EN

# Secrets of Quality

# JOSKIN.



Since 1968, we have been drawing strength from our daily relationships with the agricultural world.

Our comprehension of your expectations, as farmers and contractors, is linked to our origins, in the heart of a rural region of grasslands. Anticipating your needs and delivering appropriate professional solutions has been our business for more than 50 years, but above all it has always been our passion.

The Joskin Family



# Secrets Quality

# JOSKIN.

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To access a maximum of exclusive content (videos, photos...), this brochure includes "QR code".

How to use them? Nothing easier...

- Download a free "QR code" application from the App store or Play store (if your smartphone does not automatically have a "QR code" scan).
- Scan/take a picture of the QR code.
- Surf and enjoy.





### Strength OF EXPERIENCE

With over 50 years of experience and over 120,000 machines sold throughout the world, JOSKIN puts its resources more than ever at the service of the farmer by offering products that are increasingly adapted to the evolution of the agricultural world. To see through this mission, we are constantly investing in the design and production of your machines. Either in the research and development of new solutions, in production techniques or in the search for better materials, we are working hard to keep improving the production standards to offer you the best agricultural machinery.



#### RESEARCH AND DEVELOPMENT

In order to efficiently face the constant evolution of your needs, a multidisciplinary team made of engineers, draughtsmen and field workers, who are helped by dynamical three-dimensional engineering software, focuses daily on the research and development of **simplified innovative solutions**. This is how JOSKIN, in collaboration with John Deere, won several awards in 2019 for the new "eAutoPowr e8WD" (electric drive) technology.



#### STATE-OF-THE-ART PRODUCTION TECHNOLOGY

In order to offer you the best agricultural machines, our factories are fitted with **state-of-the-art**, **highly precise tools** from the first production step to the last one.



**Galvanising plant** 



Welding robot



Automatic press brake



#### THE JOSKIN PRODUCTION IN A FEW FIGURES...

# kilometres of welding wire used each year

70

tons of steel used per year

tons of zinc constantly in the galvanising bath

Would you like to know more? Visit **joskin.com** 



#### PRODUCTION MADE BY JOSKIN

For maximum finish and quality of your machines, we chose to master their entire production. Thanks to our industrial organisation, we are developing and **producing 85% of the components of your products ourselves**.



#### **QUALITY MATERIALS**

For sturdier and lighter machines, we choose and sort out the best materials possible. Either with high tensile steel or Hardox, we make **no compromise** in order to supply you with a sturdy and durable machine.





Laser cutting



**Machining robot** 



3-year warranty





different spare parts in stock

parcels sent each year

tons of spare parts
sent per year

### OUR SERVICES AT YOUR SERVICE

Backed by his experience as a contractor, Victor Joskin has always considered the spare parts as the nerve centre of the service: without spare parts, no repairs possible! Since a machine, even if it is highly efficient and equipped, will be out of order if even the smallest component is unavailable, JOSKIN has made an efficient service its priority. Thanks to **the permanent stocks of spare parts and the individualised spare parts book for every machine**, we guarantee their availability even years later, **which will secure the value of your machine through time**. Our activity as regional dealer allows us to be daily on the field, and it reminds us every day of the importance of a fast and quality service. Either regarding the pre-sales advising or the after-sales service, we are working hard, together with our dealers, **to ensure you an experience that meets your expectations**.



Individualised spare parts book



24/7 support and troubleshooting via MyJOSKIN



Automated spare parts warehouse



Would you like to know more? Visit **joskin.com** 







#### QUALITY DEALER NETWORK

Backed by an **international network of more than 600 dealers**, JOSKIN is as close as possible to its customers and commits itself to supplying perfect machines, as well as an efficient after-sales service and support.



#### **CUSTOMISED ADVICE**

To supply you with the ideal machine and avoid suffering the consequences of a bad choice for many years, JOSKIN bases its sales approach on a **quality pre-sales service** and a **high transparency** of the information over its products. The JOSKIN product advisers are continuously trained, through very detailed "Dealers Trainings", in order to recommend you the machine that best meets your needs.



#### EASY ACCESS TO SPARE PARTS

Our machines are delivered with a **spare parts book**, which is also available on our website. This book is **individualised by chassis number** and contains only the components used to assemble your machine. In this way, you are sure to find the right numbers of the spare parts you are looking for at a glance, order them easily from your dealer and **get them quickly** (permanent stock).



#### EFFICIENT MAINTENANCE OF YOUR MACHINES

Through the MyJOSKIN online tool, we provide our network with all the necessary information for an **optimal start-up and maintenance** of your machines. Upon delivery, you will receive a personalised parts book and a user's manual, which you can also consult via the website. Our technicians also travel the roads in order to assist the dealers' technicians in their mission.



Permanent stock of spare parts



**Training** 



**Technic centers** 



# JOSKIN. COMMUNITY

# An international

### COMMUNITY



With a presence in over 60 countries around the world, the number of JOSKIN followers continues to grow over the years. Whether at agricultural trade shows or at our traditional open days, tens of thousands of people visit us every year. On social networks, it is the same: several hundred thousand fans of the agricultural world follow our news on a daily basis. In the field or online, thanks to the quality of its machines and services, JOSKIN has been able to develop a worldwide community around its products and establish a real proximity with its users.

# on our social networks



#### **INSTAGRAM**

Benefit from quality pictures, test your knowledge of our products and experience our events live.



#### **FACEBOOK**

Follow our news, discover our customers' experiences and interact with our teams.



#### YOUTUBE

Discover our machines at work, our detailed tutorials and the company's behind the scenes.



#### TIKTOK

See us in a different light, through short and entertaining videos.

#### **BUT ALSO...**



Over 120,000 users of our machines throughout the world



Over 18,000 visitors in our showrooms every year



Several thousands of people who meet us each year at over 60 agricultural trade shows



### **MARKETING TOOLS**

### Digital **DEVELOPMENT**

Determined to meet the needs of its customers in all circumstances, JOSKIN makes it a point of honour to continue its digital deployment: new website, 100% digital showroom, virtual factory tour, online range configurator... Whether you are close to a JOSKIN site or on the other side of the world, you can find out about your future machine and its price!



#### CONFIGURATOR

Accessible via smartphone, tablet or computer, the configurator allows you to design your own machine in a few clicks. Create your machine, get a price quote and contact your dealer directly for more information.



360°

#### VIRTUAL SHOWROOM

Thanks to this 100% digital tool, a showroom of no less than 14,000 m<sup>2</sup> is now accessible 24 hours a day. In this way, you can discover the JOSKIN machinery in detail... without having to go anywhere!





#### VIRTUAL FACTORY TOUR

From Belgium to Poland via France, this virtual factory tour allows you, through short immersive videos, to see and understand each stage of the production cycle of a JOSKIN machine.



#### AND LET US NOT FORGET...



#### WEBSITE

Learn more about our products, find the closest dealer and discover the agenda of our events.



#### **BROCHURES**

Find all the information about our machines and our company by leafing through our specific brochures.

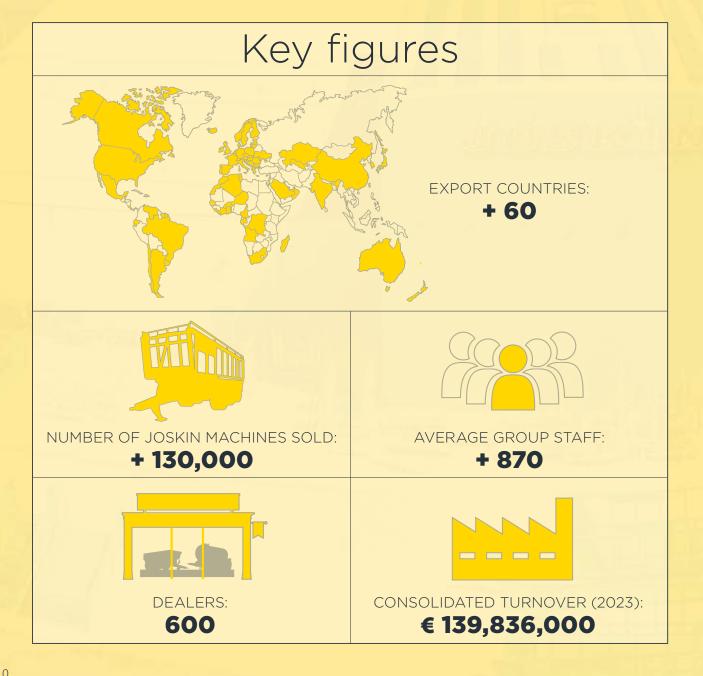


#### JOSKIN APP

Find out more about our products, wherever you are and whenever you want to, and discover the latest trends.

# JOSKIN. COMPANY

In only 50 years time, JOSKIN has managed to become one of the biggest names in the agricultural world. Today, its machines criss-cross the countryside all over Europe and in many regions of the world. Every year, machines are delivered **to more than 60 countries**. This impressive success is closely related to the company's DNA: an independent family structure with an entrepreneurial force and outstanding anticipative qualities. Driven by the willingness to internally master all strategic phases of the production and service chain in order to optimise them, the company has rapidly evolved into an international group. It has now **5 production factories** that are perfectly adapted and strategically spread over the European continent.



# JOSKIN GROUP

Would you like to know more? Visit **joskin.com** 





#### **SOUMAGNE**



Soumagne is the company's first production site and the Group's nerve centre. Originally covering an area of 5,000 m<sup>2</sup>, the site now extends over 17 ha.





66,000 m<sup>2</sup>

17 ha



**POLSKA** 



Built in 1999, the Polish site in Trzcianka now has around 375 employees. In 2010, JOSKIN inaugurated a state-ofthe-art galvanising plant of more than 8,000 m<sup>2</sup>.





