

KOMPACTOR

BROCHURE



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Kompactor Ejector Trailer

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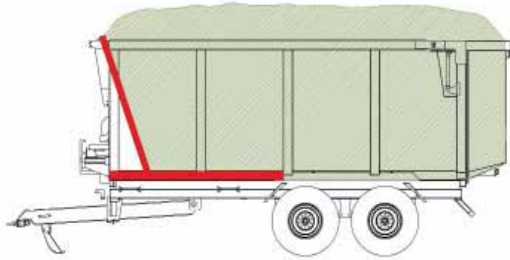
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KOMPAKTOR

HISPEC

KOMPAKTOR

HOW IT WORKS

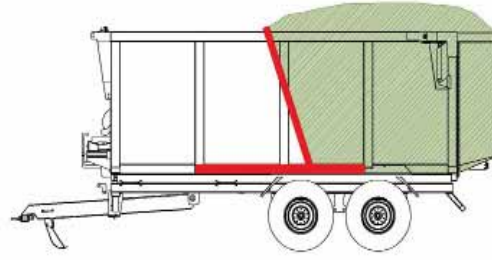


1

Loading

The Kompactor is loaded towards the rear. This allows the Kompactor to compact the maximum load possible. A moving floor and headboard are used to continuously compact the load against the tailboard. The headboard and floor are then moved forward so that loading can continue.

Depending on the frequency of compaction and the material loaded it is possible for an additional 30% volume to be carried over comparable tipping trailers.

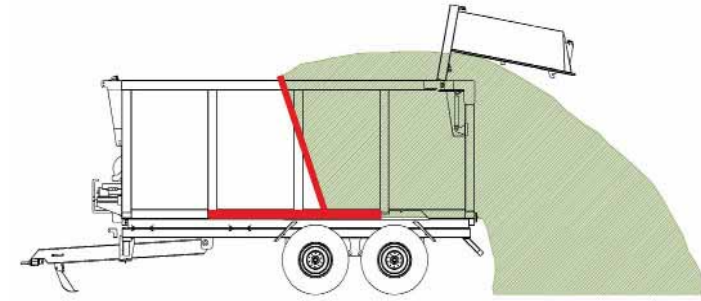


2

Kompaction

Compaction can be performed as the trailer is working and also on the headland. During compaction the load is carried on the floor to save pressure on the headboard. This ensures that compaction is safe and overall stresses are reduced on the body.

Due to this unique compaction it is possible to carry greater loads than tipping trailers and thereby reduce the numbers in your fleet.



3

Unloading

The Kompactor is the safest method of unloading as tipping is eliminated from operation. With the tailboard opened, the headboard and moving floor are used to push empty the Kompactor.

The operator can unload the Kompactor in approximately one minute so unloading is quick and convenient. There is no waiting around for the body to descend, offering significant time savings.



4

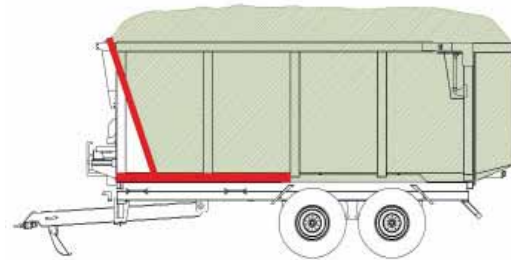
Safety

The Kompactor eliminates the tipping of trailers and the associated dangers involved. The Kompactor also reduces the number of vehicles and manpower required in your fleet.

The Kompactor is also capable of entering low buildings to unload where double handling of product may otherwise be required.



Loading



The Kompactor trailers are loaded towards the rear. An overall height of approximately 3.6 metres allows modern self-propelled harvesters to easily fill from above. The headboard also extends up past the sides to allow the harvester to monitor compaction. The tractor operator can monitor filling through a large vision panel located on the front of the Kompactor. The Kompactor can also be fitted with 200mm greedy boards and this allows the Kompactor to carry the maximum load possible.

The Kompactor is available in 2 sizes:

The **K36** (22ft) is a tandem axle offering 36 cubic metres.

The **K40** (24ft) is a tridem axle offering 40 cubic metres.





