

JOSKIN

MUCK SPREADER PROGRAMME

www.joskin.com

5 ranges
22 models



Capacities
from 6,5 m³
to 25,8 m³

JOSKIN

Strength of Experience

A small volume with lowered narrow body for quality spreading



The new **JOSKIN SIROKO** spreader with lowered body is remarkable in many ways: its innovative design makes maintenance of the machine much easier. The hitching cross-suspension and the large dimensions of the wheels give it excellent stability when working as on the road. Its body in HLE 550 high tensile steel is made up of successive foldings and has a rectangular upper band. The height of the side walls of 1.090 mm* or 1.340 mm** offers a load capacity from 6,44 m³ to 14,17 m³. According to the product, the two shredding beaters with folded spirals split and spread 7 to 10 m away per row.

Specific equipment SIROKO

- Hitching cross-suspension with parabolic leaves
- Moving floor with 2 shipping chains of Ø 14 mm
- 2 vertical beaters (Ø 785 mm) with 4* or 5** folded spirals with a height of 1.750 mm* or 2.000 mm**
- Removable teeth in HARDOX 450 steel (80 x 6 mm)
- Retractable blades (Ø 829 mm) at the base of the beaters
- 1.000 rpm drive - beater rotation speed: 450 rpm
- Transmission protected by flexible rubber couplings, P.T.O.-shaft with shear bolt and overrun clutch

Optional equipment SIROKO

- Galvanization (body and chassis)
- 540 rpm transmission - beater rotation speed: 450 rpm
- HARDOX 450 protection plate for the spreading table
- Possible wheel dimensions up to 1.785 mm high and 720 mm wide

* for models 4010/9V and 5010/11V ** for models 5013/12V and 5513/13V

Range table

(Ask for our specific documentation about the SIROKO spreaders)

Type	Off-road payload	Body dimensions				Body volume before door	Manure volume before door	Manure volume up to beaters	Axle: □ (mm) - track (mm) - studs	Brakes (mm)
		Length		Width	Height					
		before door	up to beaters							
S4010/9V	9 T	4,18 m	4,67 m	1,45 m	1,09 m	6,44 m ³	8,41 m ³	9,40 m ³	100x2000-10S	400 x 80
S5010/11V	11 T	5,21 m	5,70 m	1,45 m	1,09 m	8,10 m ³	10,56 m ³	11,55 m ³	130x2100-10S	406 x 120
S5013/12V	12 T	5,05 m	5,54 m	1,45 m	1,34 m	9,43 m ³	11,78 m ³	12,96 m ³	130x2100-10S	406 x 120
S5513/13V	13 T	5,50 m	5,99 m	1,45 m	1,34 m	10,40 m ³	12,98 m ³	14,17 m ³	130x2100-10S	406 x 120

Spreader with lowered narrow body for intensive work



The TORNADO3 has a lowered narrow body in HLE steel and wheels with a large diameter as well. Its high capacities and strength are ensured by its body made up of successive folds and by a lateral reinforcing post. This body with a height of 1.570 mm (1.370 mm for 5513/14V) offers load volumes from 11,5 to 25,8 m³ according to the model. The shredding beaters with folded spirals spread evenly on a width from 7 to 16 m per row, according to the product.

Specific equipment TORNADO3

- Hitching cross-suspension with parabolic leaves
- **Moving floor with 2 shipping chains of Ø 16 mm**
- **2 vertical beaters (Ø 1.010 mm) with 5 folded spirals with a height of 2.220 mm**
- **Removable teeth in HB 400 high tensile steel (type HARDOX) (80 x 12 mm)**
- **Retractable blades (Ø 1.100 mm) at the base of the beaters**
- 1.000 rpm drive - **beater rotation speed: 445 rpm**
- HARDOX protection plate for the spreading table
- **Transmission protected by two flexible rubber couplings on and between gearboxes, P.T.O.-shaft with shear bolt and overrun clutch**
- Hydro-Tandem suspension and free steering axle as standard on double axle
- Wide angle P.T.O.-shaft

Optional equipment TORNADO3

- Galvanization (body, chassis)
- Large beaters, 2.520 mm high
- Hydraulic moving floor tighteners on hand pump
- **Single axle: possible wheel dimensions up to 2.070 mm high and 755 mm⁽¹⁾ wide**
- **Double axle: possible wheel dimensions up to 1.600 mm high and 635 mm wide**
- **Aluminium or wooden extension (250 mm)**

