

# KOMPACTOR

BROCHURE





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# Why Kompact?







## MORE

More material carried, up to 40% more  
More safety as tipping is eliminated  
More comfort due to hydraulic suspension



## LESS

Less tipping trailers required  
Less tractors and manpower  
Less running costs  
Less time unloading



## MULTIPLY

Larger variety of materials can be carried  
Larger size of individual loads  
Locations where trailer can unload  
Loads can be partly ejected

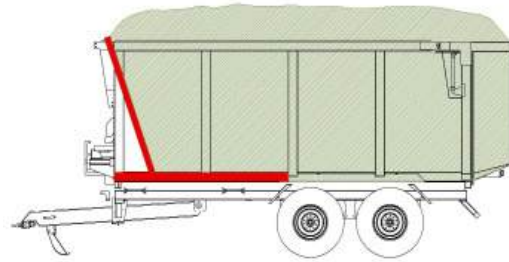


## DIVIDE

Travel time and trips  
Material handling  
Risks of overturning and bridging  
Risks of overhead obstacles



# Loading



The Kompactors are loaded towards the rear to gain maximum compaction and capacity. The operator monitors filling through a large perspex panel on the headboard. The compacting headboard extends above the sides which allows the loader operator to monitor compaction and movement.

The Kompactors are available in three sizes:

<b>K36</b>	22 ft	tandem axle on R22.5	36m <sup>3</sup>
<b>K40</b>	24 ft	tridem axle on R22.5	40m <sup>3</sup>
<b>K50</b>	28 ft	tridem axle on R26.5	50m <sup>3</sup>

It is also possible to fit greedy boards to further increase capacity.

