

**TAIFUN**

UNIVERSAL CULTIVATOR

**Einböck**



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The various different rear rollers are parallel height adjustable in a half-breadboard. To ensure perfect tillage, spring-mounted double drag tines, which guarantee an exact levelling, are mounted between the last tine row and the rear roller. but they can be demounted for stubble working.



# **POWER PACK**

## UNIVERSAL APPLICATION

### FLEXIBLE, ECONOMIC

For effective operation on small or large areas, the Einböck universal cultivator TAIFUN is a multi-purpose, highly efficient machine. The TAIFUN is a classic machine for seedbed preparation due to its high and spacious frame construction – especially for areas with winter greening. The incorporation of liquid manure and organic fertilizer, as well as light stubble turning or second stubble cultivation and the combat of couch grass are ideal jobs for the TAIFUN.



# TAIFUN

Equipment characteristics such as a large frame clearance with perfectly tuned line spacing, as well as dragtines between the rear roller and the last tine row, make the above mentioned operations possible. The strong spring tines Vulcanus, made from high-quality spring steel and distributed on fourbeams, are designed for long service life.

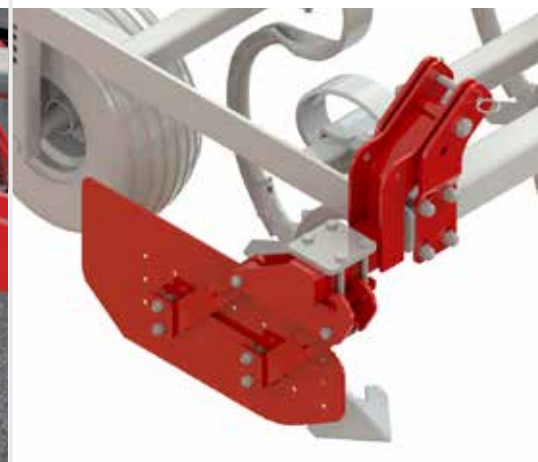


On the TAIFUN the **working depth** is adjusted via the top link and the rear roller. The full pressure is transferred to the rear roller, what ensures a very smooth operation of the machine.

**Three-point mounting**  
(Cat II and III), fitted with hardened bushings.

**Adjustment of working depth** via bolts in a breadboard. With the spindle either the pressure on a 2nd roller or the angle of following weeder tines to the soil can be adjusted.

The parallelogram-guided **sideplate** prevents ridging during seedbed preparation.





## TINES, SHARES, FRAME

## REALLY STRONG

The **spring tine Vulcanus** (standard) is made from 50x13 mm spring steel (clearance 525 mm). The Vulcanus tine is recommended for light and medium soil for seedbed preparation after ploughing up to a working depth of 15 cm. For this operation a use of duckfoot shares up to a working depth of 10 cm is also possible.

The **Herkules tine** (option) is made of 70x12 mm spring tine steel (clearance 580 mm). The tine is recommended for seedbed preparation after ploughing up to a working depth of 15 cm in heavy soil (also stones). For this operation a use of duckfoot shares is also possible. This tine is also recommended for the first stubble operation in light and medium soil up to a working depth of 6 cm.

The **narrow share** (standard equipment) is 53 mm wide and is recommended for operations deeper than 10 cm.

The **duckfoot share** with a width of 200 mm is suitable for complete tilling of the full surface in low depth. Both shares are 6 mm thick.

A **transport width** of 2.6 m provides better security during road transport.

For the TAIFUN with heavy rollers we recommend a **chassis** instead of the mounted version, since the heavy weight of the machine might harm the 3-point linkage of the tractor and increase soil compaction on the headland.



Because of the **hydraulic locking cylinder** inconvenient mechanical locking systems are not necessary.

**Warning signs and lights** are available as options. During operation they can be pivoted to the front in order to protect them against swirling stones.

