

TWISTER SHORT DISC HARROW

Einböck



Einböck

SHORT DISC HARROW

TWISTER

STRONG PERFORMANCE

Standard Equipment

Disc diameter 530 mm

Serrated and conic discs
guided in double-row 4-point bearing

Maintenance free bearings, filled with high-performance lubricant which has a high pressure acceptance capacity

2-beam disc arrangement

Disc bearing with hub for quick changing

Adjustment of disc alignment through a bolt, variable adjustment

Outer discs left and right height adjustable (from 3.00 m working width they can be folded)

Trailing appliance parallelogram-guided, with ball-bearings, adjustable via locking mesh

Pass line height 550 mm

1 double acting hydraulic connection necessary (at foldable machines)

Safety block in transport position (at foldable machines)

Levelling tine with baffle plate between second tine row and trailing appliance

Overload protection of the disc suspension with rubber bearings

Parking support (only necessary for hitched machines)

Operating instructions

Optional equipment

Chassis with pneumatic tyres instead of 3-point-linkage mounted, only possible with R5, N, TF and RP

Variable adjustment of disc alignment

Buckling drawbar for drive frame

Height-adjustable side plate

Warning signs and lights

Pneumatic trailer brake for trailed machines



SAVE MONEY ALL YEAR ROUND WITH THE SHORT DISC HARROW



Already after the pre-crop harvests the success of the subsequent tillage is created. The turning of the stubble after the harvest should utilize the left-over humidity of the soil and therefore provide the seed advancement of weed seeds and lost crop - whether conventional soil cultivation is done with a harrow or non-turning operation.

Compact and flexible

The TWISTER is an extremely compact and versatile universal machine, which operates effectively on small and large areas, irrespective of the size structure of the user. With an optimal operation speed of 12 - 15 km/h the best mix and the desired working pattern can be achieved. An impressive daily performance and a reduction of the operation processes will astonish you.

The Einböck TWISTER works most effectively at a working depth of 2 - 12 cm. After operation the soil surface is smooth and reconsolidated, but the right choice of trailing appliance is nevertheless important.

Innovative disc technology

The rubber suspensions of the disc arms absorb shock and protect the discs and frames from damage. The slightly angled, conic and serrated discs with a diameter of 530 mm cut very aggressively into the soil for a proper mixture of straw, soil and residue. The staggered arrangement of the discs with 2 beams in the direction of motion guarantee that the surface is worked through 100 %. The Einböck TWISTER deserves its name as a year-round machine since it offers optimal seed bed preparation, especially for winter-greened areas.

**ALL-PURPOSE
EFFICIENT
FLEXIBLE**

The specially developed levelling tines with a baffle between the disc row and the trailing appliance contribute to this. The working depth is set with the parallelogram-guided trailing roll via locking mesh, to which the levelling tine beam with baffle is coupled. In addition the baffle is also adjustable in height for fine settings.