73,500 m<sup>2</sup>

25 ha



**BOURGES** 



Located in the centre of a highway network, the French site, created in 2002, is specialised in the manufacture of the Group's cereal and construction tipping trailers.





18,200 m<sup>2</sup>

6 ha



SPAW TECH



This unit, close to Soumagne and built in 2007, is entirely dedicated to the welding of some machines of the range (muck spreaders, tankers, tipping trailers, etc.).





6,500 m<sup>2</sup>

1.36 ha



#### LEBOULCH



In 2012, the French company Leboulch (manufacturer of tipping trailers and muck spreaders) was integrated into the JOSKIN group. It also manufactures the painted bale trailers and the JOSKIN Cargo-LIFT.





15,000 m<sup>2</sup>

11.3 ha

# JOSKIN. HISTORY

### 50 YEARS of evolution

The JOSKIN company, which is today internationally known, is first of all a **family business** founded in 1968 by Victor Joskin, who wanted to dedicate himself to the agricultural world. Marie-José Joskin, Victor Joskin's wife, joined him at the very beginning to ensure a sound treasury management of the company that kept growing. In the second half of the 1990s, Marie-José and Victor were joined in the company by their 3 children, thus ensuring a continuity in the family management of this true Belgian "success story". Didier (Production and IT), Vinciane (Administration and Finances) and Murielle (Communication and HR) completed so the JOSKIN Group's board of directors. Despite an outstanding growth and a presence across the world, the company's DNA, focusing on the family and its members' well-being, remained intact.







The company sets up a new hall on the site of Soumagne.

1972



Next to the agricultural works, other activities are started: trade, repairs of agricultural and horticultural machines...

1973



The company gets into the import of agricultural machines.

1974



Would you like to know more? Visit **joskin.com** 





The company starts manufacturing its own slurry tankers.

1984



JOSKIN takes on the challenge of slurry injection.

1988



Construction of a 4,000-m<sup>2</sup> showroom in Soumagne.

1998



Construction of a new factory in Trzcianka (Poland) to meet the needs of Eastern European countries and to overcome the shortage of welders in Belgium.

1999



Construction of a new factory in Bourges (France).

2002



Creation of the SPAW TECH site in Belgium, which is specialised in the welding of tanks and bodies of tipping trailers and muck spreaders.

2007



Inauguration of a very modern galvanising unit of 8,000 m<sup>2</sup> on the Polish site.

2010



Extension of the site of Soumagne and investments in new state-of-the-art tools.

2014



The JOSKIN Group celebrates its first half century.

2018

# JOSKIN.

# **FACTORY TOUR**

1 2 3 4 5 6 7 8 9 10 11

#### PRE-SALES SERVICE

Through its international network, JOSKIN is as close as possible to its customers. The company has always reached out to its community and is present at the most renowned agricultural trade fairs. Some 7,000 m<sup>2</sup> of technology is also available at any time in the Technic Centers in Soumagne (Belgium) and Trzcianka (Poland).

In addition, JOSKIN has increased its online presence with new digital tools. Whether via social networks, the website, the virtual showroom or the factory tour, information about the company is accessible from your home in no time.









Discover the "Pre-sales service" in video on **joskin.com** 















- A. 600 dealers in more than 60 countries
- B. Annual presence at agricultural fairs
- C. Traditional Open Days

- D. Detailed trainings in our Technic Centers
- E. Complete brochures of all ranges
- F. Website, configurator, social networks...



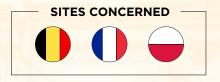
#### **EXPERIENCE THE JOSKIN PRODUCTION**

From Belgium to Poland via France, discover the various JOSKIN production sites and follow the manufacturing process of our machines...



#### PRODUCTION MANAGEMENT

Through the use of the SAP production management software, JOSKIN can ensure a full traceability of each machine component. This allows the company to pace at any time the production of the 85% of components manufactured by JOSKIN and the supply of the 15% of components purchased. In order to guarantee short delivery times, JOSKIN manufactures its entire product range all year round at a constant pace. As a result, there is always a JOSKIN machine available for customers in a hurry.

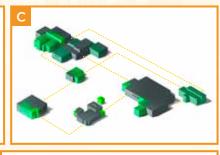


















- A. Entering the orders in SAP
- B. Organising the production of a tanker
- C. Coordination between the factories

- D. 85% of the components "made by JOSKIN"
- E. Continuous production of all product ranges
- F. Online access to the technical documentation

# JOSKIN.

### **FACTORY TOUR**

1 2 3 4 5 6 7 8 9 10 11

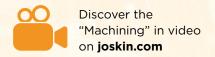
#### MACHINING

In order to ensure that its machines are of perfect and constant quality, regardless of the factory or production department, the company has chosen to centralise the storage of the components and deliveries. In this way, the quality department can examine and approve the suppliers' goods. They are then sent to the production areas where high-precision, state-of-the-art tools ensure a quality production from the first to the last stage of the manufacturing. This detailed and extensive process has been part of the Group's DNA since the beginning.























- A. Quality department checking the goods
- B. Automated warehouse for the storage of steel sections
- C. Dispatch of steel sections to workstations
- D. Cutting of solid tubes by an automatic saw
- E. Machining centre equipped with a loading robot
- F. Cutting of hollow tubes by an automatic laser



### **FACTORY TOUR**

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11

#### **CUTTING AND BENDING**

In order to supply all of its factories, JOSKIN receives more than 15,000 tons of flat steel sheets each year. After being checked and stored, they are cut continuously using ultra-fast and highly precise lasers. Thanks to the optimisation and automation of the cutting system, each steel sheet is made as profitable as possible. Once cut, the steel sheets go to the bending area where, depending on the purpose of the parts, they are processed by an automatic or semi-automatic press brake.

#### SITES CONCERNED







Discover the "Cutting and Bending" in video on **joskin.com** 















- A. 15,000 tons of flat steel sheets per year
- B. Production laser working 24 hours a day, 5 days a week
- C. One of the fastest lasers in the world (12 m/min)
- D. Full automated press brake
- E. Semi-automatic press brake and its operator
- F. Automatic press brake 630 t (up to 8 m)

# JOSKIN.

### **FACTORY TOUR**

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11

#### WELDING

After being cut and bent, the parts are placed on a specific jig to be welded together. In addition to guarantee an homogeneous production, the welding jigs allow the parts to be pre-assembled by welding points. This work provides the necessary precision and makes the subsequent welding work possible, which will be carried out either manually or by robots, depending on the part. Once welded, the machines move on to the surface treatment area to be either galvanised or painted.

























- A. Example of a specific welding jig for a robot
- B. Welding robot for monocoque tipping trailer bodies
- C. Manual welding for more complicated parts
- D. Bending machine with digital control
- E. Automatic simultaneous welding of tanks with 4 stations
- F. Welding of the accessories on the slurry tankers

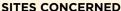


### **FACTORY TOUR**

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11

#### **RUNNING GEARS**

The agricultural world is changing! In order to remain profitable, the work pace is becoming increasingly high. With this in mind, JOSKIN has set itself the goal of making the work of farmers as pleasant and comfortable as possible. This is how the Bogie and Hydro-Tandem/Hydro-Tridem running gear concepts came about. The first one is characterised by its upward traction line, which makes it easier to drive over obstacles. The second one equips large vehicles and offers an even load distribution. As with most other parts, JOSKIN manufactures its running gears entirely in-house on the basis of standardised axles.











Discover the "Running gears" in video on **joskin.com** 















- A. Assembly of a running gear equipment
- B. Welding work on a running gear
- C. "Roll-Over Bogie" running gear being assembled
- D. Hydro-Tridem in the assembly area
- E. Hydro-Tridem running gear on KTP tipping trailer
- F. Hydro-Tandem on a muck spreader

# Josk<mark>i</mark>n

### **FACTORY TOUR**

1 - 2 - 3 - 4 - 5 - 6 - 71 - 8 - 9 - 10 - 11

#### PAINTING

The surface treatment is a crucial step that guarantees the quality and longevity of the machines. For an optimal protection against corrosion, JOSKIN uses a 2K two-component paint of industrial quality. Before being coated, the parts undergo shot blasting (which thoroughly cleans and roughens the metal for a perfect paint adhesion) and the application of an epoxy primer. After these preparatory steps and some pre-drying, the two-component paint is applied. After accelerated drying (60°C) and cooling, the parts are transported by rail to the assembly or storage areas.

#### SITES CONCERNED









Discover the "Painting" in video on **joskin.com** 















- A. Steel balls shot during blasting
- B. Axle in area for high-pressure wash with a special detergent
- C. Application of an epoxy primer

- Application of a final coat of 2K two-component paint of industrial quality
- E. Accelerated drying zone at 60°C
- F. Transport by rail to the assembly areas



### **FACTORY TOUR**

1 2 3 4 5 6 7.2 8 9 10 11

#### **GALVANISATION**

To ensure a long-lasting protection against corrosion and a maximum service life for its machines, JOSKIN decided to invest in its own galvanising plant. Hot-dip galvanising (450°C) is a complex process: the steel is first coated with three layers consisting of a mixture of steel and zinc, and an outer layer of pure zinc. The first three layers are perfectly anchored in the steel. As for the outer coating, the galvanisation is less hard and therefore absorbs the shocks very well. Thanks to this process, the quality and service life of the JOSKIN machines are considerably increased.





















- A. Galvanising plant of the JOSKIN Group (Poland)
- B. Hanging the parts on the hoisting beam
- C. 13 baths to prepare the parts before galvanising
- D. Drying zone
- E. 450°C galvanising bath
- F. Scraping of the bath surface to avoid defects in appearance

# JOSKIN.

### **FACTORY TOUR**

1 2 3 4 5 6 7 8 9 10 11

#### **ASSEMBLY**

A pre-assembly of some sets of parts is first carried out upstream of the assembly line. This prevents assembly errors, ensures an accurate individualised spare parts book and saves time and space in a constantly busy assembly line. Once the components have been pre-assembled and prepared on different trolleys, the final assembly of the machine can begin. At JOSKIN, there are several assembly lines: those for "à la carte" machines chosen by customers and those for mass production, such as the "Advantage" series.

