⁽¹⁾ Pay attention to the legislation of the country with some wheels: overall width of the vehicle of more than 3.000 mm



Range table

(Ask for our specific documentation about the TORNADO3 spreaders)

Type	Off-road payload	Body dimensions				Body volume before door	Manure volume before door	Manure volume up to beaters	Axle: □ (mm) - track (mm) - studs	Brakes (mm)
		Length		Width	Height					
		before door	up to beaters							
T5513/14V	13T	5,5 m	6 m	1,45 m	1,37 m	11,41 m ³	13,94 m ³	15,55 m ³	ADR 130x2100-10S	406 x 120
T5516/16V	14 T	5,5 m	6 m	1,45 m	1,57 m	13,1 m ³	16 m ³	17,8 m ³	ADR 150x2100-10S	420 x 180
T6016/17V	15 T	6 m	6,5 m	1,45 m	1,57 m	14,3 m ³	17,5 m ³	19,3 m ³	ADR 150x2100-10S	420 x 180
T6516/19V	16 T	6,5 m	7 m	1,45 m	1,57 m	15,6 m ³	19 m ³	20,9 m ³	ADR 150x2100-10S	420 x 180
T6516/19BV	18 T	6,5 m	7 m	1,45 m	1,57 m	15,6 m ³	19 m ³	20,9 m ³	ADR 2x130x2100-10S	406 x 120
T7016/21BV	20 T	7 m	7,5 m	1,45 m	1,57 m	16,8 m ³	20,6 m ³	22,4 m ³	ADR 2x150x2100-10S	420 x 180
T7018/24BV	21 T	7 m	7,5 m	1,45 m	1,57 m + 0,25 m	20,3 m ³	23,9 m ³	25,8 m ³	ADR 2x150x2100-10S	420 x 180

JOSKIN Ferti-CAP

Wide body for spreading and transport



With the new Ferti-CAP, **JOSKIN** offers a spreader with wide monocoque body for a large spreading width. The body in HLE 550 steel is 810 mm high. With its capacities from 6,91 to 13,97 m³, the Ferti-CAP is very multifunctional in spreading and transport of different materials. According to the product, the large diameter of the vertical beaters with folded spirals guarantees a spreading width from 8 to 12 m per row. The shredding beaters can be easily removed to turn the Ferti-CAP into a harvest trailer (silage and others).

Specific equipment Ferti-CAP

- Hitching cross-suspension with parabolic leaves
- **Moving floor with 2 shipping chains of Ø 14 mm**
- **2 vertical beaters (Ø 1.080 mm) with 3 folded spirals with a height of 1.500 mm**
- **Removable teeth in HARDOX 450 steel (80 x 6 mm)**
- **Oval discs with blades of Ø 1.140 mm at the base of the beaters**
- **1.000 rpm drive - beater rotation speed: 270 rpm**
- **Transmission protected by flexible rubber couplings, P.T.O.-shaft with shear bolt and overrun clutch**

Optional equipment Ferti-CAP

- **Galvanization (body and chassis)**
- **540 rpm transmission - beater rotation speed: 270 rpm**
- HARDOX protection plate for the spreading table
- **Aluminium or wooden extension (250 mm)**
- Free or self steering axle for 5508/12BU
- Possible wheel dimensions up to 1.500 mm high and 750 mm wide for single axle
- Possible wheel dimensions up to 1.260 mm high and 555 mm wide for double axle

Range table

(Ask for our specific documentation about the Ferti-CAP spreaders)

Type	Off-road payload	Body dimensions				Body volume before door	Manure volume before door	Manure volume up to beaters	Axle: □ (mm) - track (mm) - studs	Brakes (mm)
		Length		Width	Height					
		before door	up to beaters							
FC4008/9U	8 T	4,17 m	4,72 m	2,04 m	0,81 m	6,91 m ³	9,01 m ³	10,25 m ³	90x2000-8S	400 x 80
FC5008/10U	10 T	4,87 m	5,42 m	2,04 m	0,81 m	8,10 m ³	10,54 m ³	12,22 m ³	100x2000-10S	400 x 80
FC5508/12U	12 T	5,67 m	6,22 m	2,04 m	0,81 m	9,45 m ³	12,29 m ³	13,97 m ³	130x2000-10S	406 x 120
FC5508/12BU	12 T	5,67 m	6,22 m	2,04 m	0,81 m	9,45 m ³	12,29 m ³	13,97 m ³	2x90x2000-8S	350 x 60

JOSKIN Ferti-SPACE

A spreader in the broad sense...