How it works

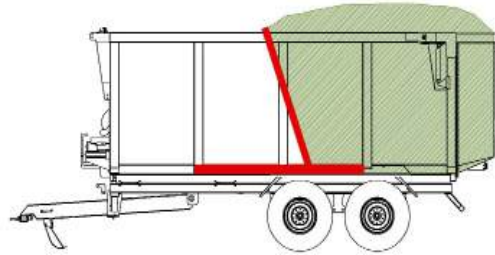








# Kompaction

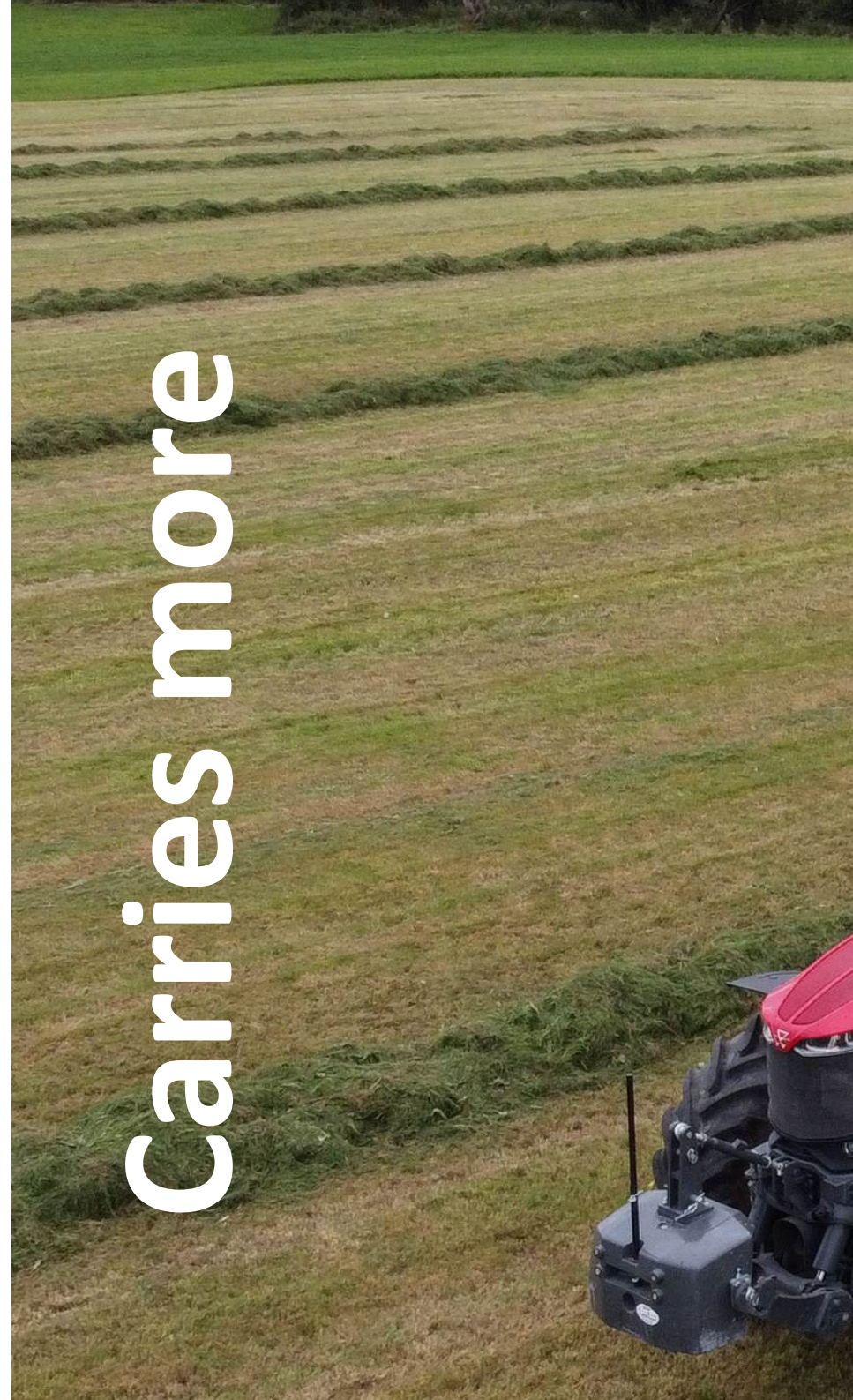


The Kompactor uses a unique sliding floor and headboard to compact. The sliding floor carries most of the load while the headboard compacts material against the tailboard. The tailboard is secured in position via 'drop & lock' catches for increased strength. Compacting can be performed at any time. The more compaction achieved the greater the volume of material carried.

Depending on material, the Kompactor can carry an additional 40% over tipping trailers. Compaction means the Kompactor increases efficiency, reduces your fleet, fuel and manpower costs and ultimately saves you money.

It is simply more productive than a tipping trailer.

