

 **HORSCH**

# Tiger AS

THE CLEVER ALTERNATIVE TO THE PLOUGH





# Tiger AS

A HEAVY CULTIVATOR FOR DEEP CULTIVATION UP TO  
MAX. 35 CM WITH A SOLID DESIGN

- 4-bar design with a tine spacing of 23 cm for intensive mixing
- Robust design for the hardest operating conditions and durability
- Wide selection of packer options for intensive consolidation
- Maintenance-free TerraGrip tine system with a release force of 500 kg and a very long service life



Intensively mixing tillage and a deep loosening of up to 35 cm – this is what the HORSCH Tiger AS stands for. The even mixing of harvest or catch crop residues over the whole cultivation horizon provides optimum conditions for the following crop. Due to the well-known TerraGrip tine with a release force of up to 550 kg and a maximum trip height of 30 cm, the Tiger can be used in almost all conditions. In combination with the well-known HORSCH point and wing options, you can realize working depths from 3 to 35 cm. In combination with the TerraCut point, the Tiger AS can even be used for all-over, shallow cutting at a working depth of 3 - 5 cm. Due to the enormous frame height of 85 cm and the large tine spacing of 92 cm, high amounts of harvest residues are no problem at all. Due to the excellent mixing, rotting is accelerated and interference layers for the following crops are avoided. Behind the tine zone, the 1-row disc system ensures an optimum levelling in front of the packer. Depending on the soil conditions, you can choose from a wide range of packers. Both tyre packer and standard packer can be selected. For all models with tyre packer, road transport is carried out directly on the tyre packer. With a standard packer, the Tiger is equipped with a so-called swivel chassis. In this case, the packer is pivoted with the chassis for road transport. Thus, a comfortable transport is guaranteed. Depending on the customer requirement, the Tiger AS can additionally be combined with different additional equipment. Among others with the well-known MiniDrill for seeding catch crops or with a fertiliser distributor tower for applying fertilisers or other material. The Tiger AS thus is the ideal machine for all farms that work very shallow as well as very deep up to 35 cm depth and, in addition, can also carry out the most different tasks.



Can be used in different situations and in all organic residues



High fine soil production due to SteelFlex packer

# CONDITIONS OF USE



## THE CLEVER ALTERNATIVE TO THE PLOUGH

- Shallow tillage to primary soil cultivation up to a depth of 35 cm
- Even mixing in of harvest residues, catch crops and organic fertilisers across the whole cultivation horizon
- 4-bar design and a tine spacing of 23 cm for intensive mixing and high clearance even with a lot of organic matter
- Wide selection of various packer options for optimal consolidation
- Additional equipment such as fertiliser spreader, MiniDrill, and much more



## MAXIMILIAN PLAPPERT

*The HORSCH Tiger AS is ideal for farms that are looking for a real alternative to the plough. Deep loosening, perfect mixing in combination with a robust design – this is the Tiger AS.*

# TerraGrip II

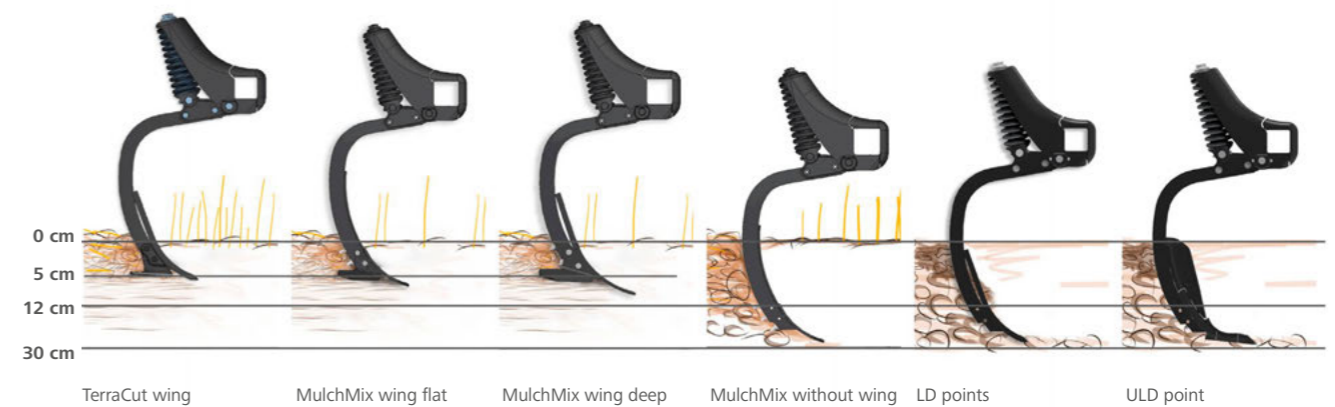


TerraGrip II – release effect

The TerraGrip tine system impresses due to its flexibility with regard to the various point and wing options. The low horsepower requirement and the excellent mixing characteristics are due to the curved shape and the low angle of the point.

