

# JOSKIN

EN TR - TRT - ATR



[www.joskin.com](http://www.joskin.com)

*"A WIDE RANGE ADAPTED  
TO YOUR NEEDS OF BREEDER"*



## Table of Contents

Advantages and Common Points .....	4
TR .....	5
TRT / ATR .....	6
After-Sales Service .....	8

### ADVANCED TECHNIQUE

This high-tech fabrication concept inevitably goes along with significant investments in production tools able to handle the necessary steel plates: 8m laser cutting tables, bending machine, 8,2m folding press with digital control and automatic folding angle correction device, 8m welding robot, ...



*Lathe machine with digital control*



*Welding robot*



*Folding machine with digital control*



*Laser cutting table*



## MANUFACTURING

At JOSKIN, there is not one winning solution, but well as many as different requests; that is why each machine is manufactured according to standardized components.

Thanks to the multiple solutions of our catalogue, you will be able to make the choice that will meet all your expectations. According to the selected accessories, your machine is configured on the computer before being carefully manufactured in different stages.



*Assembling a meadow aerator*

## FULLY COMPUTERIZED CONCEPTION AND DEVELOPMENT

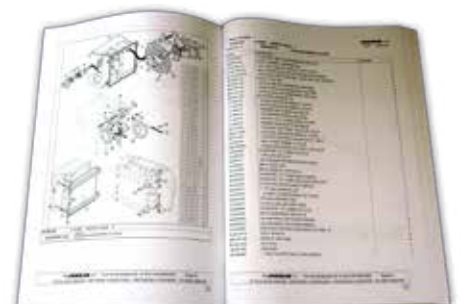
The JOSKIN machines are completely computer-designed by means of 3D-engineering softwares. Before the first prototype is produced, the development team can already visualize its creation, simulate all the movements and correct the possible mistakes.

From the very beginning of the project, the new design is linked to the SAP global management program: the designers directly integrate the new parts lists to the central configurator. As a result, it immediately comes within the continuous development process. This integrated architecture allows to standardize the production as much as possible and to rationalize the components in order to guarantee higher manufacturing precision and production flexibility.

## INDIVIDUALIZED PARTS BOOK

The most obvious expression of the computer-aided management of the integrated JOSKIN production is the individualized parts book we deliver with each machine.

It includes the drawings and references of the components mounted on your machine, with the exclusion of any other part. In this way, many mistakes can be avoided when ordering spare parts - even years later.



# PASTURE CHOPPERS AND TOPPERS

## Advantages and Common Points



### MOWING...

In pastures, part of the grass is not eaten by the cattle: the trampled, spoiled or smelly vegetation. These “remains” are wasted as forage and they probably will for the whole season, as they will never be eaten by the cattle. They are also detrimental to the grass quality and to the meadow profitability.

It would then be a good thing to mow them so that your pastures can quickly and evenly grow again. In this way, they won't end up in the silage, the forage will have a better quality and will also better be digested by the cattle (between 0,5 and 1kg more absorbed dry matter per cow), leading to lower needs in concentrates.

Finally, mowing the remains helps to protect the vegetation against weed and parasites. As you can see, it only brings on advantages for the stock breeder.

More technical arguments are also in favour of the pasture topper: easily adjustable cutting height, sturdiness, reliability and limited maintenance.

### CLEAN AND VENTILATED CUT

JOSKIN has designed removable and retractable floating blades in order to ensure a quality cutting. They retract when striking into too hard obstacles. This technical solution spares the transmission and therefore optimally protects your tractor against shocks. Thanks to the large free space between the blades and the chassis, the air can flow freely and the chopped matter is mixed without slowing down or being blocked. The spiral movement of the blades sucks the vegetation upwards (as a tornado), In this way, it is smoothly and efficiently cut. It is HIGHLY VENTILATED ! The grass is perfectly spread thanks to the deflectors installed in the casing.

### REAR-MOUNTED MACHINE

The 3-point hitch allows to carry the machine while driving but, while working, it is simply trailed by the 2 lower points, as the 3rd one is floating. Thanks to this special design, the pasture toppers can follow the ground unevennesses.



### FRONT-MOUNTED

The floating 3rd point of the machine in working position is only retained for front pasture toppers. These are hitched by means of a central beam that trails the machine at the front. The back of the pasture topper is simply supported by a sliding guide. As a result, the machine can "float" freely on the ground. Besides, the double hitching spring makes the continuous contact on the ground lighter.



# PASTURE TOPPERS

TR



The TR pasture toppers are fitted with several small rotors (2, 3, 4 or 2 x 3). Each of them is fitted with two retractable blades of the D type which can turn on 360°.

