

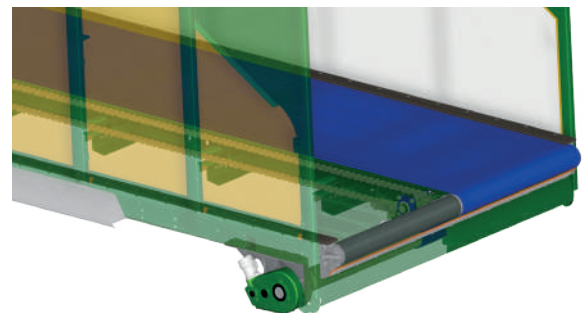


## Drakkar: multi-talent in the JOSKIN range

In 2011, the Belgian agricultural machinery manufacturer JOSKIN presented a completely new machine concept that revolutionised the world of agricultural transport: the Drakkar. This is a trailer with a conveyor belt combined with a mobile front wall! It can be used to transport all types of goods (silage, grain, pulp, beets, potatoes, vegetables, etc.) throughout the year, which ensures a maximum profitability for the farmer.

### Well thought-out design, maximised payload!

The low design of the machine allows to have a higher loading volume – in particular thanks to the winding of the belt which is carried out only at the rear of the body – and to improve the stability of the machine with a centre of gravity close to the ground. The Polyfont side walls also reduce the empty weight of the vehicle, thus increasing its payload.



*Winding of the conveyor belt at the rear of the machine by two hydraulic motors*

### Revolutionary Unloading System

The Drakkar has a unique, high-speed unloading system using a hermetic conveyor belt coupled with a mobile front wall. This revolutionary system allows a safe unloading without tipping, even in sheds or low places, without compressing the transported material. Whatever the type of product, the emptying speed of the Drakkar is optimised to be less than 1 minute.



## → Hermetic Conveyor Belt

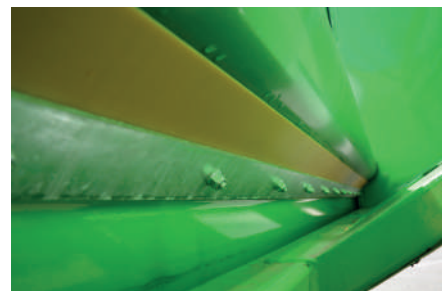
The hermetic and shock-absorbing conveyor belt is pulled to a reel at the rear of the machine by two powerful hydraulic motors. Since the floor is ribbed and perforated, there is no suction effect, allowing the belt to slide easily and without tensile stress. The floor also has the advantage of being self-cleaning, thus avoiding dirt under the conveyor belt.



*Conveyor belt over the entire width of the machine*



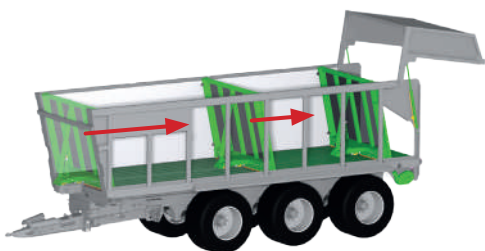
*Ribbed and perforated floor*



*Scraper removing residual material from the conveyor belt*

## → Mobile Front Wall

When unloading, the front wall is pulled by the conveyor belt towards the rear of the body. It accompanies the material without compressing it for a complete emptying in one phase, and without residues. It does not exert any pressure on the material and, thanks to its rubber lips, creates an optimal tightness throughout the unloading process. It is therefore a "pulling" system, not a "pushing" one, with all the advantages that this offers: no compaction of the goods transported, continuous unloading, no pressure on the side walls, etc.



*Mobile front wall pulled by the conveyor belt to the rear of the machine*



*Transparent front wall for a better visibility from the cabin*

## → Rear Door with High Clearance

For an efficient emptying, the Drakkar has a high clearance rear door. Thanks to its significant offset (40 cm) above the body, unloading is easy and jam-free. When unloading some materials, it is better to open the door only slightly, or to leave it closed and empty through the grain chutes provided for this purpose (3 chutes of 60 x 27 cm).



*Rear door with high clearance*

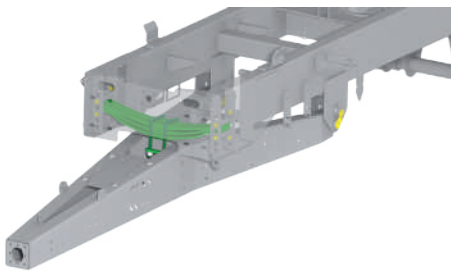


*Unloading goods through the grain chutes*

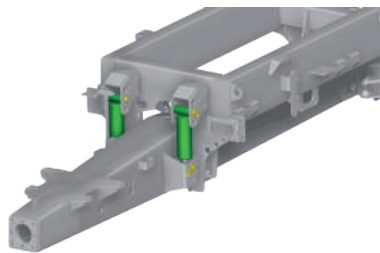


## Tried and Tested Chassis and Running Gears

The hitching system of the Drakkar is compatible with all tractors, including those with large-diameter tyres. The drawbar, which is placed almost horizontally under the chassis, provides a perfect traction line, making the vehicle easier to pull than with a short, descending drawbar, for example. The hydraulic parking skid "disappears" completely when the Drakkar is in the hitched position. It can be completely integrated into the drawbar, which provides an ideal ground clearance. The same applies to the self-steering mechanism on the drawbar. The Drakkar is thus prepared for difficult working conditions (ruts, mud, etc.) since no mechanical parts are located lower than the hitch. The narrow beam drawbar offers a very high resistance and allows a large steering angle. In addition, it is equipped as standard with a suspension system (sprung drawbar for the double-axle models and hydraulic for triple-axle vehicles), which provides the user with an optimal driving comfort for long working days. The hydraulic rear bumper can be folded when not in use, such as during unloading operations, and thus prevents material heaps. It fully complies with European certification standards.