Carries more

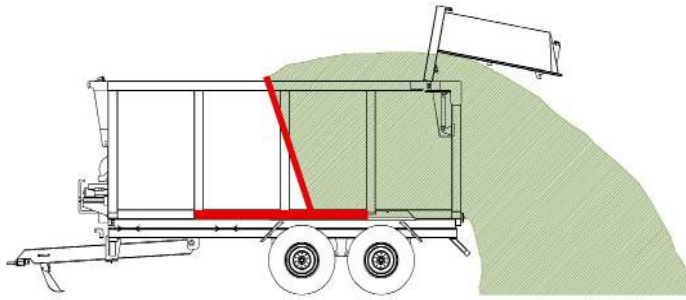








# Unloading

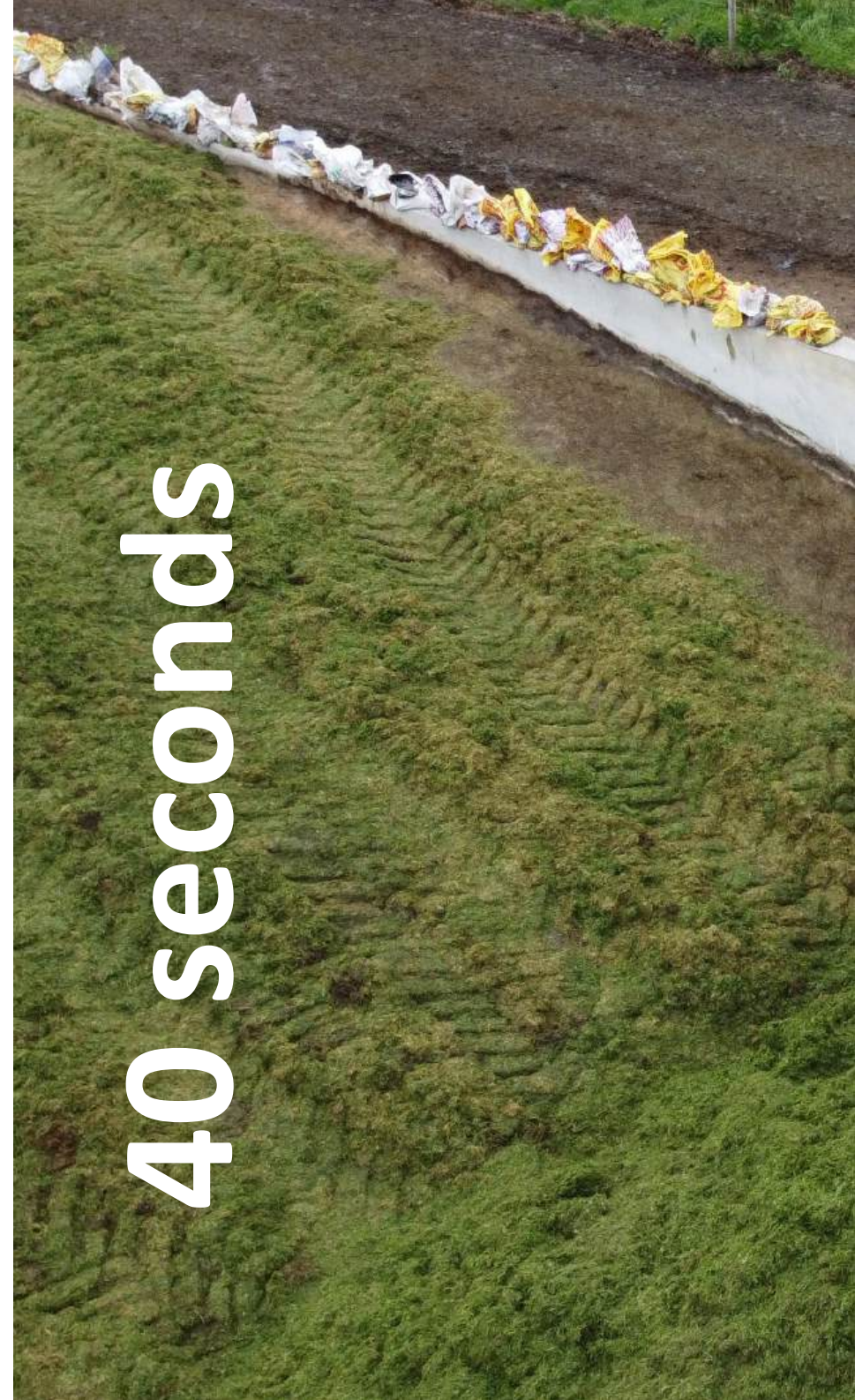


The Kompactor unloads in under one minute. The rear tailboard lifts from its 'drop & lock' latches and extends upwards and outwards through ninety degrees. This provides maximum clearance for the load to eject.

To begin unloading, the floor and headboard move simultaneously. When the moving floor nears the end of the trailer body, the headboard begins to move at a faster pace to fully empty the trailer.

The Kompactor is often carrying larger loads than tipping trailers and performs this unloading in the safest manner. The operator doesn't worry about bridging material as with a raised tipper, or waiting for the body to descend safely.

The Kompactor can be used to partially empty the load, which is useful for multiple customers with the same product. The Kompactor can also unload in much lower buildings which reduces handling.



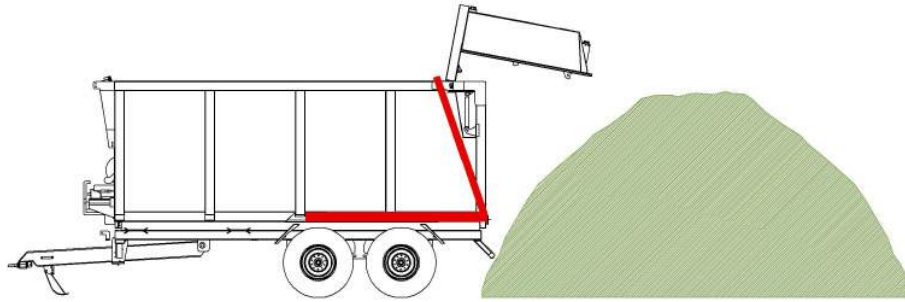
40 seconds







# Safety



The Kompactor unloads under one minute allowing for a safe and efficient turnaround. The Kompactors are also carrying more material per trip, therefore reduce total trips. This leads to a reduction in manpower further increasing safety.

Risks from overhead cables, bridging and tipping are reduced. The Kompactors also don't push the tractor during unloading. A safe and speedy operation is good for business.



Safety & Speed







**K36**







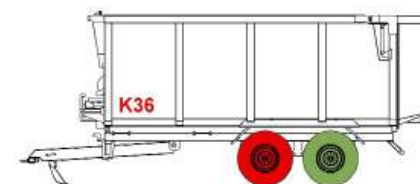
# Calling all Contractors

## Compact your costs

The K36 (22 ft) is a tandem trailer designed to compact your costs and maximise capacity. Compaction allows a K36 to carry an additional 40% depending on material. You can reduce the fleet of tractors and trailers, saving running costs, wages and fuel.