To ensure an equal working depth over the entire working width during stubble operation on uneven ground, **support wheels** (optional equipment) are available. They ensure smooth operation in hilly terrain or very shallow working depth.

# **SPECIFICALLY IMPROVE** SOIL QUALITY



When the TAIFUN is used for seedbed preparation the spring loaded double drag tines shall be used. Bumps which are caused by the last tine row are levelled in front of the rear roller. This is very important because the rear roller reconsolidates the soil evenly over the total width. The double drag tines can be removed very easily without any tool what might be necessary when there is a lot of residue in the field, for example straw. There is a parking position for these tines at the frame.

## Technical data TAIFUN

Type/ Working width cm	Double drag tines	No. of beams/ tines	Mounting category	HP/kw	Weight approx. kg
TAIFUN 250 F <sup>1</sup>	4	4/17	II	70/52	915
TAIFUN 250 R <sup>1</sup>	4	4/17	II	70/52	930
TAIFUN 250 ST <sup>1</sup>	4	4/17	II	70/52	855
TAIFUN 250 FZ <sup>1</sup>	4	4/17	II	70/52	1.040
TAIFUN 250 RZ <sup>1</sup>	4	4/17	II	70/52	1.055
TAIFUN 250 RP 47 <sup>1,4</sup>	4	4/17	II	70/52	1.080
TAIFUN 300 F <sup>1</sup>	5	4/20	II	90/66	1.050
TAIFUN 300 R <sup>1</sup>	5	4/20	II	90/66	1.070
TAIFUN 300 ST <sup>1</sup>	5	4/20	II	90/66	965
TAIFUN 300 FZ <sup>1</sup>	5	4/20	II	90/66	1.200
TAIFUN 300 RZ <sup>1</sup>	5	4/20	II	90/66	1.225
TAIFUN 300 RP 47 <sup>1,4</sup>	5	4/20	II	90/66	1.235
TAIFUN 400 F	6	4/26	II+III	110/81	1.630
TAIFUN 400 R	6	4/26	II+III	110/81	1.660
TAIFUN 400 ST	6	4/26	II+III	110/81	1.500
TAIFUN 400 FZ	6	4/26	II+III	110/81	1.845
TAIFUN 400 RZ	6	4/26	II+III	110/81	1.875
TAIFUN 400 RP 47 <sup>4</sup>	6	4/26	II+III	110/81	1.905
TAIFUN 500 F	8	4/34	II+III	130/95	1.850
TAIFUN 500 R	8	4/34	II+III	130/95	1.885
TAIFUN 500 ST	8	4/34	II+III	130/95	1.720
TAIFUN 500 FZ	8	4/34	II+III	130/95	2.105
TAIFUN 500 RZ	8	4/34	II+III	130/95	2.140
TAIFUN 500 RP 47 <sup>4</sup>	8	4/34	II+III	130/95	2.180
TAIFUN 600 F	10	4/40	II+III	150/110	2.015
TAIFUN 600 R	10	4/40	II+III	150/110	2.055
TAIFUN 600 ST	10	4/40	II+III	150/110	1.845
TAIFUN 600 FZ	10	4/40	II+III	150/110	2.320
TAIFUN 600 RZ	10	4/40	II+III	150/110	2.365
TAIFUN 600 RP 47 <sup>4</sup>	10	4/40	II+III	150/110	2.390
TAIFUN 700 F	12	4/47	II+III	170/125	2.460
TAIFUN 700 R	12	4/47	II+III	170/125	2.510
TAIFUN 700 ST	12	4/47	II+III	170/125	2.320
TAIFUN 700 FZ	12	4/47	II+III	170/125	2.810
TAIFUN 700 RZ	12	4/47	II+III	170/125	2.860
TAIFUN 700 RP 47 <sup>4</sup>	12	4/47	II+III	170/125	2.900
TAIFUN 800 RP 58 <sup>2</sup>	13	4/54	III	200/147	7.500
TAIFUN 800 DN <sup>2</sup>	13	4/54	III	200/147	7.750
TAIFUN 900 RP 58 <sup>2,3</sup>	15	4/60	III	240/176	7.900
TAIFUN 900 DN <sup>2,3</sup>	15	4/60	III	240/176	8.180
TAIFUN 1200 RP 58 <sup>2</sup>	20	4/80	III	340/250	9.200
TAIFUN 1200 DN <sup>2</sup>	20	4/80	III	340/250	9.550