*Sprung drawbar*



*Hydraulic drawbar suspension*



*Narrow beam drawbar*

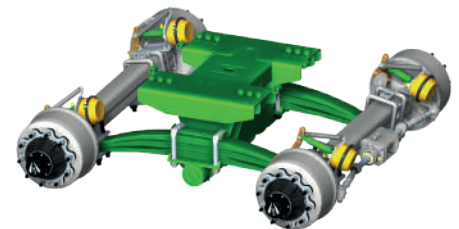
The JOSKIN running gears have always been known to customers for their ease of traction and driving comfort. The tried and tested Roll-Over bogie and Hydro-Tandem/Tridem systems provide stability and reliability as well as an unrivalled driving comfort that the driver will appreciate. Due to their unique design, they adapt instantly to the different terrains to keep the tractor-trailer combination perfectly balanced. Their location on the vehicle is always calculated and determined according to the chosen equipment, which allows to achieve an optimal load distribution between the running gear and the hitch.



*Hydro-Tandem running gear*



*Hydro-Tridem running gear*

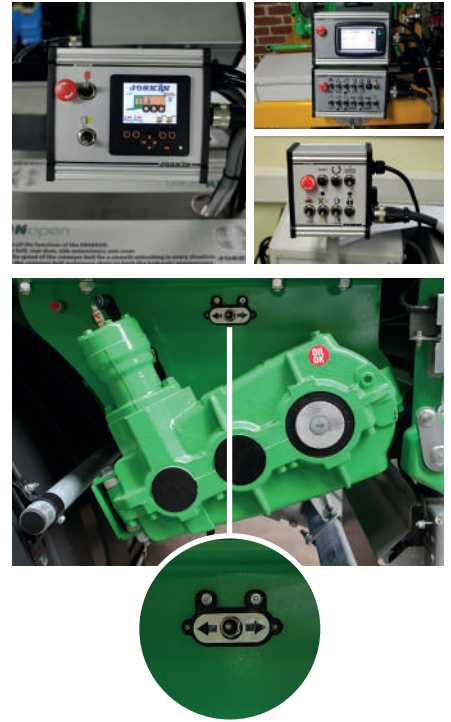


*Bogie running gear*



## Easy Use

Many functions of the Drakkar are controlled "electrohydraulically" via a control box in the cabin. Easy to use and intuitive, it allows, for instance, to adjust the drawbar suspension, manage the belt drive, control the door opening... Moreover, the unloading/loading (of bales, pallets...) is also easily possible directly from the rear of the machine thanks to 2 small control boxes placed on both sides of the body. As an option, the machine can also be controlled via ISOBUS, either directly via the tractor terminal or via a compatible ISOBUS terminal. Thanks to the control box, the user always holds control of the vehicle!



## Even More Versatile

All Drakkar are standard fitted with various pieces of pre-equipment to easily add various options, either at the time of the order or later (even years after the purchase). Among the most interesting options, you can find: Duo-Cover nets or hermetic covers, hydraulic extensions, transfer augers, hydraulic drop sides, plus many more!



*Aluminium extensions*



*Transfer auger*



*Duo-Cover nets*

## Find out more

Discover the Drakkar range on the JOSKIN website and configure the machine meeting your needs thanks to the new online configurator.

To the website: <https://www.joskin.com/en/multipurpose-trailers/drakkar>

To the configurator: <https://my.joskin.com/sites/configurator?sap-language=en#Home-show&/indexs/CPO>



## JOSKIN Drakkar Range

Model	Volume (m <sup>3</sup> )		* Technically permissible payload (t)	Inner body dimensions (m)			Axle(s): ■ (mm) - track (mm) - studs	Brakes (mm)	Price
	DIN	300mm dome		Length (under - above)	Width (Front - Back)	Height			
6600/23D150	23	26	18	6,30 - 6,70	2,34 - 2,38	1,50	ADR 2x130x2100-10G	406 x 120	60.386
6600/28D180	28	31	18	6,30 - 6,70	2,34 - 2,38	1,80	ADR 2x130x2100-10G	406 x 120	61.820
7600/27D150	27	30	22	7,30 - 7,70	2,34 - 2,38	1,50	ADR 2x150x2100-10G	420 x 180	67.153
7600/33D180	33	36	22	7,30 - 7,70	2,34 - 2,38	1,80	ADR 2x150x2100-10G	420 x 180	68.526
8600/31D150	31	34	22	8,30 - 8,70	2,34 - 2,38	1,50	ADR 2x150x2100-10G	420 x 180	83.618
8600/37D180	37	41	22	8,30 - 8,70	2,34 - 2,38	1,80	ADR 2x150x2100-10G	420 x 180	85.176
8600/31T150	31	34	28	8,30 - 8,70	2,34 - 2,38	1,50	ADR 3x150x2100-10G	420 x 180	98.279
8600/37T180	37	41	28	8,30 - 8,70	2,34 - 2,38	1,80	ADR 3x150x2100-10G	420 x 180	98.948
9600/35T150	35	38	28	9,30 - 9,70	2,34 - 2,38	1,50	ADR 3x150x2100-10G	420 x 180	102.133
9600/41T180	41	46	28	9,30 - 9,70	2,34 - 2,38	1,80	ADR 3x150x2100-10G	420 x 180	102.872

\*Technically permissible load - the administrative load (indicated on the registration certificate) may differ from the technically permissible load depending on the regulations in force in the country of registration.