Compaction is performed during filling to achieve maximum capacity. A multi-stage ram pushes the headboard and floor during compaction. The floor carries most of the load to reduce stress on the headboard. Rubber seals in the body help to maintain a tight construction.

The K36 is fitted on a passive rear steering tandem axle. A unique hydraulic sprung drawbar offers unrivalled comfort and 560/60 R22.5 tyres provide grip on road and field surfaces. Air over hydraulic brakes ensure you have precision while braking.



 **STEERING**

**K36 Standard**

Rear Steer

 **RIGID**

The K36 is fitted with passive rear steering as standard. Passive rear steering follows the tractor and is hydraulically locked to reverse.

*Optional forced rear steering is fitted with a spoon hitch*







# Kompress & Klean Out

Our unique unloading allows the Kompactor to “kompress & klean out” in the smallest of spaces. Add in the fact that you have a larger compacted load, the Kompactor can perform where tipping trailers can’t.



**More capacity**  
**More material**  
**More safety**  
**More efficient**



**Less handling**  
**Less trips**  
**Less tractors**  
**Less trailers**  
**Less overhead obstructions**

Are just some of the reasons to try a Kompactor for yourself.





# A CLAAS Act

Get even more from your harvester by compacting the load during filling. The Kompactor can carry additional volume via compaction on the move.

The Kompactor is more manoeuvrable than a larger tipping trailer and easier to navigate around yards.

The additional volume carried reduces the amount of trips, saving fuel, manpower and ultimately reducing your running costs.

Contractors need to be aware of their costs and the Kompactor is a trailer that can save you money.















40 seconds later....

## A Short Film

*Only 40 seconds long*



The Kompactor unloads quickly and safely. Carrying a compacted load that unloads faster and safer than tipping and its straight back to work.



**K40** 







## K40 Carries more

Measuring 40 cubic metres or 24' length, the K40 carries more. It is fitted on a triple axle for maximum carrying capacity. Passive rear steering enables the K40 to turn easily. 560/60 R22.5 tyres fitted as standard are ideal for road and field work.

The Kompactor is fitted with a multi-stage ram for compaction and unloading. This multi-stage ram pushes the floor first, then allows the headboard to completely empty the trailer. This multi-stage ram is inserted deep into the body so there is no projection towards the front. A hose reeler ensures the hydraulic hoses are neat and tidy during operation.

The Kompactor has a large viewing window at the front to allow the operator maximum control over compaction and unloading.











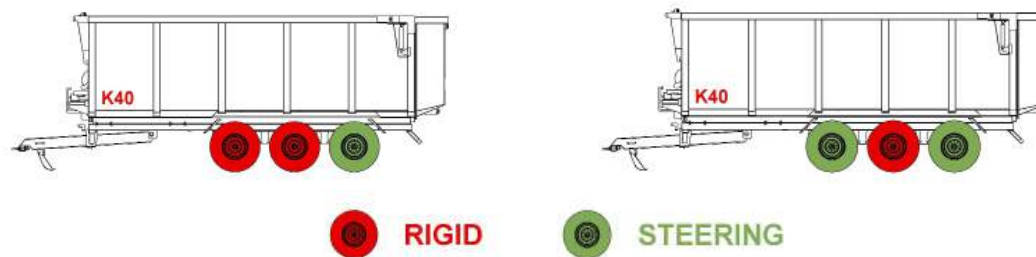
# Kompaction on the move

On the move compaction is one of the key traits of the Kompactor.

The Kompactor introduces greater efficiencies and its ability to compact the load ensures you carry more everytime. Depending on the material it can carry up to 40% greater volume than an equivalent tipping trailer. Using the dynamic headboard the Kompactor compresses material during loading. This compression ensures a denser load.

The Kompactor unloads under one minute and offers enhanced safety. Push emptying removes the risk of overturning or bridging at height. The Kompactor has the ability to perform tasks that are outside the abilities of tippers. The ability to unload into low buildings ensures handling is reduced and opens new possibilities for transport.

Maintenance of the Kompactor is extremely low with wear stripes easy to replace. The Kompactor is easy to use with the two hydraulic functions including tailboard and headboard operation. The K40 is fitted with double LED road-lights and LED reversing lamps.