- Release force from 500 to 570 kg (model-dependent)
- Flexible mounting of point and wing options
- Low horsepower requirement due to curved tine design
- Optimum residue mixing even at shallow working depths

# Points and wings



Due to the wide range of point and wing options, the cultivator can be used for almost all cultivation depths from shallow cutting at 3 to 4 cm to primary soil cultivation. This increases the application range enormously.



TerraGrip overload element

## TerraCut wing

- Wings on the left and right side for all TerraGrip tines
- Cutting width: 40 cm
- Low setting angle
- Excellent penetration behaviour due to angle of the point

## MulchMix point wing shallow/deep

- Wings on the left and right side for all TerraGrip tines
- 34.5 cm wide wings
- Two setting angles depending on the working depth
- Available as standard and carbide version

## MulchMix without wing

- Deep loosening and intensive mixing of the soil
- Working depths: 15 to 30 cm
- Various carbide versions

## LD points

- LD = Low Disturbance point
- 40 mm point width for deep loosening without moving much soil
- Working depth 20 to 30 cm

## ULD points

- ULD = Ultra Low Disturbance point
- Point width: 25 mm, very little soil movement
- Leading point to get below compaction zones

# Packer systems

VERSATILE FOR OPTIMUM RESULTS

The depth effects and the main applications of the different HORSCH packer versions.



SteelDisc packer

SteelFlex packer

Tyre packer 7.50-16 AS  
Tyre packer 210/95-24 AS

Double RollPack packer Ø 62 cm

## SteelDisc packer Ø 58 cm

- High machine weight for intensive consolidation
- Breaks clods
- Encourages capillarity action
- Weight per m working width: 175 kg

## SteelFlex packer

- SteelDisc packer 58 cm Ø for deep consolidation
- RingFlex packer 60 cm Ø for fine soil production on the surface
- Weight per m working width: 442 kg

## Tyre packer 7.50-16 AS Tyre packer 210/95-24 AS

- Excellent load-carrying capacity on light soils due to large tyre diameter
- Low horsepower requirement due to large contact area and wide spacings
- Strip consolidation
- Packer swivels out of work to lower transport wheels

## Double RollPack packer Ø 62 cm

- Steel ring roller with a diameter of 62 cm
- Deep strip consolidation
- Can be used in all situations
- Also available as a carbide version

# Swivel chassis

SWIVEL CHASSIS FOR ROAD TRANSPORT

The swivel chassis guarantees a safe road transport and can be folded upwards in the field. In the field, the Tiger turns on the packer. The swivel chassis can be combined with all double RollPack and SteelFlex packers.

- Transport chassis for road transport
- Standard for double packer



Swivel chassis



Double RollPack packer with swivel transport wheels



Tiger rigid with swivel transport wheels

## Fertiliser distributor

The fertiliser distributor is ideal to apply fertiliser direct to where the plant needs it. The user can decide where he wants to apply the fertiliser – on the surface, at depth or both.

- Ideal for local fertilisation via the cultivator points
- The user can decide how to apply the fertiliser
- 100 % on the surface, 50 % at depth, 50 % on the surface or 100 % at depth
- Can be combined with the front tank Partner FT



Fertiliser distribution tower combined for example with a Partner FT

## TopRing packer with tyre packer

The TopRing packer guarantees an even consolidation over the whole working width of the Tiger. If desired, it can be moved in or out hydraulically. On the headlands, the TopRing packer automatically moves upwards for more clearance.

Only in combination with tyre packers.