Einböck



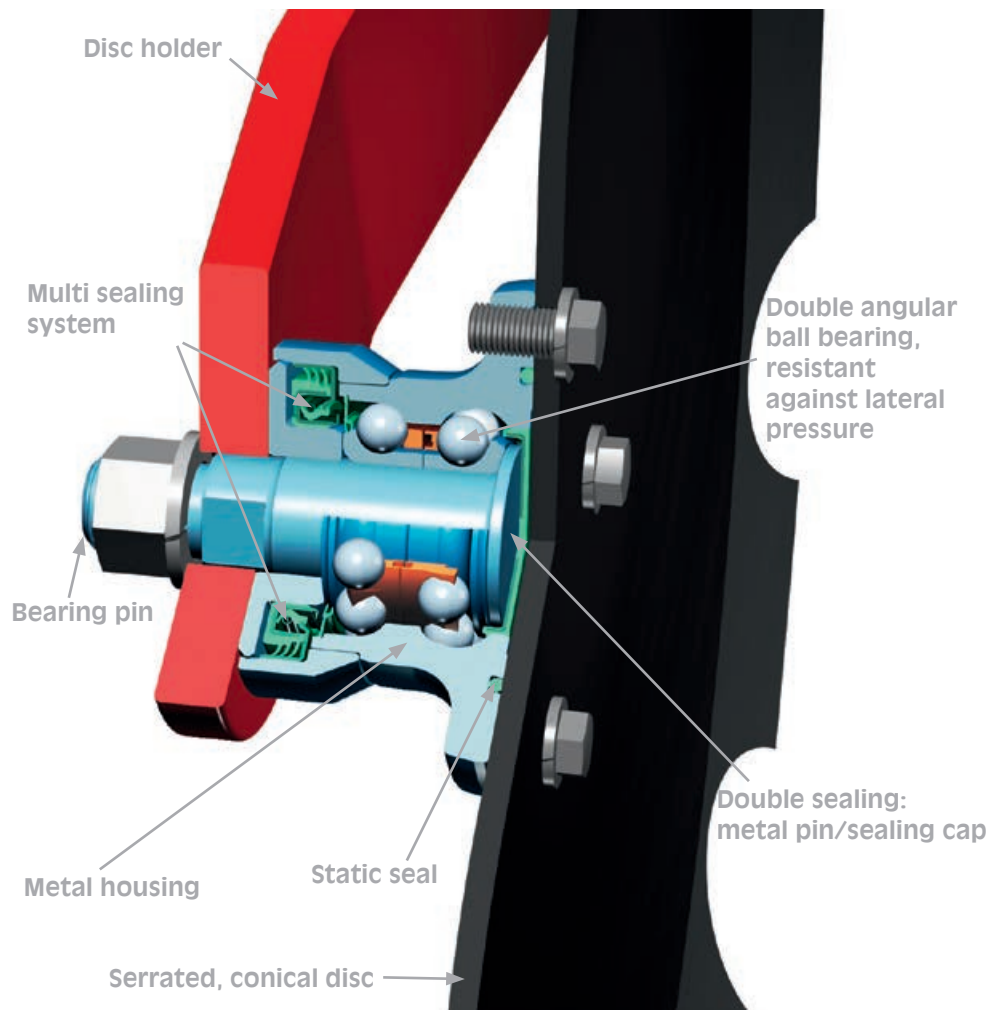
MAINTENANCE-FREE BEARINGS

GUARANTEE LONGEST POSSIBLE SERVICE LIFE

The TWISTER disc mounting consists of closed double angular ball bearings (4-point bearings in an O-arrangement), which are maintenance-free. These bearings are closed with a multi sealing system and surrounded by a metal housing. They have been specially constructed for the axial force that occurs with the TWISTER.

Due to a hermetical seal no dust or dirt particles can enter the bearing. A high performance lubricant with a very high pressure acceptance capability, which guarantees highest life time of the angular ball bearings even with this load, saves you maintenance costs.

Nevertheless, if it comes to a breakage of the bearing it can be changed very quickly because of the srewable hub construction.





CLEVER, STRONG, TOUGH

IT MAKES WORKING THE SOIL FUN!

- ▶ Compact large dimension profile-tube frame for long product life
- ▶ Massive three-point-tower strutted towards the back
- ▶ Large wheels for hitched machines
- ▶ Optimal penetration even for heavy soil conditions
- ▶ Low traction resistance due to special disc position
- ▶ Working of the entire surface, even at a minimum working depth
- ▶ Minimum danger of blocking due to discs with large diameter
- ▶ The right trailing appliance vor every soil type and operation area
- ▶ An exact levelling and depth guidance with the NOVA roller
- ▶ Simple work depth adjustment with parallelogram-guided trailing appliance, which can be set via locking mesh
- ▶ The levelling tines with the baffle plate between rear disc row and trailing appliance guarantee optimal crumbling