The Ferti-SPACE has a wide monocoque body in HLE steel offering a large spreading width. The body of the Ferti-SPACE is 1.050 mm high. Its strong structure and capacities from 12 to 21 m³ make it a multifunctional machine for intensive use. Thanks to the large diameter of the vertical beaters with folded spirals, the Ferti-SPACE can spread on a width from 8 to 16 m per row. The conversion of the Ferti-SPACE into a harvest trailer is carried out easily by demounting the shredding beaters.

Specific equipment Ferti-SPACE

- Hitching cross-suspension with parabolic leaves
- **Moving floor with 4 shipping chains of Ø 14 mm**
- **2 vertical beaters (Ø 1.080 mm) with 4 folded spirals with a height of 1.500 mm**
- **Removable teeth in HB 400 high tensile steel (type HARDOX) (80 x 12 mm)**
- **Retractable blades (Ø 1.140 mm) at the base of the beaters**
- 1.000 rpm drive - **beater rotation speed: 327 rpm**
- HARDOX protection plate for the spreading table
- **Transmission protected by two flexible rubber couplings on and between gearboxes, P.T.O.-shaft with shear bolt and overrun clutch**
- **JOSKIN** Roll-Over boggie as standard on 5511/15BU, 6011/17BU and 6511/18BU
- Hydraulic axle suspension as standard on 7011/20BU and 7011/20TRU
- Wide angle P.T.O.-shaft

Optional equipment Ferti-SPACE

- Galvanization (body and chassis)
- **Hydraulic moving floor tighteners on hand pump**
- Self steering axle instead of free steering axle
- **Possible wheel dimensions up to 1.518 mm high and 800 mm wide**
- Aluminium or wooden extension (250 mm)



Range table

(Ask for our specific documentation about the Ferti-SPACE spreaders)

Type	Off-road payload	Body dimensions				Body volume before door	Manure volume before door	Manure volume up to beaters	Axle: □ (mm) - track (mm) - studs	Brakes (mm)
		Length		Width	Height					
		before door	up to beaters							
FS5511/15BU	14 T	5,5 m	6,05 m	2,05 m	1,05 m	12,32 m ³	15,49 m ³	17,04 m ³	ADR F100/S130x2000-10S	400 x 80
FS6011/17BU	16 T	6 m	6,55 m	2,05 m	1,05 m	13,41 m ³	16,87 m ³	18,42 m ³	ADR 2x130x2000-10S	406 x 120
FS6511/18BU	18 T	6,5 m	7,05 m	2,05 m	1,05 m	14,51 m ³	18,24 m ³	19,79 m ³	ADR 2x130x2000-10S	406 x 120
FS7011/20BU	20 T	7 m	7,55 m	2,05 m	1,05 m	15,60 m ³	19,62 m ³	21,17 m ³	ADR 2x150x2000-10S	420 x 180
FS7011/20TRU	20 T	7 m	7,55 m	2,05 m	1,05 m	15,60 m ³	19,62 m ³	21,17 m ³	ADR 3x150x2000-10S	420 x 180

JOSKIN Ferti-CARGO

A modular version to increase your profitability



The concept of the **JOSKIN** CARGO multi-module carrier can also be fitted with a muck spreading tool: the Ferti-CARGO. This tool is available in two models directly inspired by the Ferti-SPACE. As all other **JOSKIN** spreaders, the Ferti-CARGO is fitted with two vertical beaters with folded spirals, enabling the splitting and spreading at a distance from 8 to 16 m per row according to the product.