<sup>1</sup> rigid, not foldable

<sup>2</sup> semi-trailed

<sup>3</sup> Attention: Transport height approx. 4,30 m

<sup>4</sup> if semi-trailed, RP 58 available as option (instead of RP 47)

### Rear roller:

**F** Flat rod roller ø 400 mm and trailed weeder tines, 2-rows, ø 10 mm

**R** Round rod roller ø 400 mm and trailed weeder tines, 2-rows, ø 10 mm

**ST** 1-row weeder tines, ø 12 mm incl. 4 support wheels (18x8.5-8) (if rigid only 2 support wheels)

**FZ** Front flat rod roller ø 400 mm, rear serrated roller ø 320 mm and trailed weeder tines, 2-rows, ø 10 mm

**RZ** Front round rod ø 400 mm, rear serrated roller ø 320 mm and trailed weeder tines, 2-rows, ø 10 mm

**RP 47** Ring packer roller ø 470 mm with leveller and trailed weeder tines, 2-rows, ø 10 mm

**RP 58** Ring packer roller ø 575 mm with leveller and trailed weeder tines, 1-row, ø 12 mm

**DN** Double nova roller ø 575 mm





The **levelling plate** is clamped on the front of the frame and can be adjusted in height through bolts. The levelling plate crushes clods and can be adjusted **“dragging” or “on hold”**, it levels the soil and covers the tractor-track. The operation of the working tools is extremely smooth and the working depth is maintained exactly. In spring the levelling plate is especially recommended for seedbed preparation.

### **Standard equipment TAIFUN 250-700**

Large spring tine Vulcanus 50x13, 525 mm clearance
Tine arrangement on 4-beams
Line spacing 15 cm
Spring double drag tines between the last tine row and the rear roller – demountable without tools
Parking position for double drag tine on the frame, when they are not in use
Rear rollers parallelogram-guided and height adjustable in the half breadboard
All rollers with ball-bearing
Transport width 2.60 m
One double-acting hydraulic connection is required
Operation instructions
Coupling II+III

### **Optional equipment TAIFUN 250-700**

Levelling plate “dragging” or “on hold”
Side plate height-adjustable
Semi-trailed version with chassis instead of mounted version (standard weight + 1 150 kg)
Brake axle for mounting of air brake
Air compressor
Warning signs and lights
Herkules tine 70x12, 580 mm clearance instead of Vulcanus tine 50x13, 525 mm clearance
Duckfoot share 200 mm - for slicing of the full surface, also in shallow working depth
Support wheels 18x8.5-8
Steerable support wheels running in front of the wing (only for TAIFUN 600 and 700)
Protection cover for tines for street transportation on both sides
Pneumatic aireseeder / Fertilizer distributor

**F****FLAT ROD ROLLER**

Good crumbling on medium soil

**R****ROUND ROD ROLLER**

Good crumbling on medium soil and good load capacity on light soil

**FZ****FRONT FLAT ROD - / REAR SERRATED ROLLER**

Good crumbling on heavy soil

**RZ****FRONT ROUND ROD - / REAR SERRATED ROLLER**

Good crumbling on medium to heavy soil, good load capacity on sandy soil

**ST**

**1-ROW WEEDER TINES, Ø 12 mm  
INCL. 4 SUPPORT WHEELS (18x8.5-8)  
at rigid version only 2 support wheels**

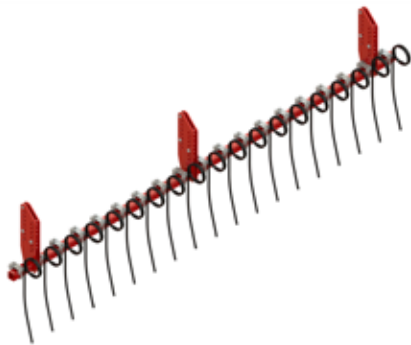
Instead of rollers it is possible to work with a single-row weeder in combination with support wheels