Technical data

Type/working width cm	Attachment	hydraulic folding	No. of discs	HP/kW	Weight approx. kg
TWISTER 250 N	D/A		22	90/66	1625
TWISTER 250 R5	D/A		22	90/66	1540
TWISTER 250 RF	D/A		22	90/66	1540
TWISTER 250 TF	D/A		22	90/66	1600
TWISTER 250 RP	D/A		22	90/66	1540
TWISTER 300 N	D/A		24	110/81	1950
TWISTER 300 R5	D/A		24	110/81	1850
TWISTER 300 RF	D/A		24	110/81	1850
TWISTER 300 TF	D/A		24	110/81	1900
TWISTER 300 RP	D/A		24	110/81	1850
TWISTER 400 N	D/A		32	150/110	2880
TWISTER 400 R5	D/A		32	150/110	2730
TWISTER 400 RF	D/A		32	150/110	2730
TWISTER 400 TF	D/A		32	150/110	2800
TWISTER 400 RP	D/A		32	150/110	2730
TWISTER 400 N	D/A	•	34	150/110	3080
TWISTER 400 R5	D/A	•	34	150/110	2930
TWISTER 400 RF	D/A	•	34	150/110	2930
TWISTER 400 TF	D/A	•	34	150/110	3000
TWISTER 400 RP	D/A	•	34	150/110	2930
TWISTER 500 N	D/A	•	42	200/147	3840
TWISTER 500 R5	D/A	•	42	200/147	3650
TWISTER 500 RF	D/A	•	42	200/147	3650
TWISTER 500 TF	D/A	•	42	200/147	3700
TWISTER 500 RP	D/A	•	42	200/147	3650
TWISTER 600 N	A	•	50	240/176	5440
TWISTER 600 R5	A	•	50	240/176	5170
TWISTER 600 TF	A	•	50	240/176	5300
TWISTER 600 RP	A	•	50	240/176	5170
TWISTER 800 N	A	•	66	360/265	8830
TWISTER 800 TF	A	•	66	360/265	8750
TWISTER 800 RP	A	•	66	360/265	8500

N = NOVA-roller ø 575 mm, with stripper and trailing tine
R5 = with cylinder shaped crumbler ø 500 mm
RF = cylinder shaped crumbler ø 400 mm front, plain crumbler ø 400 mm rear
TF = Trapez-Farmflex-crumbler ø 586 mm with stripper and trailing tine
RP = Ring-packer-roller ø 575 mm with spring leveller between the trapeze rings and leveller

D/A = Machine attachment: available with
3-point-linkage or hitched
A = Machine attachment: only available hitched



◀ DRILLBOX ▲ P-BOX

For **intercrop seeding** with the TWSTER we offer the pneumatic seeder **P-BOX** or the the mechanical seeder **DRILLBOX**, which are available with the corresponding assembly sets depending on the working width.

ECONOMICAL & SOIL PROTECTING CULTIVATING AND SOWING IN ONE STEP

Stable three-point-linkage
with wear-resistant bushings

Every **machine with three-point linkage** can also be equipped with a drive frame. The large support wheels 505/50 R17 make sure soil compacting is minimised.

A **transport width** of 3 m makes it safe in road traffic.



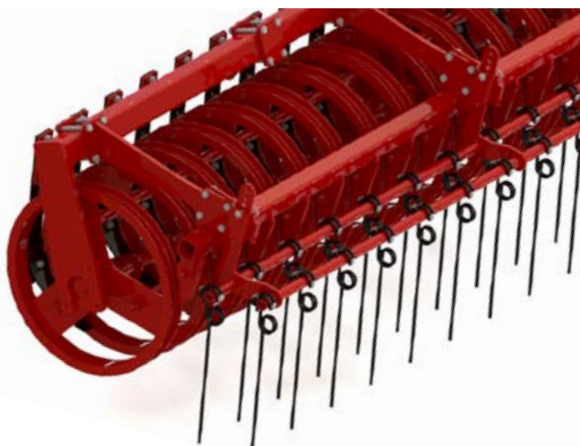


▲ High are performance, large working width, fast working speed
TWISTER 800 with system carrier

N Nova roller with leveller
Ø 575 mm

The Nova roller achieves strips of reconsolidation at a distance of 17 cm. The U-rings, which are supposed to fill with soil, provide soil-to-soil contact. That makes for a gentle way of reconsolidation with a coarse surface structure.