- A. Pre-assembly area
- B. Preparation of trolleys with pre-assembled or unassembled parts
- C. Prepared trolley on its way to the assembly line
- D. Assembly of "à la carte" machines
- E. Mass production of "Advantage" series
- F. Completed assembly of an Advantage machine



# **FACTORY TOUR**

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11

#### **QUALITY CONTROL**

Once the assembly is completed, the machines are brought to the test area for a final checking and inspection. The hydraulic circuits as well as the electrical and electronic installations are first checked. Then, the first basic tests are carried out in order to pre-set the machines. Finally, these are tested with a tractor for a fine adjustment. If a slurry tanker is delivered with a spreading implement, these are tested under real conditions with rainwater. When leaving the test area, all JOSKIN machines are ready for use.











Discover the "Quality control" in video on **joskin.com** 















- A. Arrival of a finished machine in the test area
- B. Checking the hydraulic circuits
- C. Checking the electrical circuit

- D. Checklist
- E. Machine tested in real conditions
- F. Final approval of the machine

# JOSIKIN.

### **FACTORY TOUR**

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11

#### **LOGISTICS**

After having been checked, the machine goes to the shipping area. Depending on its size and destination, it will either be transported as it is or partially disassembled to facilitate its transport by truck, train or ship. Thanks to these different modes of transport and the company's 3 "logistics" centres, the JOSKIN products can be delivered quickly and safely to any location in the world.

























- A. Arrival of a finished machine in the shipping area
- B. Loading of a machine on a low loader
- C. Disassembled machine for transport by container
- D. Fleet of 27 JOSKIN trucks and road tractors
- E. Scale model offered by JOSKIN with each delivery
- F. Departure of a machine for delivery to a dealer

# JOSKIN.

### **FACTORY TOUR**

1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11

#### AFTER-SALES SERVICE

The reputation of a brand also depends on a good after-sales service. With this in mind, JOSKIN has made the availability of spare parts a top priority. On delivery of the machine, an individualised parts book detailing all the components is given to the customer. Via the "MyJOSKIN" platform, by entering the chassis number of the machine, the dealer can easily order the required parts. In order to guarantee this service, the company has a large stock of wearing parts, as well as a fast shipping service.











Discover the "After-sales service" in video on **joskin.com** 















- A. Individualised spare parts book
- B. Ordering spare parts via MyJOSKIN
- C. Automated spare parts storage system
- D. Automated warehouse for larger parts
- E. Customised packaging of spare parts
- F. Fast shipping of packages



# A **PRODUCT** for every **NEED**

Aiming at an efficient, durable and affordable agriculture for as many people as possible, JOSKIN rapidly tried to produce quality implements that were perfectly adapted to the challenges of our time, while providing a real added value. From this wish, the company now offers one of the biggest ranges in the world in its field of activity. This range is built around 3 main axes:

- **SPREADING:** While many people considered organic residues as common waste, JOSKIN has always seen them as a rich and abundant natural resource with a high fertilising potential. From this interest arose a complete and unique range of spreading implements (tankers, muck spreaders, injectors, etc.), which provide the users with an exemplary reliability and a real return on investment.
- **TRANSPORT:** Often considered as an obstacle to productivity, transport has on the contrary always inspired our teams. The JOSKIN vehicles not only allow to combine business with pleasure thanks to well-thought comfort and ergonomics, but they also ensure you a maximal profitability given the high loading capacities and the fully secured loads. Whatever your farm size, the JOSKIN transport vehicles are a first-choice logistics solution.
- LIVESTOCK AND GRASS CARE: Anchored in a grass area, our company has always been close to customers looking for quality implements allowing them to efficiently take care of their pastures. Convinced that growing grass is a full-time job necessary to get a good quality final product, JOSKIN has rapidly made it one of its specialties. Our company now benefits from the industrialisation of its production force to keep innovating and offer implements that are even easier to use and more efficient.



Would you like to know more? Visit **joskin.com** 





#### SPREADING\_\_\_\_\_P.28



Slurry tankers (p. 28-31)



Spreading booms (p. 32-33)



Injectors (p. 34-35)



Muck spreaders (p. 36-37)

#### **TRANSPORT**



Monocoque tipping trailers (p. 38-39)



Dropside tipping trailers (p. 40-41)



KTP construction tipping trailers (p. 42-43)



**P.38** 

Silage trailers (p. 44-45)



Multi-purpose trailers (p. 46-47)



Bale trailers (p. 48-49)



Low loaders (p. 50-51)



Hook-lift systems (p. 52-53)



Cargo chassis (p. 54-55)

#### SKIN





#### LIVESTOCK AND GRASS CARE





Livestock trailers (p. 56-57)



Meadow aerators (p. 58-59)



Pasture toppers and choppers (p. 60-61)



Water bowsers (p. 62-63)

#### **VARIOUS**





Hydrocleaners (p. 64)



Slurry mixers (p. 65)

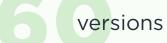


# JOSKIN. SLURRY TANKERS



#### JOSKIN SLURRY TANKERS

models



More info? Visit **joskin.com** 









#### A concentrate OF EXPERIENCE

The history of the JOSKIN slurry tanker began in 1984. The slurry tanker was the first machine to be produced under the JOSKIN banner, and it is now the flagship product of the range. Victor Joskin, seeing the success of his tankers, has since then continued to expand his range of products (injectors, spreading booms, muck spreaders, tipping trailers, silage trailers, multi-purpose trailers, bale trailers, hook-lift systems, low loaders, aerators, rotary pasture toppers, water bowsers and hydrocleaners). With **over 40,000 tankers sold** to date, JOSKIN's experience and technical expertise are widely recognised on the

international level, as evidenced by the numerous awards received over the years. From the easiest to the most technological one, our slurry tankers meet a high level of requirements regarding **reliability**, **sturdiness and safety**. With 9 basic models, JOSKIN now covers all farmers' needs.

		SELF-SUPPORTING CHASSIS		
		ALPINA2	COBRA2	TETRAX2
			JOSKIN	JOSE POR
	CAPACITY (L)	6,000 → 8,000	11,100 → 15,100	10,700 → 16,000
	AXLE(S)	Single axle	Single axle	2 axles - 4 wheels in a row
	PUMP(S)	Vacuum / Garda-Julia	Vacuum / Lobe / Spiral	Vacuum / Lobe



# JOSKIN. SLURRY TANKERS

#### 2 TYPES OF CHASSIS

#### SELF-SUPPORTING CHASSIS

A large part of our range has a **self-supporting structure**. This means that the chassis is welded under the tank over its entire length. Thanks to this principle, traction strains are more homogeneously distributed over the whole tanker, but the total weight is also reduced. This more compact design improves the manoeuvrability of the vehicle and gives it a lower centre of gravity, which improves traction and safety on rough terrain.





#### **UNIVERSAL CHASSIS**

JOSKIN also offers tankers with an **independent universal chassis**. Particularly suitable for heavy duty works, these models allow to focus all strains occurring during transport as well as the efforts of the rear implement directly on the chassis. Their tank is therefore fully protected. This design is compatible with all JOSKIN spreading systems and allows to move the tank in order to better distribute the loads depending on the weight of the rear implement.

	5	SELF-SUPPORTING CHASSIS	5
	MODULO2	VOLUMETRA	X-TREM2
	IOSKEN A	OSKIN DE LA CONTRACTION DE LA	O COLUMN TO THE STATE OF THE ST
CAPACITY (L)	2,500 → 18,000	12,500 → 28,000	16,000 → 20,000
AXLE(S)	Single/double axle	Double/triple axle	Double axle
PUMP(S)	Vacuum / Garda-Julia / Spiral	Vacuum / Garda-Julia / Spiral / Lobe / Storm / Vacu-Storm	Vacuum / Lobe / Vacu-Storm

#### JOSKIN SLURRY TANKERS

models



More info? Visit **joskin.com** 

















#### **MACHINES OF THE YEAR**

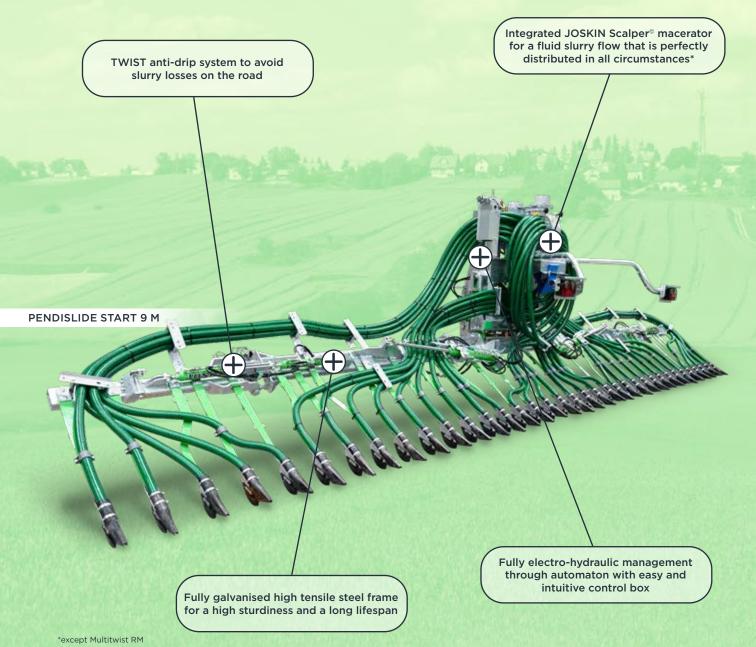
State-of-the-art, innovative tankers with a real added value for the farmer, this was enough to earn praise from the international press. Three JOSKIN models have indeed been awarded the prestigious title of "Machine of the Year": the Volumetra (2017, SIMA), the Modulo2 (2019, SIMA), and recently the X-Trem2 (2020, Agritechnica). JOSKIN is determined not to stop there and is therefore constantly working on the innovation and improvement of its machines.