<b>K40</b>	<b>Standard</b>	Passive Rear Steer Only	<b>Optional</b>	Forced Front & Rear
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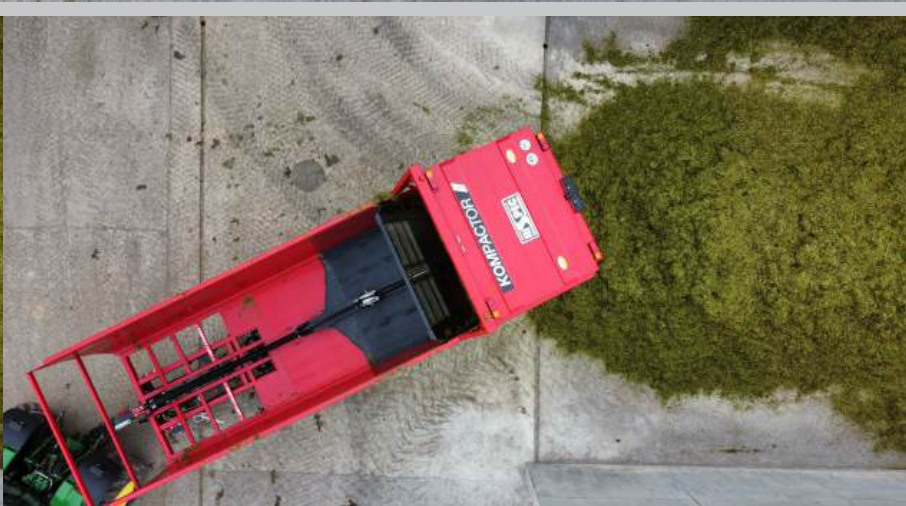
The K40 is fitted with passive rear steering as standard. Passive rear steering follows the tractor and is hydraulically locked to reverse.

*Optional forced front and rear steering is fitted with a spoon hitch.*





A view from above







**A bird's eye view of safety**

Using the dynamic headboard the Kompactor can unload in one minute. This offers safety and speed. The Kompactor can unload over uneven ground or into low buildings. There is no waiting for a body to descend.



**K50**









## K50 **Bigger is Better**

The K50 is the largest trailer in the Kompactor range. The body measures 28 foot and allows the K50 to carry compacted capacities equivalent to 65m cubed.

The K50 is sitting on 600/55 R26.5 tyres for reduced rolling resistance. These tyres increase overall height but provide the added benefit of more ground contact for field work.

Despite its overall length the K50 is remarkably manoeuvrable due to passive front and rear steering, and slightly more forward placement of the axle.









# COMPACTED

# FULL

# OF

# FEATURES



## AXLE

The Kompactor is supported on a single leaf parabolic commercial axle. This single leaf setup allows for a very stable trailer for high speed.

Rear steering is provided to aid turn and manoeuvrability. Air over hydraulic braking is fitted for improved stopping power.



## **STRENGTH**

The Kompactor body is fitted with vertical bracing and a folded body sheet to retain inherent strength. This bracing helps to maintain body shape during compaction.

The Kompactor is also fitted with additional tie bars at the front to maintain a tight body.

## **COMPACTION**

The secret of the Kompactor lies in the moving headboard and floor. During loading, the headboard can compact material against the tailboard to increase payload.

The moving floor is used to help carry some of the load, and reduce overall stress on the headboard.





# PACKED WITH FEATURES



## HYDRAULIC DRAWBAR

The Kompactor is fitted with a load sensing hydraulic sprung drawbar. As the trailer travels, oil flows from the rams to accumulators to dampen any shock when travelling. The rams can also be used to set the trailer level.

## HOSE REELER

The spring loaded hose reeler keeps the hydraulic hoses taut and tidy. As the headboard compacts, the reeler unwinds the hoses for the rams. This keeps the hoses suspended and free from entanglement.



Model	Standard Tyre
<b>K36</b>	560/60 R22.5
<b>K40</b>	560/60 R22.5
<b>K50</b>	600/55 R26.5



**560/60 R22.5**  
**600/50 R22.5**

**600/55 R26.5**

**565** (22") **1244** (46")  
**611** (24") **1172** (46")  
**611** (24") **1333** (52")

560/60 R22.5 are ideal tyres for general field use for the Kompactor. They provide the best characteristics of flotation and radial construction to provide a superior performance.

It has excellent self-cleaning properties and is a top performer on road applications.





### **'DROP & LOCK' TAILBOARD**

The tailboard is fitted with a secure 'Drop & Lock' fasteners to prevent strain on the tailboard when compacting.