## SPECIALIST IN MEADOW REMAINS

The pasture topper is the ideal tool because it chops and spreads the grass: in this way, the remains are turned into fertilizer. Besides, the chopped residue is well digested by young calves and dry cows. More technical arguments are also in favour of the pasture topper: easily adjustable cutting height, sturdiness, reliability and limited maintenance.



The different rotors are driven by 2 V-belts.

## SPECIFICATIONS

Constituents	HLE steel
P.T.O.-shaft	Rear-mounted (TR) 540rpm
Drive	Belts
Contact surface with the ground	Skids of 150mm and Ø 330mm galvanized disc(s)
Protection plate	Rear (pre-equipped for anti-projection chains)
Hitching	Ø 22mm and Ø 28mm

## DTH3

For users who do not want to drive on remains because they would get crushed before being cut, the best solution is the TR DTH3 (rear-mounted with right off-set as standard).

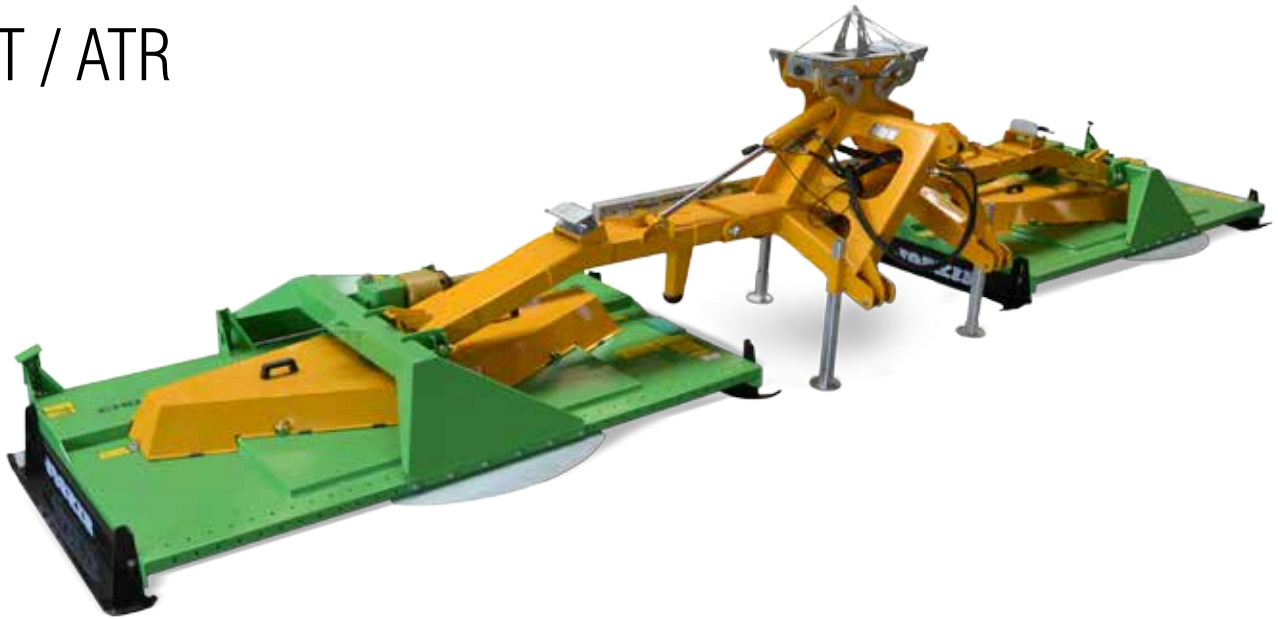


## PASTURE TOPPERS MODELS

		Position	Number of rotors	Min/max req. power (hp)	Disc Ø 330mm std / max	Working width (mm)	Transport width (m)	Weight (kg)
TR/180/C2		Central rear	2	25 / 70	0 / 2	1.810	2,10	350
TR/220/C3			3	25 / 80	1 / 3	2.200	2,50	400
TR/270/C3			3	45 / 85	1 / 3	2.700	3,00	480
TR/360/C4			4	70 / 110	2 / 4	3.600	3,90	640
TR/270/DTH3		Rear, with full off-set (right off-set as standard)	3	45 / 85	1 / 3	2.700	2,45	950

# PASTURE TOPPERS

## TRT / ATR



### WIDE ROTARY PASTURE TOPPER

The TRT rotary pasture topper has the same characteristic as the TR: it chops and spreads the grass, turning in this way the remains into fertilizer. As a result, the chopped residue is well digested by young calves and dry cows.