KOMPAKTOR

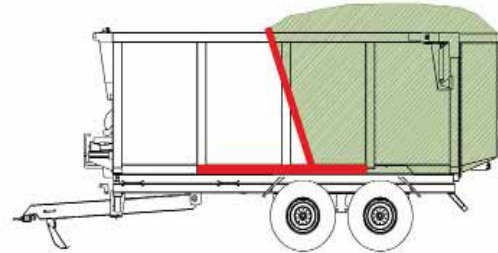
PCG

C36

MASSEY FERGUSON

AGRIUM

Kompacktion



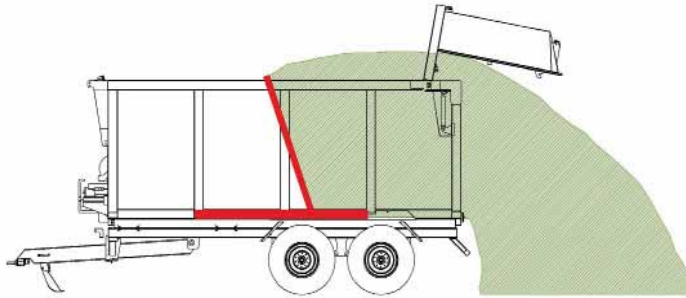
The Kompacktion is a dynamic multipurpose trailer. Its unique compaction and unloading makes the Kompacktion the most productive and safest trailer available. Compaction can be performed as the trailer is working or turning on the headland. A moving floor and headboard are used to continuously compact the load against the tailboard. The tailboard is secured to the body using a unique 'drop & lock' system. After compaction the floor and headboard move to the front of the trailer.

During compaction the load is carried on the floor to save pressure on the headboard. This ensure that compaction is safe and the overall stresses are reduced on the body. Depending on the frequency of compaction and the material loaded, it is possible for an additional 30% volume to be carried over comparable tipping trailers.