		SELF-SUPPORTING CHASSIS	UNIVERSAL CHASSIS	
		TETRALINER	QUADRA	EUROLINER
		O O O O O O O O O O O O O O O O O O O	JOSKEN	
	CAPACITY (L)	21,000 → 28,000	16,000 → 20,000	20,000 → 28,000
	AXLE(S)	3 axles	Double axle	Triple axle
The Court of the C	PUMP(S)	Vacuum / Lobe	Vacuum	Vacuum / Storm / Lobe / Vacu-Storm

# .

# JOSK<mark>i</mark>n

# **SPREADING BOOMS**



	LINE SPREADING BOOM		
	PENDITWIST BASIC	PENDITWIST START	PENDITWIST
		Firming.	
SPREADING WIDTH (M)	6→ 7.5	9 → 12	9 → 18
NUMBER OF OUTLETS	24 → 30	36 → 44	30 → 72

#### JOSKIN SPREADING BOOMS

models

versions

More info? Visit **joskin.com** 









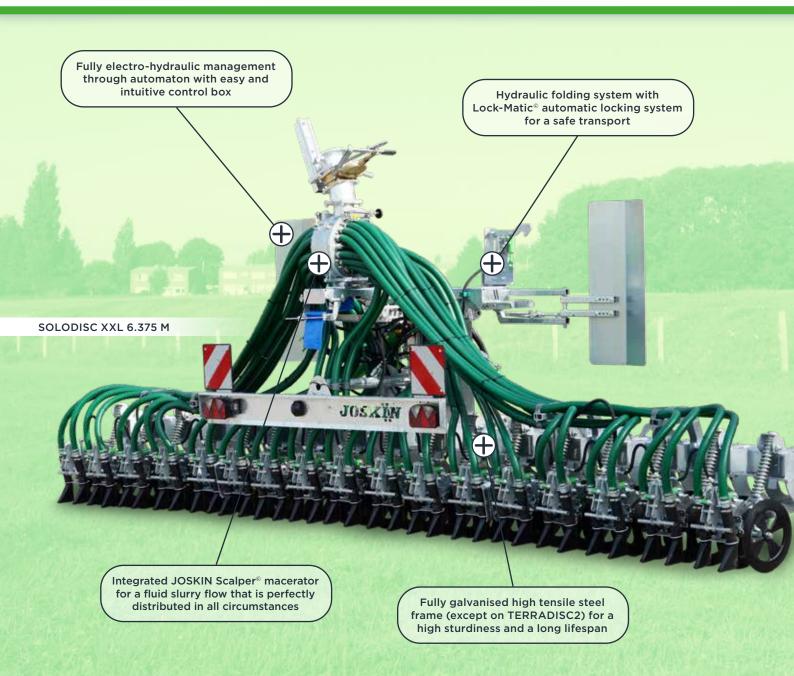
# of your organic fertilisers!

Making an optimal use of farm manure means using a rich and abundant resource to increase the yield of arable lands and meadows at a limited cost. In order to keep the natural properties of these organic fertilisers as much as possible, the JOSKIN spreading booms were studied to **significantly reduce volatile losses**. The slurry remains in this way very rich in organic matter, nitrogen, phosphorus, potash, magnesium, etc. Fitted with line hoses, skids or nozzles and to be used on arable lands or meadows, the JOSKIN spreading booms allow, given their large working width, to quickly and homogeneously spread slurry over large surface areas.

	LINE S	MULTI-NOZZLE BOOM		
PENDISLIDE PENDISLIDE PENDIS  BASIC START PENDIS		PENDISLIDE PRO	MULTITWIST RM	
<i>III</i> II				
	6→ 7.5	9 → 12	12 → 18	12 → 15
	24 → 30	36 → 44	48 → 72	8 → 10



# JOSKIN. INJECTORS



			MEADOW INJECTORS	
		MULTI-ACTION	SOLODISC	SOLODISC XXL
			16	
SPREAD WIDTH		3.01 → 7.74	3.01 → 7.74	6.37 → 7.87
NUMBER OUTLE		14 → 36	14 → 36	34 → 42

#### JOSKIN INJECTORS

models

versions

More info? Visit **joskin.com** 









# **EFFICIENTLY USE** your livestock manure!

Supporting a durable and sustainable agriculture, JOSKIN rapidly tried to improve the slurry spreading techniques and was even one of the pioneers as regards the design of injection implements. As a result of this work, the range of JOSKIN injectors can **cover all needs**: injection in meadows (with discs, skids or shares) and in arable lands (with rigid tines, spring tines and discs). By introducing the slurry directly in the ground, our injectors avoid any possibility of ammonia losses and allow to **make an efficient use of all fertilising properties** of your slurry. For these same reasons, they will reduce the bad smells for your

neighbours and form a profitable investment on the very short term!

		ARABLE INJECTORS		
		TERRASOC	TERRAFLEX2/2XXL/3	TERRADISC2
	SPREADING WIDTH (M)	2.8 → 5.2	2.7 → 8.62	4 → 6
	NUMBER OF OUTLETS	7 → 13	7 → 23	16 → 24



# Joskin.

# **MUCK SPREADERS**



	VERTICAL BEATERS		
	SIROKO	TORNADO	FERTI-CAP
VOLUME (M³)*	5 → 14.17	8.60 → 22.40	6.91 → 13.97
AXLE(S)	Single axle	Single/double axle	Single/double axle

#### JOSKIN MUCK SPREADERS

models



versions

More info? Visit **joskin.com** 









## Spreading IN THE WIDE SENSE

JOSKIN offers a complete range of muck spreaders in order to meet all needs. These models were designed to ensure a **wide and uniform spreading pattern** for all types of solid fertilisers. It can be heavy manure or lighter fertilisers (compost, lime, chicken manure, etc.). The JOSKIN muck spreaders are sturdy, safe, easy to maintain and to use. They will offer you the highest comfort at work.

		VERTICAL BEATERS	HORIZONTAL BEATERS	
		FERTI-SPACE2	TORNADO HORIZON	FERTI-SPACE2 HORIZON
		TOO		
	VOLUME (M³)*	12.32 → 27.20	11.50 → 22.40	12.32 → 27.20
	AXLE(S)	Double/triple axle	Single/double axle	Double/triple axle



## JOSKIN.

## **MONOCOQUE TIPPING TRAILERS**



#### JOSEIN MONOCOQUE TIPPING TRAILERS

models

versions

More info? Visit **joskin.com** 









## TRANSPORT PAYLOAD, not steel!

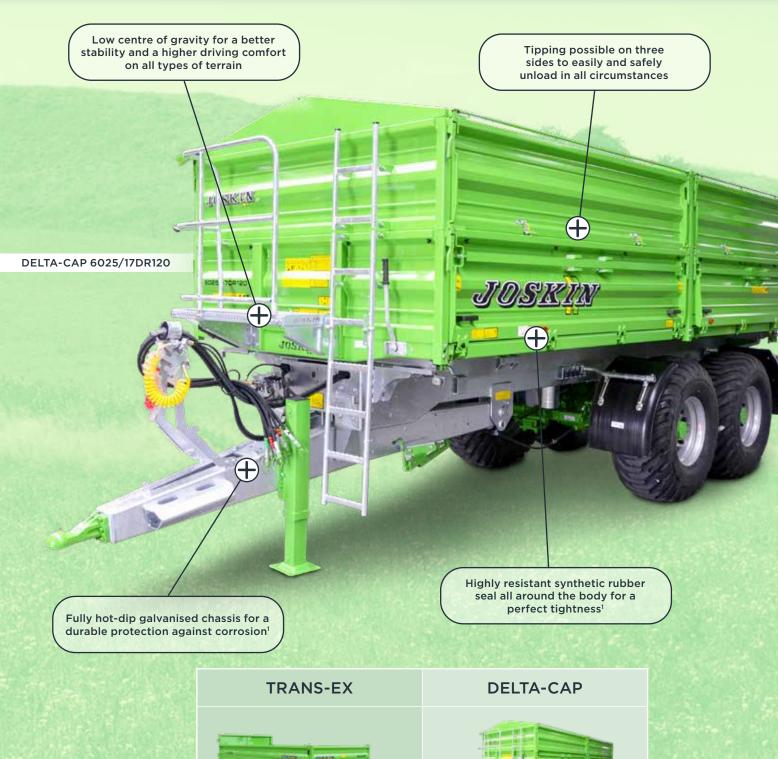
The JOSKIN Trans-CAP, Trans-CAP and Trans-PALM are agricultural tipping trailers that specially meet the requirements of modern agriculture. Fully made of high tensile steel, they have a **significantly reduced empty weight** for a higher loading capacity and sturdiness. These monocoque tipping trailers are very manoeuvrable and **easy to load**: their tapered body (8 cm wider at the back) and the position of the hydraulic ram allow to tip guickly and fluidly.