Through its high load capacity it is suitable for all types of soil. Scrapers between the rings level the soil and keep the roller from blocking.



RP Ring packer roller with leveller
Ø 575 mm

The ring packer roller achieves reconsolidation in strips that are 12.5 cm apart. The wedge-shaped reconsolidation compacts the soil at greater depths and closes all hollow spaces while the topsoil stays loose and is finely crumbled.

Its high load capacity makes it suitable for all types of soil.

Spring scrapers between the rings help to avoid blockage.





TWISTER

THE RIGHT ROLLER FOR EVERY SOIL

R5 Cylinder shaped roller Ø 500 mm

High load capacity, good reconsolidation,
best suited for light soil.

Excellent seedbed results on sandy soil.

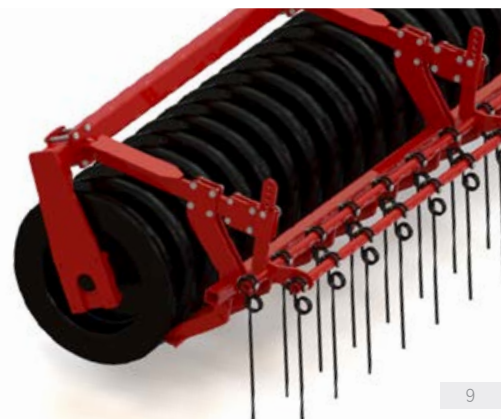
RF Cylinder shaped-/Plain roller Ø 400 mm

Good crumbling, good levelling and
reconsolidation as well as exact depth
guidance.

For medium soil - for universal use.

TF Trapeze-Farmflex roller Ø 586 mm

Highest bearing capacity, best
reconsolidation, best suited for all kinds
of soil. The roller is unsusceptible to
clogging because of adjustable strippers
between the trapeze-sections.
For universal use!





Because of the line spacing of 12.5 cm a **working of the entire surface** is possible even at a shallow working depth.



Overload protection of the discs through rubber bearings and discs which are adjustable in height for prevention of the formation of ridges.

The special Einböck rubber-mixture of the rubber bearings makes operating in the most difficult conditions possible, without the machine swaying.



The slightly **angular, serrated and conic discs** with a diameter of 530 mm cut aggressively into the soil and make a good mix of straw, soil and residues.

Due to the special pressure angle and the sharpened spikes in the discs they cut optimally, also with harder soils. Due to the small spikes the operation is very exact, even at a minimum working depth.



With the srewable **disc alignment setting** the machine can be adjusted optimally without any compromise.



The trailing rollers and the levelling beam with baffle plate are guided through a **parallelogram (height adjustable via locking mesh)**.

Lubrication points guarantee a long lifetime.



STURDY
PRECISE
RELIABLE

**A TECHNICAL
MASTERPIECE**

TWISTER



Warning signs and lights are available at an extra charge.



Levelling beam with height-adjustable **baffle plate** between second disc row and crumbler. The plate should be removed after seedbed preparation.



The parallelogram-guided **side plate** can be folded away and prevents a formation of ridges during seedbed preparation.

Related brochures

- HURRICANE - Universal cultivator
- MULTISOILER - Heavy spring tine cultivator
- TAIFUN - Universal fine cultivator
- SEEDING MACHINES



Einböck GmbH & CoKG
Schatzdorf 7
A-4751 Dorf / Pram
AUSTRIA

Tel: (+43) 7764 64660
Fax: (+43) 7764 6466-385

www.einboeck.at
info@einboeck.at

Einböck