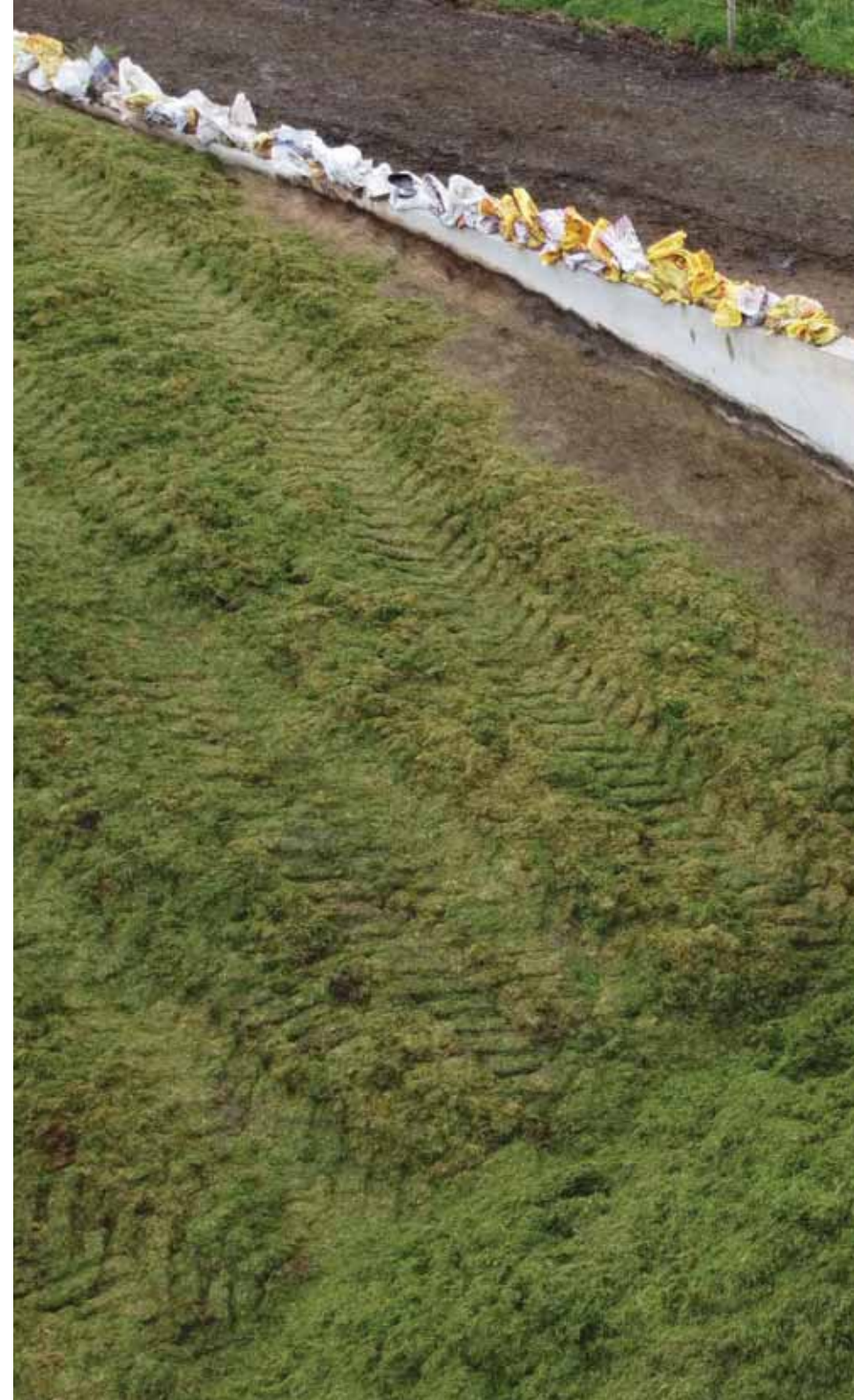
Unloading



The Kompactor is the safest method of unloading as tipping is completely eliminated. When the tailboard is opened, the moving floor and compacting headboard are used to push the material out of the Kompactor. The Kompactor unloads at ground level so dangerous heights are removed. The Kompactor can unload in approximately one minute and there is no waiting around for the body to descend.

The Kompactor offers an excellent clean out as the headboard finishes at the rear of the body. The tailboard will extend to 90 degrees offering excellent clearance for emptying. The Kompactor can also unload in lower buildings than tipping trailers, reducing material handling.

The sight and risks of a large trailer tipping are removed. The tractor remains in control of the Kompactor at all times. The stresses and forces caused when tipping a standard trailer can sometimes lead to unexpected movements on the tractor.





Safety



The Kompactor can carry more material and unload safer than a tipping trailer, so it makes the Kompactor an ideal machine for contracting. The dangers associated with heights are removed and the tractor remains in control of the Kompactor at all times during unloading.

A reduction in manpower and trailer numbers also highlights an added benefit of the system. Their ability to compact grass on the move reduces the loads required. Overall less time is also spent unloading allowing even greater efficiency and increased safety.





K36





Kompaction on the move

On the move compaction is one of the key traits of the Kompactor. It introduces greater efficiencies and its ability to compact the load ensures you carry more. Depending on the material it is possible to carry up to 30% greater volume than an equivalent tipping trailer.

The Kompactor can be used to carry a wide variety of material such as silage, maize, compost or woodchip. Using the dynamic headboard the Kompactor can unload in one minute, and offers a safer alternative to the traditional tipping action. This push emptying facility removes the long standing risks of overturning and bridging.

The K36 is a tandem option trailer measuring 22'. Overall capacity is 36 metres cubed. The K36 is well specced with a high speed commercial running gear, super singles tyres, air over hydraulic brakes, an innovative hydraulic sprung drawbar and a bolt on ring hitch all as standard.





HEADBOARD COMPACTION

The K36 (22 ft) is a tandem trailer designed to maximise capacity and increase performance. Compaction is hydraulically operated during the filling phase to maximise capacity. A multi-stage ram controls both the headboard and floor during compaction. The moving floor helps to carry the load and reduces overall compaction stress on the headboard. Rubber seals in the body help to maintain a tight construction.

The K36 is fitted on a non-steering tandem parabolic sprung axle as standard. 445/65 R22.5 tyres are fitted for roadwork. For more field based work, a rear steering axle and flotation tyres can be specified. A commercial running gear and air brakes ensure you have great comfort while travelling on the road.



INCREASED VOLUME





Kompactor Komfort

A hydraulic drawbar as standard leads the way in trailer comfort and suspension. The hydraulic drawbar is fitted with accumulators to absorb shocks from the road. This hydraulic sprung drawbar and tandem axle suspension leads to an extremely comfortable trailer on the road.

The Kompactor is fitted with a 50mm bolt on ring hitch for versatility. A ball and spoon coupling can be fitted to provide improved comfort. A ball and spoon coupling provides safer, shunt free towing and up to 90% less wear than the traditional ring and hook.

Kompress and Klean Out

The Kompactor headboard extends fully to the rear of the trailer during emptying for a full 'Klean Out'. This compression of the material eliminates bridging of lighter material and cleans the Kompactor out as it empties.



K40





K40 Always carrying more

The K40 is always carrying more. It measures 40 metres cubed or 24' in length. The K40 is the largest Kompactor within our range. It is fitted on a triple axle for maximum carrying capacity. Passive rear steering enables the K40 to turn easy on headlands. The 445/65 R22.5 super singles fitted as standard can be replaced with flotation tyres for increased field work.

The Kompactor is fitted with a multi-stage ram for compaction and unloading. This multi-stage ram allows the headboard to move along the floor at greater speed and ensures that the ram is not protruding towards the tractor during transport. A unique hydraulic hose roller above the rams ensures that hoses are kept neat and tidy during operation.