	TRANS-PALM	TRANS-CAP	TRANS-SPACE
		TOSKÍN	JOSEGN JOSEGN
BODY VOLUME (M	6.60 → 16.80	10.20 → 21.90	21.90 → 30.80
PAYLOAD (	T) 10 → 16	10 → 18	18 → 26
AXLE(S)	Single/double axle	Single/double axle	Double/triple axle





## DROPSIDE TIPPING TRAILERS



BODY VOLUME (M³) <sup>2</sup>	1.90 → 4.50	10.89 → 19.36
PAYLOAD (T)	3 → 9	8 → 14
AXLE(S)	Single/double axle	Single/double axle

#### JOSKIN DROPSIDE TIPPING TRAILERS

models

versions

More info? Visit **joskin.com** 









## Tipping trailers FOR ALL SITUATIONS

JOSKIN offers a full range of dropside tipping trailers in order to meet all needs. They are very sturdy given their high tensile steel structure and dropsides in closed profiles. They also are **very modular** and **versatile**. Various combinations of dropsides (40, 50, 60 and 80 cm high) are possible to reach the loading capacities required by the conditions on the field. Silage dropsides are also available to transport material with low density. Finally, every tipping trailer<sup>1</sup> can be fitted with a rear hitch allowing to couple a second trailer.

<sup>1</sup>except Trans-EX model

	TETRA-CAP	TETRA-SPACE
BODY VOLUME (M³) <sup>2</sup>	10.89 → 23.2	21 → 31
PAYLOAD (T)	8 → 16	18 → 24
AXLE(S)	2 axles	3 axles



# JOSELEN KTP CONSTRUCTION TIPPING TRAILERS



#### JOSKIN KTP CONSTRUCTION TIPPING TRAILERS

models

versions

More info? Visit **joskin.com** 









## Designed for the **TOUGHEST WORKS**

Regarding heavy duty works, JOSKIN has built a solid reputation throughout the world. The Trans-KTP tipping trailers are a perfect example of our mastery of the manufacturing processes. Their sturdiness and lowered empty weight are the result of their design in **HARDOX 450 steel**, which ensures an ultimate stress limit three times higher compared to traditional steel. Designed to safely transport payloads up to 30 t, you will be delighted by their **outstanding stability**, unrivalled **driving comfort** and **long lifespan**.

	9/11/15	TRANS-KTP 17/22/24/27/34
		JOSEPH
BODY VOLUME (M³)*	5.1 → 7.6	8.6 → 18.9
PAYLOAD (T)	9 → 15	17 → 30
AXLE(S)	Single/double axle	Double/triple axle



# JOSKIN. SILAGE TRAILERS



#### JOSKIN SILAGE TRAILERS

model

versions

More info? Visit **joskin.com** 









## Silage transport IN XXL VERSION

The Silo-SPACE2 is a new generation of optimised silage trailer to **increase the farmers and contractors' profitability**. Its design is based on a tapered body with moving floor to **fluidly and very quickly unload** silage. Its supporting chassis allows to maximise the body height, while providing an unrivalled loading capacity (up to 59 m³ with dome!). Designed on a particularly sturdy basis, the Silo-SPACE2 is also fitted with a JOSKIN running gear with hydraulic suspension, which makes it very stable and comfortable to drive, both in fields and on the road.

#### SILO-SPACE2



PAYLOAD (T)	22 → 28

AXLE(S) Double/triple axle



## Joskin.

## **MULTI-PURPOSE TRAILERS**



#### JOSKIN MULTI-PURPOSE TRAILERS

model

versions

More info? Visit **joskin.com** 









## It doesn't push; it doesn't tip; but IT TRANSPORTS!

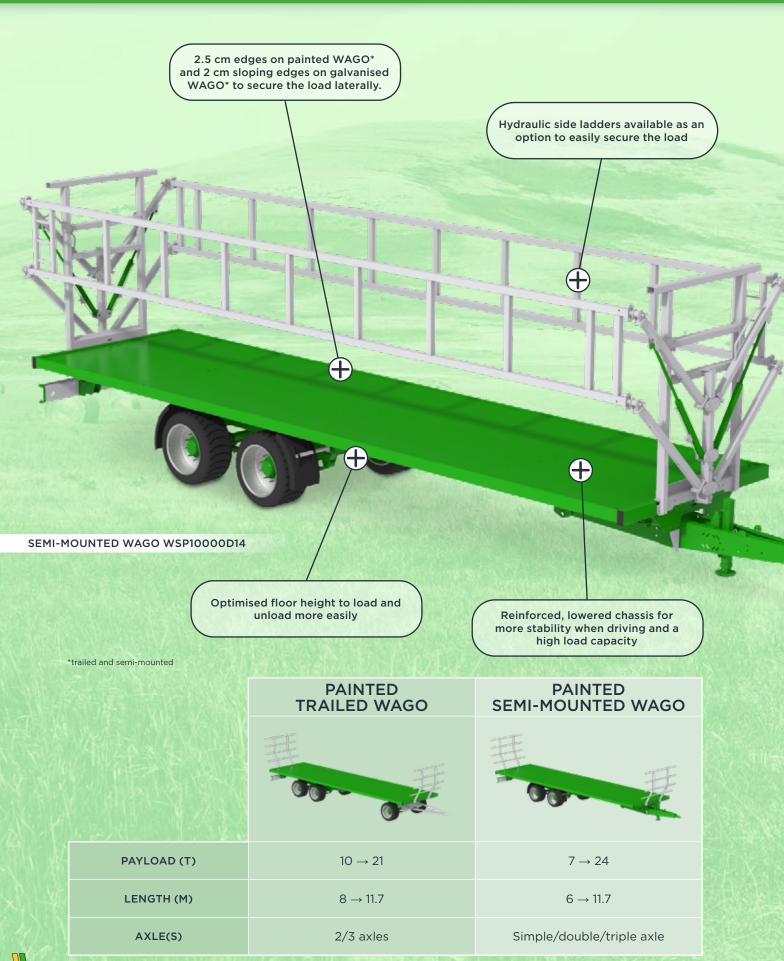
Considered as the **multi-talent** in the JOSKIN range, the DRAKKAR is a multi-purpose trailer allowing to transport many different types of material (silage, grains, pulp, beets, potatoes, vegetables, etc.). Thanks to its unique and very fast unloading system, with a 2.23 m wide **hermetic conveyor belt** and a **moving front wall**, the material is respected, while the body is perfectly stable during the use. Loading (of pallets, round or square bales, etc.) is also possible by reversing the direction of rotation of the conveyor belt. This mechanism was designed by JOSKIN in 2012 and has since then been often copied, but never equalled! Its low weight is due to the synthetic side walls, which allows to transport a maximal payload. Furthermore, its running gear ensures a perfectly stable driving performance, whatever the type of terrain.



1	BODY VOLUME (M³)*	23 → 46
	PAYLOAD (T)	18 → 28
	AXLE(S)	Double/triple axle

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# JOSKIN. BALE TRAILERS



#### JOSKIN BALE TRAILERS

models

versions

More info? Visit **joskin.com** 









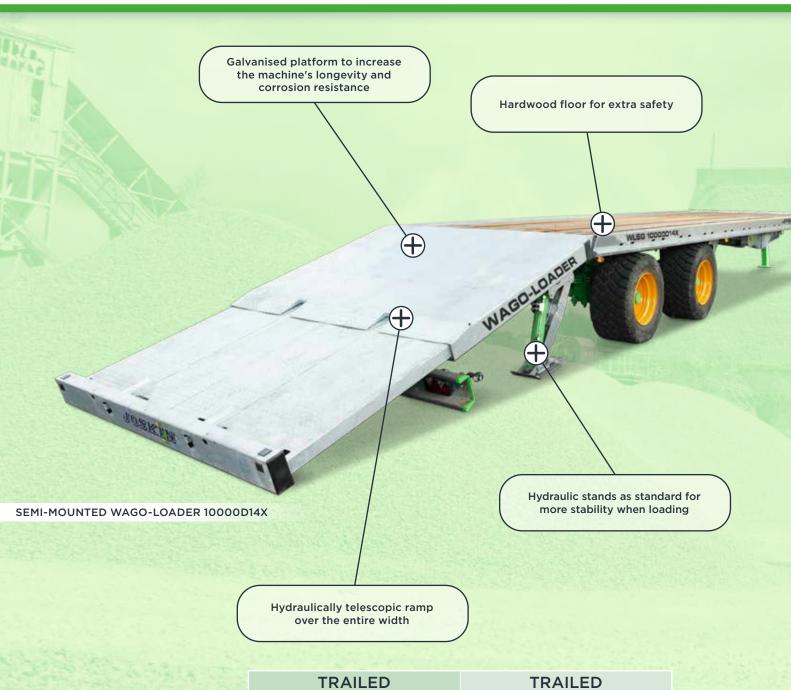
### **OUR TRANSPORT** solutions

JOSKIN offers a wide range of bale trailers and low loaders that can cover all uses. Benefiting from the advantages of a modern and standardised production, these trailers are made of high tensile steel, which ensures a very sturdy design. Whatever the model, every detail has been studied to provide the users with a **maximal load safety** as well as with **unmatched manoeuvrability and driving comfort**. The JOSKIN bale trailers, whether trailed or semi-mounted, are designed for the transport of straw/hay bales or pallets and are available in painted or galvanised versions. On the first one, the floor is made of a tapered plate with a 2.5 cm edge to secure the load laterally. On the second one, the platform is made of 4 mm high tensile steel and reinforced with successive ribs along its entire length. In order to avoid water stagnation, the ribs have holes for a quick cleaning and drainage of the liquids. The floor is also fitted with a sloping side edge, which gives increased stability to the load.