- Additional packer behind the tyre packer
- Can be swivelled in hydraulically
- Cast iron packer elements guarantee a consolidation between the tyres
- All-over consolidation



TopRing packer for an efficient consolidation between the tyres



Pronto TD to combine primary soil cultivation and sowing

## Pronto TD as an additional equipment for the Tiger

With the Pronto TD, HORSCH offers a seed drill that can be fitted on the Tiger models – ideal for sowing the following crop directly after tillage. Thus, water can be saved efficiently, and ideal emergence is guaranteed.

- Seed drill that can be fitted on the Tiger
- Well-proven TurboDisc seed coulters
- Saves additional passes
- Optimal for sowing directly after tillage

# TECHNICAL DATA

Tiger AS	3 AS	4 AS	5 AS	6 AS	8 AS
Working width (m)	3,00	4,00	4,80	6,00	7,50
Transport width (m)	3,00	3,00	3,00	3,00	3,00
Transport height (m)	1,90	2,90	3,30	3,80	4,00 / 4,15
Length with tyre packer 7.50-16 (m)	7,95	7,95	7,95	7,95	7,95
Length with tyre packer 210 / 95 - 24 (m)	8,30	8,30	8,30	8,30	8,30
Length with double RollPack packer (m)	8,65	8,65	8,65	8,65	8,65
Weight (kg)	3540	5380	6120	7210	8770
Axle load tyre packer	2400 - 3500	4250 - 7000	4500 - 7600	5250 - 9200	6800 - 10000
Vertical load tyre packer	1100 - 1600	1500 - 2300	1700 - 2500	1900 - 2800	2300 - 3700
Axle load swivel transport wheels	3000 - 3500	5150 - 6600	5800 - 7200	6500 - 7900	7600 - 9400
Vertical load swivel transport wheels	1100 - 1600	1400 - 1800	1900 - 2600	2000 - 2700	2600 - 3000
Number of tines (PCE)	13	17	21	25	33
Tine spacing in one row (cm)	92	94	91	96	91
Tine spacing (cm)	23	23,5	23	24	23
Frame height (mm)	850	850	850	850	850
DA control devices lower link	1 (+ 1 per option)	2 (+ 1 per option)	2 (+ 1 per option)	2 (+ 1 per option)	2
DA control devices adjustable drawbar	2 (+ 1 per option)	3 (+ 1 per option)	3 (+ 1 per option)	3 (+ 1 per option)	3
Horsepower requirement (kW/hp)	110 - 220 / 150 - 300	145 - 270 / 200 - 370	185 - 330 / 250 - 450	220 - 400 / 300 - 550	275 - 440 / 375 - 600
Tyre packer size Ø (cm)	7.50 - 16 AS / 78 or 210/95 - 24 AS / 100	7.50 - 16 AS / 78 or 210/95 - 24 AS / 100	7.50 - 16 AS / 78 or 210/95 - 24 AS / 100	7.50-16 AS / 78 or 210/95-24 AS / 100	7.50-16 AS / 78 cm or 210/95-24 AS / 100 cm
Tyre size swivel transport wheels Ø (cm)	400/60 - 15.5 / 89	465/65 R22.5 / 115cm	465/65 R22.5 / 115cm	465/65 R22.5 / 115cm	465/65 R22.5 / 115cm
Double RollPack packer Ø (cm)	62	62	62	62	62
SteelFlex packer Ø	58 / 60	58 / 60	58 / 60	58 / 60	---
Lower link linkage	Cat. III - III / IV - IV	Cat. III - III / IV - IV	Cat. III - III / IV - IV	Cat. III - III / IV - IV	Cat. III - III / IV - IV
Adjustable drawbar coupling hitch (mm)	Pin Ø 50	Pin Ø 50	Pin Ø 50   70	Pin Ø 50   70	Pin Ø 70
Adjustable drawbar linkage hitch ball joint (mm)	Towing eye Ø 51	Towing eye Ø 51	Towing eye Ø 51   71	Towing eye Ø 51   71	Towing eye Ø 71
Adjustable drawbar linkage ball head	K 80	K 80	K 80	K 80	K 80





Your distributor



**HORSCH Maschinen SE & Co. KG**

Sitzenhof 1 · 92421 Schwandorf

Phone: +49 9431 7143-0

Fax: +49 9431 7143-9200

E-Mail: [info@horsch.com](mailto:info@horsch.com)

**[horsch.com](http://horsch.com)**

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All specifications and diagrams are approximate and not binding. Technical features and design are subject to change.

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