The Kompactor is fitted with a large viewing window to allow the operator maximum control over when to perform compaction, and to monitor unloading.





HIGHER LOADS

The Kompactor has the ability to perform tasks that are outside the abilities of tipping trailers. The ability to unload into low buildings ensures that workload is reduced. This greatly reduces material handling and opens new possibilities for transportation.

Maintenance of the Kompactor is extremely low with wear stripes easy to replace. The Kompactor is easy to use with the two standard hydraulic functions including tailboard and headboard operation. The K40 is fitted with LED road-lights for road regulations. LED reversing lamps are also fitted to guide the K40 into unloading position.



LOWER BUILDINGS





Using the dynamic headboard the Kompactor can unload in one minute. This offers a much safer and faster alternative to the traditional tipping trailer. The Kompactor can unload over uneven ground, or into lower buildings as required. There is also no waiting for a tipping body to descend. The Kompactor ejector trailer offers a safer and more productive design to the market.



PACKED WITH FEATURES





1. STRENGTH

The Kompactor is fitted with vertical bracing to regain overall strength. This bracing helps to retain body shape during compaction.

2. VISUAL

A large window is provided into the Kompactor body to monitor compaction and unloading.

3. TYRES

Fitted as standard on 445/65 R22.5, the Kompactor can be fitted with various options to suit your road or field needs.

4. AXLE

The Kompactor is supported on a parabolic tandem commercial axle. Air over hydraulic braking is provided as standard for improved stopping power. Rear steering is standard only on the K40.

5. HOSE REEL

A rolling hose reel is provided for retraction of hydraulic hoses and to prevent entanglement during operation.

6. HYDRAULIC SPRUNG DRAWBAR

The Kompactor is fitted with a hydraulic sprung drawbar to provide smooth travel on the road. Shock absorbing accumulators ensure a comfortable driving experience.

7. 'DROP AND LOCK' TAILBOARD

The tailboard is fitted with secure 'Drop and Lock' fastening to prevent excessive strain during compaction. For unloading the tailboard rises vertically before opening out through 90 degrees.

8. REVERSING LIGHTS

LED reversing lights show you the way working late into the night. The lights are positioned under the chassis for security.

9. HEADBOARD COMPACTION

The secret of the Kompactor lies in the moving headboard and floor. During loading, the material is compacted against the tailboard. Depending upon material being carried, an additional 30% is possible.





Lighting

Be safe, be seen

The Kompactor is well equipped with road lighting so you are safe and seen. The Kompactor is fitted with double LED road-lights and strobe beacons to provide warning to other road users.

LED reversing lamps are also fitted under the chassis. A number plate holder, side lights and width markers complete a comprehensive LED lighting kit. It is possible to also fit a reversing camera for increased visibility behind the Kompactor.



UP AND OVER COVER



Cover up

Cover your Kompactor to prevent lighter material from scattering. The cover is guided over the Kompactor via spring-loaded side arms.

A hydraulic motor unrolls the cover for the arms. The motor can then retract the cover before unloading.



GREEDY BOARDS

Hungry for more

Always looking for extra capacity?.

Our 200mm greedy boards will increase overall capacity. The boards are bolted to the top of the Kompactor to increase the overall height and carrying capacity. The greedy boards have a mesh cut out to allow a self propelled operator view the headboard during compaction.

A compacted load and greedy boards ensures even less trips for the Kompactor.



COMFORT

Improved comfort on the road

The Kompactor is fitted with a 50mm bolt-on swivel ring hitch. It is possible to change to an K80 ball and spoon for added comfort and control.



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

WEIGHING



What do you weigh?

The Kompactor can be fitted with an independent weighing system to accurately measure loads. A Dinamica Generale weighing system complete with an DG 600 indicator can display total loaded weight.

As an further optional extra, a scoreboard display can be fitted. The scoreboard display allows the loader operator to monitor the loaded weight from greater distances.



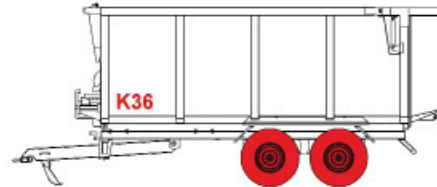
GREASE



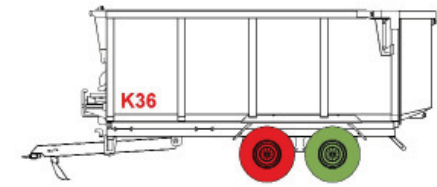
Maintenance made easy

Make maintenance easy by providing a central greasing bank on the Kompactor. This routes all axle grease points out to a central bank for a much easier and convenient task.