	GALVANISED TRAILED WAGO	GALVANISED SEMI-MOUNTED WAGO
PAYLOAD (T)	14 → 21	14 → 24
LENGTH (M)	8 → 11.7	8 → 11.7
AXLE(S)	2/3 axles	Double/triple axle



# JOSELN. LOW LOADERS



	WAGO-LOADER	WAGO-LOADER
	O- OOM	O OOM
RAMP TYPE	Manual	Hydraulic
PAYLOAD (T)	14 → 21	14 → 21
FLOOR LENGTH (M)	8 → 9.9	8 → 9.9
AXLE(S)	2/3 axles	2/3 axles

#### JOSKIN LOW LOADERS

models

versions

More info? Visit **joskin.com** 









TELESCOPIC RAMP

## A solution for ALL YOUR TRANSPORT NEEDS!

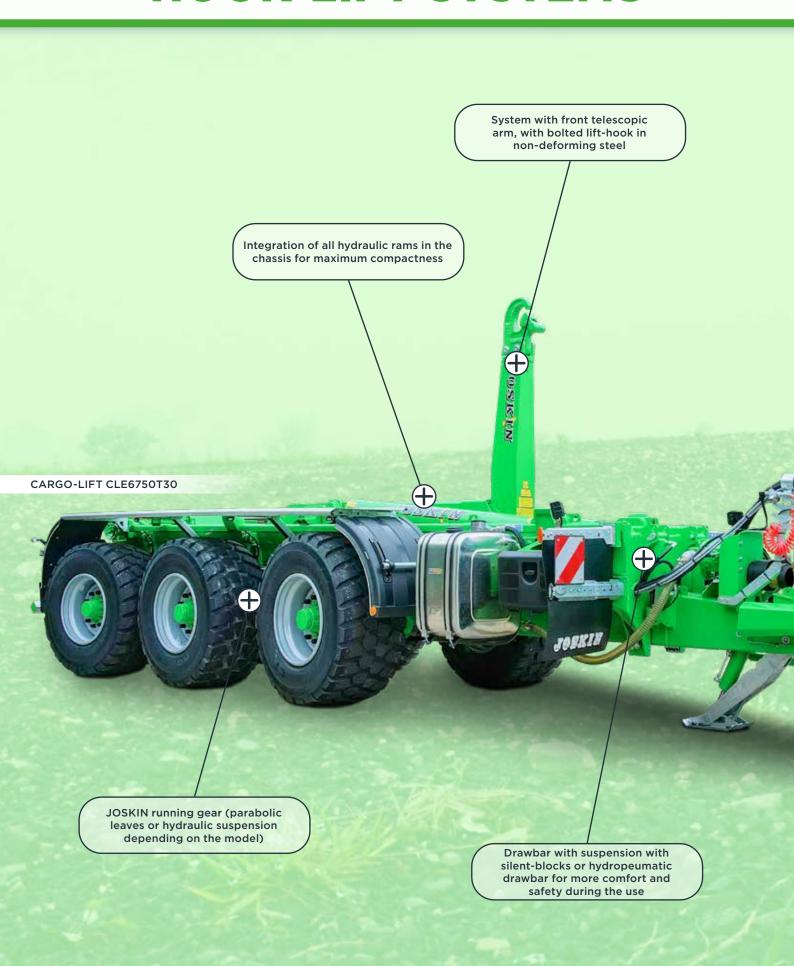
The JOSKIN WAGO-Loader low loaders, which are available in trailed or semi-mounted versions, are derived from the JOSKIN range of bale trailers and are adapted to transport heavier materials (implements, machinery, etc.). Their **chassis is reinforced and lowered** for a greater stability when driving and a higher load capacity (up to 24 t). When loading 4-wheeled vehicles, low loaders are designed to carry a maximum of 12 t per machine. For a load of more than 12 t, a uniform distribution is required over the length of the platform. The low loaders are **fully galvanised** except for their accessories, axles and floor. The floor is made of 35 mm thick treated hardwood, which ensures a greater safety during transport. The low loaders (with aluminium ramps or a hydraulic telescopic ramp) can be equipped with hydraulic side ladders as well as front and rear ladders. All these features makes them **very sturdy and versatile**.

SEMI-MOUNTED WAGO-LOADER	SEMI-MOUNTED WAGO-LOADER	SEMI-MOUNTED WAGO-LOADER
100	TOOP	O O PY
Telescopic	Manual	Hydraulic
14	24	24
8 → 10	9.9	9.9
Double axle	Triple axle	Triple axle



## JOSKIN.

## **HOOK-LIFT SYSTEMS**



#### JOSKIN HOOK-LIFT SYSTEMS

model

versions

More info? Visit **joskin.com** 









### **POWER AND LIABILITY**

Compact and sturdy, the JOSKIN Cargo-LIFT systems are fitted with a hook-lift that is ideally integrated in an industrial running gear. They were designed to carry various types of containers or tanks. Either on the road, as a transport vehicle, or in the field, the Cargo-Lift CL is the ideal hook-lift system to **meet all your requirements**. The Cargo-LIFT (CL) range consists of a total of 7 models with a pullout force ranging from 8 t to 30 t. This means that there is a suitable machine for everyone, both meeting the most common requirements and for an intensive professional use. Available in double and triple axle versions, the JOSKIN hook-lift system is ideally suited for containers or implements on platforms from 3 m to 7.445 m.

#### CARGO-LIFT CL



CONTAINER LENGTH (M)	3→ 7.445
TECHNICAL LOAD (T)	8 → 30
AXLE(S)	Double/triple axle

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## JOSKIN CARGO CHASSIS



#### JOSKIN CARGO CHASSIS

chassis

implements

More info? Visit **joskin.com** 





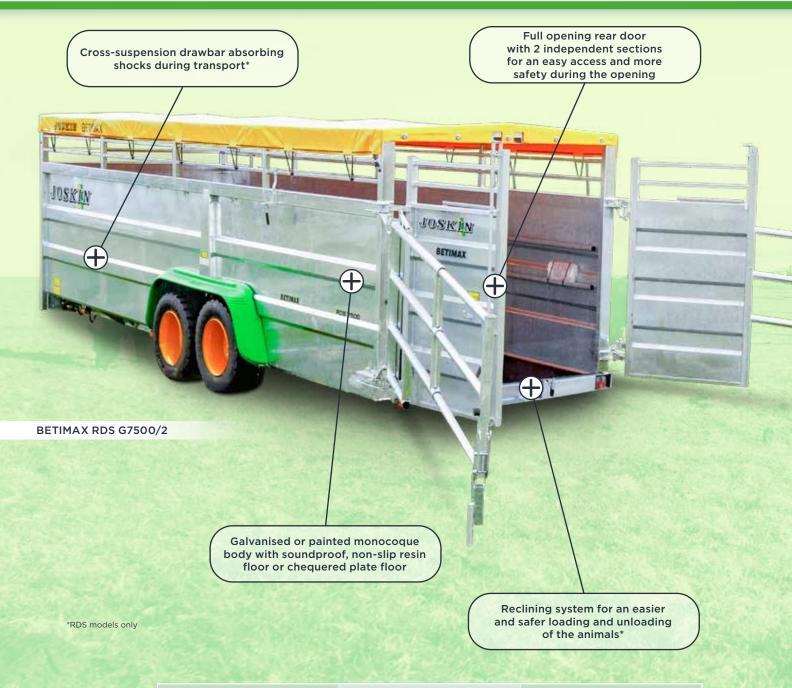
The JOSKIN Cargo2 chassis is designed for users who are looking for a **professional, economical** and versatile solution. Whether on the road, as a transport vehicle, or in the field, the JOSKIN Cargo2 provides a year-round return on investment and a maximum benefit from the versatility of the concept. It can be fitted with different implements: Vacu-Cargo2 (transport tank), Ferti-Cargo2 (muck spreader), Ferti-Cargo2 Horizon (universal spreader) or Drakkar-Cargo2 (transport body with conveyor belt and moving front wall). Available in double and triple-axle versions, this chassis with hydraulic suspension provides you every day with a solution for your agricultural works, with the **best possible comfort**!

	IMPLEMENTS		
	DRAKKAR-CARGO2	FERTI-CARGO2	FERTI-CARGO2 HORIZON
		10SISTN	
VOLUME (M³)*	27 → 41	13.41 → 27.80	13.41 → 27.20
BEATERS	/	Vertical	Horizontal



## Joskin.

## LIVESTOCK TRAILERS



	BETIMAX R	BETIMAX RDS P/1	BETIMAX RDS P/2
NUMBER OF ANIMALS	7 → 10	7 → 10	10 → 14
LENGTH (M)	5 → 6	5 → 6	7.5 → 9
AXLE(S)	Single axle	Single axle	Double axle

#### JOSKIN LIVESTOCK TRAILERS

models

versions

More info? Visit **joskin.com** 









## SAFE AND COMFORTABLE transport

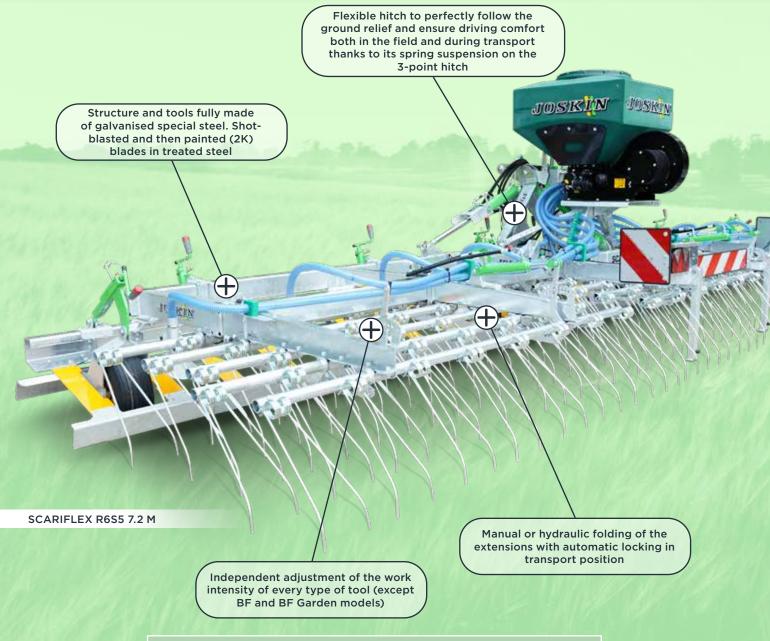
system (RDS) or a loading ramp (R), they provide a high comfort to the animals and a high ease of use to the cattle farmer. All outer fences are equipped with suspensions and "anti-noise" silent-blocks. Every element has been optimised to ensure your safety and that of your livestock: non-slip floor, full opening of the rear door, rounded edges on the wheel recesses, etc. The galvanised livestock trailers, in addition to offering a maximum protection against shocks and corrosion, have the advantage, through their soothing colour, of calming the animals during loading, which further reinforces safety. These trailers are completely waterproof and have a coating that is resistant to the aggression of animal waste. They are also easy to maintain.