Specific equipment Ferti-CARGO

- Body in HLE steel - height of 1.500 mm with rectangular upper band
- Loading capacity from 13 to 21 m³
- Moving floor with 4 shipping chains of Ø 14 mm
- 2 vertical beaters (Ø 1.080 mm) with 4 folded spirals with a height of 1.500 mm
- Removable teeth in HB 400 high tensile steel (type HARDOX) (80 x 12 mm)
- Retractable blades (Ø 1.140 mm)
- 1.000 rpm drive - beater rotation speed: 327 rpm
- HARDOX protection plate for the spreading table
- Transmission protected by double flexible couplings on the bearing boxes and between the boxes and the P.T.O.-shaft with overrun clutch
- Twist-Lock to lock the tools on the CARGO chassis
- 4 storing stands

Range table

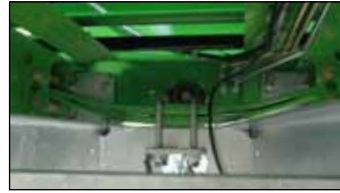
(Ask for our specific documentation about the CARGO tools)

Type	Off-road payload	Body dimensions				Body volume before door	Manure volume before door	Manure volume up to beaters	Mounting possibility on the CARGO chassis			
		Length		Width	Height				TSM 6.6 m	TRM 6.6 m	TRM 7.5 m	CARGO-TRACK
		before door	up to beaters									
FC6011/17U	16 T	6 m	6,55 m	2,05 m	1,05 m	13,41 m ³	16,87 m ³	18,42 m ³	X	X	/	/
FC7011/20U	20 T	7 m	7,55 m	2,05 m	1,05 m	15,60 m ³	19,62 m ³	21,17 m ³	/	/	X	X

The **JOSKIN** muck spreaders, a unique concept



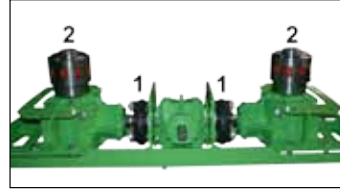
As all **JOSKIN** products, the muck spreaders have an optimal surface treatment. Cleaning by shot-blasting, Ester Epoxy finishing coating and thermal drying.



Hitching cross-suspension with parabolic leaves for an excellent stability on the road and on the field



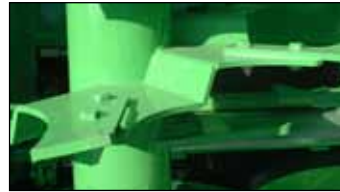
Manual control of moving floor drive by flow regulator with constant pressure



Transmission protected by flexible coupling between the boxes (1) for all **JOSKIN** spreaders and between the boxes and the shredding beaters for Ferti-SPACE and TORNADO3 (2)



- Floor tightener placed outside the body, easy to reach
- Hydraulic floor tightener available in option



The folded spirals of the **JOSKIN** spreaders ensure an intense splitting and a large spreading width



The moving floor of the **JOSKIN** spreaders is made up of shipping chains with grade 80, i.e. the highest grade in traction chains currently existing



The shredding beaters of the **JOSKIN** spreaders have, at their base, a pair of retractable blades, of which the trajectories intersect to avoid the accumulation of material between them

The **JOSKIN** muck spreaders, a few options

Unless otherwise indicated, all options are available for the whole range of **JOSKIN** muck spreaders.

The whole range of **JOSKIN** muck spreaders can be fitted with a tight guillotine door which is adjustable on the full height of the beaters. It avoids charge losses during transport and makes it possible to regulate the flow while spreading.



PVC protection for upper body strip



Aluminium or wooden extension (250 mm)



An independent hydraulic installation is available to drive the moving floor or all hydraulic elements of the machine. This option is interesting for use of the spreader by several owners (avoid oil mixing) or with a tractor with no sufficient hydraulic circuit.



Beater protection boards with two-part opening. These boards can also be used for headland spreading.



Spreading canopy with width limitation board(s). Interesting tools for spreading of lighter products (droppings, etc).



Central separators

Small bolted separator



Large retractable separator

Electric moving floor control.
Electronic door opening indicator.
Electric inverter of the moving floor.



JOSKIN

Complete Range



SIROKO



TORNADO 3



Ferti-CAP



Ferti-SPACE

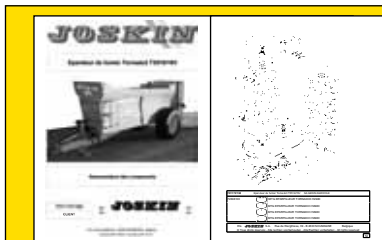


Ferti-CARGO



Cargo-TRACK

Ask for the specific documentation of each of these models.



The individualized parts book of **JOSKIN** is your guarantee of a quick and quality after-sales service even after many years.

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