STEERING

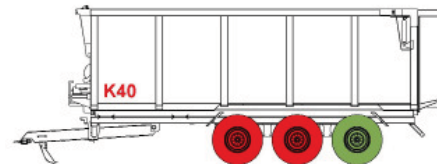


K36 Standard Non Steer

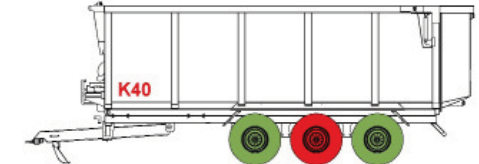


Optional Rear Steer

The K36 is fitted non-steering as standard. Passive rear steering can be fitted for easier turning. The steering will need to be locked to reverse.



K40 Standard Rear Steer



Optional Front and Rear Steer

The K40 is fitted with passive rear steering as standard. Passive rear steering follows the tractor and is hydraulically locked to reverse. For front and rear steering it is necessary to use forced steering together with the spoon hitch. This allows the K40 to follow neatly in both forward and reverse directions.

TYRE CHOICE



Model	Standard Tyre
K36	445/65 R22.5
K40	445/65 R22.5



445/65 R22.5	560/60 R22.5 BKT Ridemax 600/50 R22.5 BKT Ridemax
435 (17") 1200 (47")	565 (22") 1244 (49") 611 (24") 1172 (46")
<p>Fitted as standard on the Kompactor, 445/65 R22.5 super singles provide a suitable tyre for everyday road use.</p> <p>For field use, other tyre options would be more suitable.</p>	<p>Load Index 165 D / 159 E</p> <p>Alliance 882 are ideal for road use. The high speed index stands for higher speeds travelling on the roads. It combines the best characteristics of flotation and radial construction to provide a superior performance.</p> <p>It has excellent self-cleaning properties and is a top performer on road applications.</p>

DEMOUNTABLE



Demountable

Flexibility on one chassis

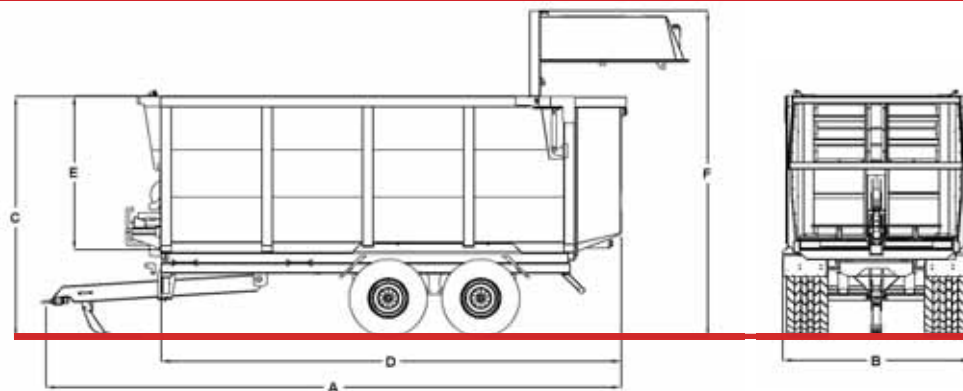
The Kompactor is also available as a demountable machine. This allows the operator to use the same running gear with either a Kompactor or a slurry tanker. The bodies are hydraulically lifted above the chassis and placed on storage legs. The chassis can be used with either implement where twist locks will secure it in place. The tanker is fitted with a hydraulic pump as standard and can be customised to specification.

TECHNICAL

Kompactor

Standard Specification includes:

50mm swivel ring hitch, hydraulic sprung drawbar, drawbar stand, parking brake, 445/65 R22.5 tyres, parabolic 127mm commercial axles, 420 x 180 hydraulic brakes, air over hydraulic brakes, hydraulic rear door, hydraulic headboard compaction, LED road-lights (x2), LED strobe beacons, number-plate holder c/w light, reversing LED lamps (x2), galvanised mudguards, painted finish



Model	Standard Tyre	Axes	Brakes	Steering	Length A	Width B	Height C	Body Length D	Body Height E	Max Height F	Capacity m ²	Unladen kg
K 36	445/65 R22.5	2 x 127mm	420 x 180	No	8450	2700	3550	6770	2250	4800	36	7200
K 40	445/65 R22.5	3 x 127mm	420 x 180	Yes	9150	2700	3550	7470	2250	4800	40	9100

GET IN TOUCH



HiSpec is always striving to improve our products and we would love to hear your comments and receive your photographs of products in action through our social media pages.



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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 Kompacktor will include the equipment you ordered.

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

Authorised Dealer Stamp