	BETIMAX RDS G/1	BETIMAX RDS G/2	
NUMBER OF ANIMALS	7 → 10	10 → 14	
LENGTH (M)	5 → 6	7.5 → 9	
AXLE(S)	Single axle	Double axle	



## JOSKIN.

## **MEADOW AERATORS**



	ECONOMICAL MEADOW AERATORS	
	BF GARDEN	BF
WORKING WIDTH (M)	1.20 → 3.60	2.40 → 5.40
FOLDING SYSTEM	Manual	Manual/hydraulic
IMPLEMENTS R3S2: R4S2: R4S2: R4S2:		4S2: (1) (1) (2)

#### JOSKIN MEADOW AERATORS

models

versions

More info? Visit **joskin.com** 









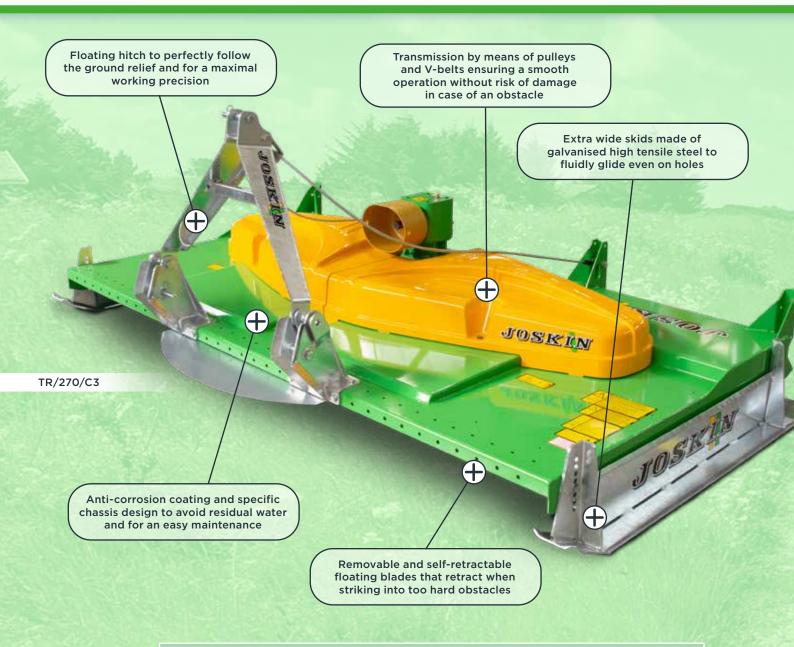
## MAXIMISE THE POTENTIAL of your meadows!

Our range of aerators is designed to efficiently maintain and regenerate your meadow and, in this way, guarantee a **quality pasture with a good productivity** at all times. Thanks to a particular combination of tools, specific adjustments and an adapted weight, every machine is configured to deal more or less intensively with moss, grass weed, molehills, etc. in meadows. Available in **many different widths** (up to 12 m), JOSKIN meadow aerators are suitable for all surface areas and all types of tractors. As an option, the "Variflex" system allows a continuous adaptation of the aggressiveness of the tines by hydraulic adjustment. This improves the intensity of the aeration and the efficiency of the mechanical weeding, especially on growing crops.

	ніс	HIGH-TECH MEADOW AERATORS	
	EBR4S2	SCARIFLEX	
WORKING WIDTH (M)	2.40 → 6.60	4.80 → 12.00	
FOLDING SYSTEM	Manual/hydraulic	Hydraulic	
IMPLEMENTS		R5S3: R6S5: R6S5: R6S6: R6S6: R6D2S3: R6S6: R6S6	



# JOSELN ROTARY PASTURE TOPPERS & CHOPPERS



		ROTARY PASTURE TOPPERS		
TR		TR	ATR	DTH3
	WORKING WIDTH (M)	1.80 → 3.60	2.70	2.70
	NUMBER OF ROTORS	2  o 4	3	3
	REQUIRED POWER (HP)	25 → 110	45 → 85	45 → 85

#### JOSELIN ROTARY PASTURE TOPPERS & CHOPPERS

models

versions

More info? Visit **joskin.com** 









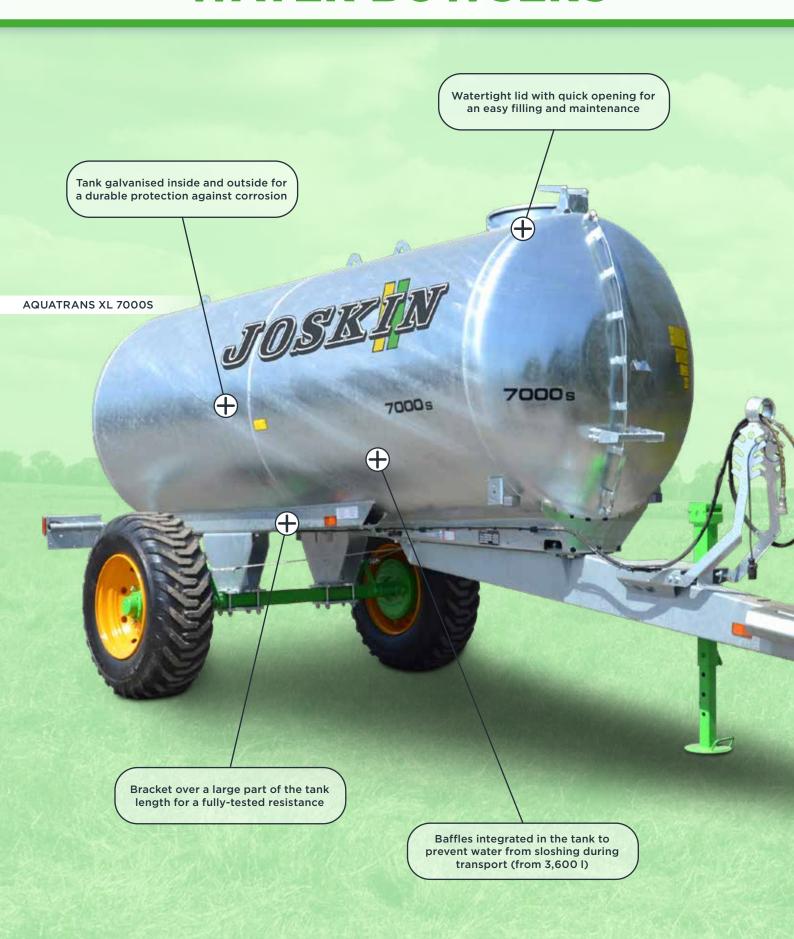
## A perfectly spread QUALITY CUT

The JOSKIN rotary pasture toppers and choppers are **sturdy, energy-efficient** implements making your pastures greener, more regular and richer in a short amount of time. They were specially studied to meet the various agricultural (mowing leftovers, fallows, etc.) and horticultural needs (maintenance of open spaces, brush clearing, etc.). Driven by a vertical transmission shaft, their cutting system ensures a **precise cut** of the vegetation. Thanks to the adjustable skids, the cutting height can be easily adjusted and the grass is cut horizontally and evenly in all circumstances.

	ROTARY PASTURE TOPPERS	CHOPPERS	
	TRT	BEV	ВЈ
			Tayer -
WORKING WIDTH (M)	7.50	1.30 → 1.60	2.75 → 3.15
NUMBER OF ROTORS	2 x 3	1	2
REQUIRED POWER (HP		12 → 60	75 → 125



# JOSKIN. WATER BOWSERS



#### JOSKIN WATER BOWSERS

models

versions

More info? Visit **joskin.com** 









## Tankers SUITED TO YOUR LIVESTOCK

JOSKIN developed a range of water bowsers to provide the cattle with **optimal drinking conditions**, while ensuring a **maximum handling comfort to the cattle farmer**. Manufactured in high tensile steel with the same tested techniques as the slurry tankers, the Aquatrans are compatible with a lot of options requiring or not a pre-equipment (drinking trough, etc.). They are available as a **mobile version** but also as **static model**, for other uses like storing water, etc.