To open, the tailboard lifts above the fasteners and extends outwards and upwards through 90 degrees.

### **VISUAL**

The Kompactor is fitted with a large perspex window on the headboard. This allows the operator to monitor loading and unloading.





# OPTIONAL



## UP AND OVER COVER

Cover your Kompactor to prevent material from scattering. The cover is guided via spring loaded arms.

A hydraulic motor unwinds the cover as the arms travel back. The motor retracts the cover before loading or unloading.



## GREASE BANK

### *Maintenance made easy*

This option routes all axle grease points out to a central bank for easier maintenance.



## GREEDY BOARDS

### *Looking for extra capacity?.*

Our 200mm greedy boards increase overall capacity. The boards are bolted to the top of the Kompactor to increase height and carrying capacity.

The boards have laser cut mesh to allow a self propelled operator view headboard movement during compaction.

A compacted load with greedy boards ensures even less trips.





## SPOON HITCH

A K80 ball and spoon coupling provides safer, shunt free towing and up to 90% less wear than the traditional swivel ring.



## WEIGHING



### *Know what you are carrying?*

The Kompactor can be fitted with on-board weighing to accurately show loads. A Dinamica Generale weighing system complete with an DG 600 indicator will display total loaded weight.

As an further option, a scoreboard display can be fitted. This display is larger and brighter and allows the loader operator to monitor the loaded weight from a greater distance.





## DEMOUNTABLE



## DEMOUNTABLE

The Kompactor is available as a demount which allows the same running gear to be used with a Kompactor or a slurry tanker. The trailer or tanker body is hydraulically lifted and placed on adjustable legs. The chassis is then pulled out to use with the other implement. Twist locks secure the body in place. The tanker can be customised to specification.



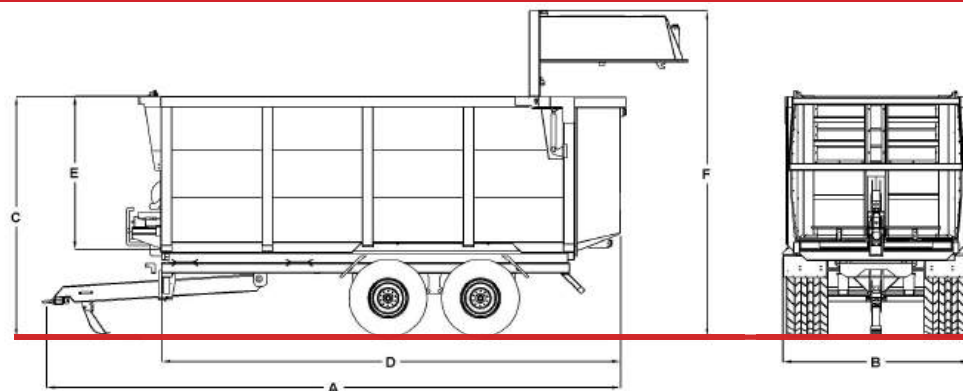


## TECHNICAL

### Kompactor

Standard Specification includes:

50mm swivel ring hitch	Hydraulic sprung drawbar	Drawbar stand
Parabolic commercial axles	420 x 180 hydraulic brakes	Air over hydraulic brakes
Hydraulic tailboard	Hydraulic headboard	LED road-lights x2
LED strobe beacons	Number-plate holder	Reversing LED lamps x2
Mudguards	Red painted finish	Parking brake



Model	Standard Tyre		Axles	Brakes	Steering		Length A	Width B	Height C	Body Length D	Body Height E	Max Height F	Capacity m³	Unladen kg
<b>K 36</b>	560/60 R22.5		2 x 127mm	420 x 180	Rear		8450	2700	3550	6770	2300	4800	36	7200
<b>K 40</b>	560/60 R22.5		3 x 127mm	420 x 180	Rear		9150	2700	3550	7470	2300	4800	40	9100
<b>K 50</b>	600/55 R26.5		3 x 127mm	420 x 180	Front & Rear		10500	2700	3550	8770	2300	5200	50	10500

## GET IN TOUCH



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*HiSpec believes the specification in this brochure to be correct at the time of printing. However, specifications, standard equipment and options are subject to change without notice.*

*Some equipment may be unavailable at time of manufacture. Please ask your dealer for advice concerning current availability of standard and optional equipment, and your dealer will verify that your Kompactor will include the equipment you ordered.*

*All images in this brochure may be shown with optional equipment.*

Authorised Dealer Stamp