The TRT topper is rear-mounted and can be combined with a front-mounted ATR. The central frame allows to unfold it on both sides and, in combination with an ATR 270, to mow over 7,50m in one single passage.



For safety reasons when driving, a mechanical lock prevents the arms from opening.



### SPECIFICATIONS

Constituents	HLE steel
P.T.O.-shaft	Rear-mounted (TR) 1.000rpm Rear-mounted (TR) 540rpm
Drive	Belts
Contact surface with the ground	Skids of 150mm and Ø 330mm galvanized disc(s)
Protection plate	Rear (pre-equipped for anti-projection chains)
Hitching	Ø 22mm and Ø 28mm

### PASTURE TOPPERS MODELS

	Position	Number of rotors	Min/max requ. power (hp)	Disc Ø 330mm std / max	Working width (mm)	Transport width (m)	Weight (kg)
TRT/750/C6	Double off-set (left or right) to combine with ATR/270/C3	2 x 3	100 / 200	2 / 6	7.500 <sup>(2)</sup>	front: 3,00 rear: 2,50	1.700
ATR/220/C3	Central front with adjustable spring suspension	3	25 / 80	1 / 3	2.200	2,50	490
ATR/270/C3		3	45 / 85	1 / 3	2.700	3,00	570



# JOSKIN

## AFTER-SALES SERVICE



## Automated Storage Systems

JOSKIN has understood that the after-sales service is a duty, not only for each representative or dealer, but also for the manufacturer, first of all for the user's satisfaction, and in the second place, for the future development of the products. Thanks to a centralized stock for all Europe, located in the centre of a European road interchange, and given the current efficiency of the (accelerated) parcel delivery services, JOSKIN offers a quick and quality after-sales service to its customers.

The current used system of QR codes provides satisfaction to our partners and customers. Combined with the individualized spare parts book, these stickers allow the customer to make sure the parts he got corresponds to the reference he found in his nomenclature.

Today, there are two automated storage areas for the spare parts in Soumagne. The first one, which is fully automated, is active since July 2014 and houses large spare parts. With a volume of 28.000 m<sup>3</sup>, this space allows an optimal management of the stocks and therefore a faster response to the demand! The second one includes

21 automated carousels for small spare parts. These installations respect JOSKIN's aim, which is to always have all spare parts in stock so as to guarantee a quality after-sales service.

Moreover, JOSKIN promises to supply the spare part within 24 to 48 hours after the order has been taken in order to reduce wastes of time, and therefore of money, that a defective part could cause in a farming concern.



Automated storage spaces of 28.000m<sup>3</sup>



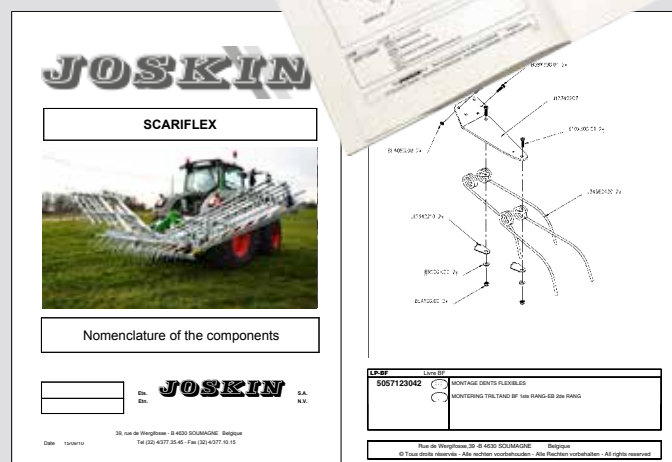


## Parts Book

Since 1996, JOSKIN has been delivering each vehicle with an individualized parts book, which allows to easily identify and efficiently supply the spare parts for life. It is the very expression of the Group's precision.

This book only contains the components used for the fabrication of the machine. They can easily be identified thanks to the detailed plans of each assembly, which allow to order the part to be replaced with the greatest accuracy.

Furthermore, JOSKIN has filed the used components since 1984 and will always supply you the appropriate spare part. The individualized parts book, far from being a luxury, is the key of a good lifetime service but also the warranty of a longer lifetime of your machine.



## Assistance service

Next to the after-sales service, JOSKIN also has its own assistance service. It includes technicians who roam the roads in order to provide constant advice and support to dealers.

In order to constantly improve its assistance service, JOSKIN is regularly organizing trainings on its site of Soumagne. Their aim is to prepare in the best possible way the actors on the ground

who will be in charge of maintaining or repairing your machines. Given the constant evolution of the machines and the addition of new technologies or new products, they are indispensable and aim at updating technicians' knowledge.



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Your local JOSKIN partner