	STATIC AQUATRANS	AQUATRANS	AQUATRANS XL
			rosativ
CAPACITY (L)	1,100 → 5,100	1,100 → 5,100	6,000 → 7,000
LENGTH (M)	1.56 → 4.35	1.56 → 4.35	4.12 → 4.45
DIAMETER (M)	1.00 → 1.25	1.00 → 1.25	1.40 → 1.50

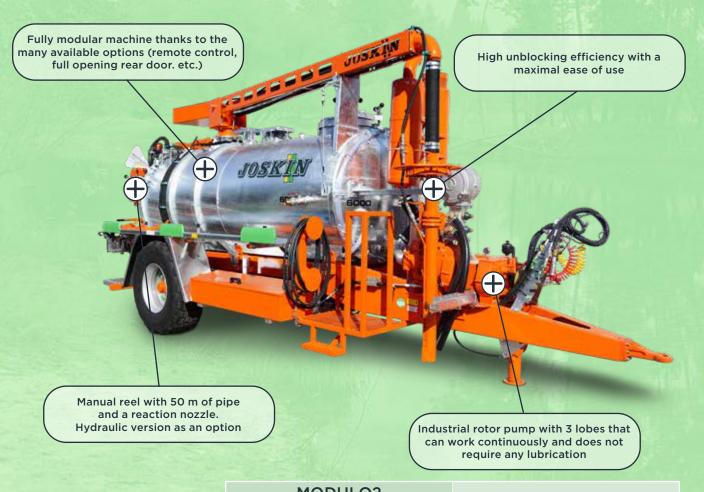


## JOSKIN HYDROCLEANERS

### **EFFICIENT AND EASY cleaning**

The JOSKIN hydrocleaners are designed to efficiently support you in all your cleaning works. To that end, they are fitted with an industrial vacuum pump, a high-pressure water pump and a galvanised tank with a water/mud partition. Designed on this common basis, the range includes 2 separate categories of products both for specific uses. Fitted with a dorsal boom, a tipping tank and a very powerful 120-l/min/120-bar

high-pressure pump, the **tipping hydrocleaners are designed for an urban use**, like cleaning street drains, sewers, etc. Thanks to their specific tank capacity and their 70-l/min/70-bar high-pressure pump, the **Modulo2 Hydro-Vacuum are rather aimed at a domestic use**, like emptying septic tanks and other similar works.



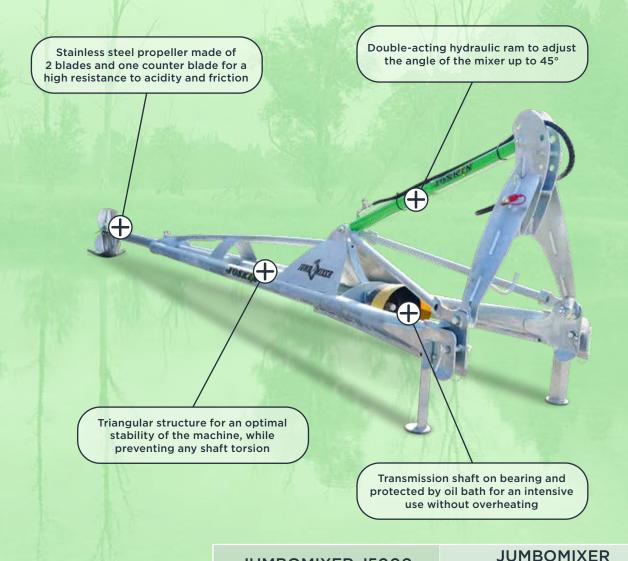


# JOSE IN. SLURRY MIXERS

### FOR A PERFECT SLURRY in a twinkling of an eye

The JOSKIN JUMBOMIXER is a sturdy and powerful machine designed to **optimally mix slurry in pits**. Its propeller, driven by a 540-rpm to 800-rpm Walterscheid P.T.O.-shaft, is specially designed to mix

high quantities of slurry while chopping it. It allows to mix and distribute the different slurry settling layers for a perfectly liquid result with a homogeneous amount of fertilising elements.



	JUMBOMIXER J5000	J7000/8000
SCAN ME		
LENGTH (M)	5.15	7.35/8.25
REQUIRED POWER (HP)	70	100
WEIGHT (KG)	300	480/510

## TAKE ADVANTAGE OF IT!

- Fvolving range of high-tech machines at best price
- Full standard equipment to perfectly meet
- Maximum quality and reliability thanks to the series production
- Large stock available at the authorized dealers of the JOSKIN network for a very fast delivery





# **ADVANTAGE**

With the "Advantage" concept, JOSKIN wanted to prove that it was possible to reduce the price of agricultural machines while increasing the quality. To get rid of this budget constraint, JOSKIN bet everything on a "mass" production that was until then not used in the agricultural trailer sector. The concerned models are indeed assembled on dedicated assembly lines so as to produce identical series of machines. Producing a large quantity of a model implies more advantageous prices for the raw materials, a more profitable distribution of the workforce and a higher efficiency of the automated machines. The resulting savings have then a direct impact on the selling price and allow to deliver a high-tech product at the price of a standard one.





## SPARE PARTS

## AT THE SERVICE OF **OUR CUSTOMERS**

Our great strength is the availability of spare parts at any time and anywhere! Thanks to our almost entirely in-house production (85% of the components of your machines are made in-house), we guarantee you an access to spare parts even years later! Indeed, the components used to assemble your machine are listed and detailed in an individualised spare parts book. This book, which is specific to your machine, is given to you on delivery and allows you, through your dealer, to benefit from a quick and efficient repair if necessary.

You will find below a small overview of the parts that can be ordered through your dealer. Once the order is placed, we do our best to deliver it to you as soon as possible...



#### **Eyelets**



Flat eyelet Ø50 100-110

Ref. 9274007109



Flat eyelet Ø50 145-160

Ref. 9274007106



Biba K80 100-110 eyelet

Ref. 9274007139



Biba K80 145-160 eyelet

Ref. 9274007107



Biba K80 **SCHARMULLER** eyelet 145-160 (4 t)

Ref. 9274007133



Swivel eye Ø50 145-160

Ref. 9274007135



Biba K80 145/160 eyelet with cast steel sleeve

Ref. 9274007141



Flat Ø 40 eyelet to be welded

Ref. 2034563507

## **SPARE PARTS**



#### **Valves**



6" valve + Perrot compact coupling Ref. 71501113



**6" air valve** Ref. 2034563566



8" valve + Italie sliding coupling

**coupling**Ref. 71502011



Perrot compact 6" coupling

Ref. 6060900561



Ramus 8" hydraulic valve

Ref. 2034565142



**6" 3-way valve** Ref. 2034560302



Hydraulic 8" flat valve

Ref. 2034560300



**6" bell valve** Ref. 2012120186



### **Suspension/Running gear**



Rocker beam table for 900 mm chassis

Ref. 5017683436



Pre-assembly bogie table D100/H350 TP

Ref. 6060990028



Parabolic leaves for bogie 3x100x45x1600

Ref. 2003451600



CL hydraulic ram 80/45/200 TRM hydr. susp.

Ref. 5017900733









### **Volumetric pumps**



Wangen 120 spiral pump of 3,666 l

Ref. 2034561605



Wangen 130 spiral pump of 4,500 l

Ref. 2034561626



Vogelsang VX 186-260Q P6 lobe pump

Ref. 2034561468



Vogelsang VX 186-368 Q P6 lobe pump

Ref. 2034561345



#### Vacuum pumps



Star 60 DV LA pump

Ref. 9271401174



MEC8000 LA-UL 540 rpm pump

Ref. 9271401119



PN 106/M-GA 540 rpm pump

Ref. 9271401080



Jurop PNR124 pump with speed-incr. gearbox 540 rpm GROOVED shaft -L-

Ref. 2034561091



PN130MA 1,000 rpm pump

Ref. 9271401181



PNR 155/MA GA pump

Ref. 9271401254



PNR 155 D pump + oil tank

Ref. 9271401250



DL180 1,000 rpm pump ROT L 4-way valve

Ref. 9271401207

## **SPARE PARTS**



#### **Slurry macerator**



Counter blade MOD 0 24 outl. D565

Ref. 3456783435



Bolted milled macerator blade

Ref. 6356789754



Galva macerator 400 R1"1/2-R900 MOD+2

Ref. 6060620401+2



Eccentric macerator 36 outl. - variable - left

Ref. 6060620044



### **Wear parts for pumps**



Stator for Wangen GL65-120.0 pump

Ref. 2034562186



Service kit for MEC 8000 pump

Ref. 206010201008



Service kit for STAR 84 pump

Ref. 206010201013



Seal kit for PN 155 D/ RD pump

Ref. 20189200CZQB0



Lobe 116-120 2K NBR

Ref. 2034560508



Vane for MEC 8000 pump

Ref. 204070113008



Vane for STAR 84 pump

Ref. 204070113117



Longlife vane PNR155 533X74X8

Ref. 2016016BXNB0









### **Wear parts for Injectors**



Narrow share Ref. 2012120306



Ø 400 disc central hub Ref. 2012120660



Metallic share for spreading implements

Ref. 2012120453



Solodisc injection cone D48 L370 mm

Ref. 2012120419



Disc 250x3 Ref. 2012120593



**Duckfoot share** Ref. 2012120503



**Multi-Action spring** Ref. 2012120462



Injector hub Ref. 2012120644



### **Terminals**



**ISOBUS BASIC** terminal Ref. 2034563595



**ISOBUS SMART 570** terminal Ref. 2034564303



**TOUCH 800 terminal** Ref. 2034563619



**TOUCH 1200 terminal** Ref. 2034563614



## Agriculture is **MORE THAN JUST A JOB...**

In order to further feed its fans' passion, JOSKIN offers a wide range of clothes and articles with the JOSKIN logo (jackets, coveralls, backpacks, mugs, etc.). The reputation of the JOSKIN machines throughout the world has attracted the main toy and scale model manufacturers. We are therefore proud to offer you more than 50 scale models of our machines. Are you either a kid or a collector, you will always find something you like in our shop.

To learn some more about the future JOSKIN accessories and clothes that will come into your display case and/or wardrobe, visit our online shop at any time on **www.joskin.com/shop**. Our products are also available in our boutique at our headquarters as well as on our stand during the various agricultural trade fairs and exhibitions.



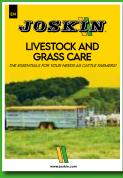
Over
JOSKIN scale models

## Over JOSKIN items of clothing and accessories

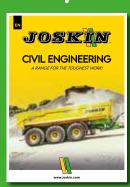


# JOSIKI

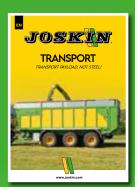
# THE STRENGTH OF experience











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