**RP 47**

**RING PACKER ROLLER Ø 470 mm WITH  
SPRING STRIPPER BETWEEN THE RINGS**

The wedge-shaped reconsolidation roller compacts the soil in deeper areas and closes all cavities while the topsoil stays loose and is finely crumbled. Its high load capacity makes it suitable for all different types of soil. Spring scrapers between the rings help to avoid blockage.

# ROLLER VARIATIONS FOR OPTIMAL CRUMBLING AND RECONSOLIDATION



The standard two-row trailed weeder on the F, R, FZ, RZ or RP 47 roller can be replaced on request by a single-row weeder.

## for the semi-trailed TAIFUN:

### RP 58



#### **RING PACKER ROLLER Ø 575 mm WITH SPRING STRIPPER BETWEEN THE RINGS**

Similar to RP 47, but with a diameter of 575 mm for high load capacity with heavy machines, the single-row weeder is standard at 8, 9 und 12 m working width

### DN



#### **DOUBLE-NOVA-ROLLER Ø 575 mm**

Through the U-steel rings, which are getting filled with soil on purpose, soil rolls on soil. This soil-conserving reconsolidation ensures a rough surface structure. Because of its high load capacity it is suited perfectly for all soil conditions.

The single-row weeder is standard at 8, 9 und 12 m working width.

**Further rollers on request**



Especially for seeding of cover crops we offer pneumatic seeders with complete assembly sets, which can be retrofitted easily to any machine.

# SIMPLE AND EASY **SEEDING OF COVER CROPS**



With the **P-BOX-MD**, **P-BOX-ED** and the **P-BOX-STI** it is possible to seed all standard seeds and their mixtures up to a size of 5 mm. Depending on the seeding rate and - speed it can be set to anywhere from 1 kg to 300 kg per hectare by a simple adjustment.

On request there are **steps for filling** of the seed box available.



# TAIFUN

## Standard equipment TAIFUN 800,900,1200

- Hercules tine 70x12, 580 mm clearance
- Heavy frame, semi-trailed
- Drawbar adjustable in length and holder for hydr. hoses
- Tine arrangement on 4-beams
- Line spacing 15 cm
- Spring double drag tines between the last tine row and the rear roller – demountable without tools
- Parking position for double drag tines
- Parking support with choks
- 3 double-acting hydraulic remotes necessary
- Front support wheel - height adjustable
- Brake axle for mounting of air brake

## Optional equipment TAIFUN 800,900,1200

- VIBRO-BOARD, hydraulically adjustable
- Air brake system
- Levelling plate „dragging“ or „on hold“
- Duckfoot share 200 mm instead of or additionally to the standard share with the Hercules tines
- Warning signs and lights
- Protection cover for tines for street transportation on both sides





8m - 9m - 12m

## GIANTS ON THE FIELD

TAIFUN 800, 900 AND 1200

For large-scale farms the TAIFUN is available with 8 m, 9 m and 12 m working width. With an according power of the tractor enormous area efficiency is possible.

In spite of its size, the TAIFUN 1200 can be folded to a transport width of only 3 m with a **sophisticated folding mechanism**. The center of the weight is in front of the chassis axle, so there is more pressure on the rear axle of the towing vehicle.

**VIBRO-BOARDS** are available as option for the TAIFUN 800, 900 and 1200.



## Related brochures

- HURRICANE - Mulch universal cultivator
- MULTISOILER - Heavy spring tine cultivator
- TWISTER - Short disc harrow
- SEEDING MACHINES



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