelin Multibib 600/65 R34 Kleber Super-3 300/95 R46	Michelin Agribib 340/85 R46 Michelin Agribib 380/90 R46 Michelin SprayBib 380/90 R46
<b>Optional equipment</b>	Uprated hydraulic systems and oil coolers Additional hydraulic spool valves Range of drawbars or hydraulic pick-up hitches Hydraulic and/or air trailer brake systems	Alternative mudguards to suit particular wheels & tyres Instrument mounting bracket - in cab KAB Air suspension seat Carbon cab filters (in-lieu of standard card filters)	Bolt on step extension Rear screen wipe/wash Galvanized chassis finish Stainless steel fuel & hydraulic tanks
<b>Load capacity</b>	10,000kg including implement & product	18,000kg Hauling Capacity	
<b>Road speed</b>	50 k.p.h maximum		



# MULTIDRIVE M550

The largest and most productive machine in the Multidrive range, the M550 features six-wheel stability, perfect weight balance and a 5.5m wheelbase. It can be fitted with a huge 9,000-litre spray tank and can haul loads of up to 14,000kg.

<b>MULTIDRIVE M550</b>			
<b>Chassis</b>	5.5 metre wheel base	Purpose built ladder type with DOMEX high tensile steel C-Sections & bolted cross members	6-point quick-attach implement mounting system
<b>Engine</b>	John Deere 6-cylinder 6.8 litre PowerTech	266 hp/196 kw @ 2000 r.p.m	1025 Nm/756 lb/ft @ 1500 r.p.m
<b>Transmission</b>	Funk DF250 11 speed with fully automatic or manual power shift modes.	Single lever control with shuttle shift capability Inching pedal for precise manoeuvrability	Electrically operated 2/4/6WD select Lockable centre diff and parking brake
<b>Axles</b>	Heavy duty front, middle and rear steering with switch operated differential locks	Planetary reduction hubs and dual circuit power operated multi-plate oil immersed brakes	72" - 80" track
<b>Steering</b>	Pentronic 4-function Six-Wheel-Steering system	2WS, 6WS	Delay-1 & Delay-2
<b>Suspension</b>	A-frame trailing arm front and leading arm middle with H-frame trailing arm rear	Load sensitive air suspension	Heavy duty shock absorbers
<b>Hydraulic system</b>	Load sensing 45cc + 33cc gear pump. PTO output with in-cab controls	1 x D/A spool valve & kit to suit implement electro-hydraulic system	Side mounted oil tank with filter & gauge
<b>Cab</b>	World series mid-mounted cab with all-round tinted glass for panoramic vision Climate controlled air conditioning Stereo/CD player KAB suspension seat with lap belt & arm rests	Adjustable steering column AMC digital dash instrument display Control console for implement control gear Buddy seat	Work lights Aerolite twin LED flashing beacon Large side mirrors on adjustable arms Wide/deep anti-slip access steps
<b>Additional</b>	2-stage easy access/hinged bonnet assembly Stainless steel exhaust pipe	300 litre side mounted fuel tank Front & rear road lights	Front mudguards 7-pin trailer lighting socket at rear
<b>Tyre &amp; fixed center wheels</b>	Michelin Axiobib 620/75 R30 Michelin Axiobib 650/75 R30	Michelin Multibib 600/65 R34 Michelin Agribib 380/90 R46	Michelin SprayBib 380/90 R46
<b>Optional equipment</b>	Uprated hydraulic systems and oil coolers Additional hydraulic spool valves Range of drawbars or hydraulic pick-up hitches Hydraulic and/or air trailer brake systems	Alternative mudguards to suit particular wheels & tyres Instrument mounting bracket - in cab KAB Air suspension seat Carbon cab filters (in-lieu of standard card filters)	Bolt on step extension Rear screen wipe/wash Galvanized chassis finish Stainless steel fuel & hydraulic tanks
<b>Load capacity</b>	14,000kg including implement & product	12,000kg Hauling Capacity	
<b>Road speed</b>	50 k.p.h maximum		





# SALES, SERVICE AND SUPPORT

Kellands customers can count on **world-class sales support** with specialist advice direct from the manufacturer, one-to-one consultations with experienced sales professionals and expert guidance on creating new machines to precise personal specifications.

## Product support

We pride ourselves on delivering **exceptional after-care** support for Multidrive - offering a comprehensive range of parts and a **highly experienced team** of service professionals with nationwide coverage.

## Online store

Make use of our easy-to-use 24/7 online store for a range of spares and components for your Multidrive. We stock 1000s of parts of all shapes and sizes which can be ordered online using our secure payment facility.





# THE HARD FACTS

Before you go, don't forget the facts: The Multidrive is a versatile and robust, multi-purpose load carrier with positive mechanical drive that sets new standards for performance, traction and comfort.

## Personal approach

At Kellands every machine is hand built. Our personal approach allows almost everything to be customised to individual specifications – from the repositioning of filters to upgrades and modifications.

- 01 Unrivalled traction
- 02 Enhanced comfort
- 03 Superior hauling capacity
- 04 50km/h transport speed
- 05 Enhanced safety
- 06 Impressive height clearance
- 07 Low ground pressure
- 08 Greater control
- 09 Easy to use
- 10 Unrivalled versatility





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