

# Tiger

# HORSCH

*Farming with passion*

Tiger AS

Tiger LT

Tiger MT

## ROBUST CULTIVATOR TECHNOLOGY FOR INTENSIVE SOIL PREPARATION







**Tiger AS –**  
The smart alternative to ploughing



**Tiger LT –**  
Compact, with low draft requirement



**Tiger MT –**  
Best performance in corn stubble

# Tiger

## A CLASS OF ITS OWN!

### Performance strengths of various models:

#### Tiger AS – The smart alternative to ploughing

Intensive loosening of soil and incorporation of large quantities of straw up to 35 cm working depth.

#### Tiger LT – Compact, with low draft requirement

Three-bar compact version for stubble cultivation and deep tillage.

#### Tiger MT – Best performance in corn stubble

Cuts its way through difficult conditions.

### Which features are unique to the Tiger?

#### — TerraGrip tine

Tiger AS/LT: 500 kg release force, Tiger MT: 770 kg release force, 28 cm lifting height

#### — MulchMix point sytem

Up to 20 % less draft requirement at equal working depth

#### — Maximum flexibility in terms of working depth (5–35 cm)

#### — Optional combination with Pronto seeding technology

— Heavy tyre packing system for effective consolidation and safe road transport  
(2 different sizes: 7.50–16 AS, 210/95–24 AS)

— Large frame dimensions of 120x120 mm

### Innovation for the Tiger – swivel chassis

The Tiger now can be equipped with a fully-fledged double packer. It is ideal for heavy soils that require a special crushing of the clods. The machine turns on the packer, thus conserving the soil. The chassis is used for in and out of transport position and, for this purpose, is swivelled in.

**1** Swivel chassis transport position

**2** Swivel chassis in working position



**TerraGrip**  
Intensive mixing and loosening with four rows of tines



**Two-row DiscSystem**  
Cuts through all kinds of residues



**Levelling discs**  
Even levelling in front of tyre packing system





# Tiger AS – THE SMART ALTERNATIVE TO PLOUGHING

## Technical design

- Four-bar frame design with 85 cm frame height and 92 cm tine spacing for maximum clearance
- Robust **TerraGrip tines** with **MulchMix points** and 23 cm tine spacing for best mixing results and deep loosening of soil
- Single-row levelling disc in front of packing system
- Large packing system with **tyre packer** and **TopRing packer** (optional) for effective seed-bed preparation
- **Double RollPack packer** with **swivel chassis** for heavy and medium-heavy soils

## Operating range

- Light to medium soils
- Gentle loosening up to a 35 cm working depth (below plough pan)
- Intensive incorporation of large quantities of straw and residues
- Tillage and seed-bed preparation, all in one pass



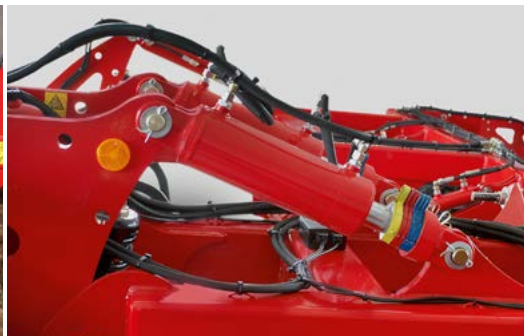
Tiger 6 AS with double RollPack packer



**TerraGrip tine**  
28 cm trip height, 500 kg trip force,  
maintenance-free



Hydraulic cylinder of the **TerraGrip tine**  
for release forces of up 770 kg  
(optional for first and second tine row for Tiger 5, 6, 8 AS)



**Variable depth setting**  
With AluClip spacers easy  
working depth setting possible





# Tiger LT – COMPACT, WITH LOW DRAFT REQUIREMENT

## Technical design

- Three-bar frame design with 85 cm frame height and 90 cm tine spacing for maximum clearance
- Robust **TerraGrip tines** with **MulchMix points** and 30 cm tine spacing for best mixing results and intensive loosening of the soil
- Single-row levelling disc in front of packing system
- Large packing system with **tyre packer** and **TopRing packer** (optional) for effective seed-bed preparation

## Operating range

- Light and medium soils
- Gentle loosening of soil up to 35 cm working depth (below plough pan)
- Intensive incorporation of large quantities of straw and residues
- Reduces draft requirements
- Heavy cultivator for average amounts of straw

**Tiger LT**  
Three-bar frame design, 30 cm tine spacing, 85 cm frame height, single row of levelling discs, tyre and TopRing packing system (optional)



**Effective levelling discs**  
Maintenance-free, adjustable discs. Side discs individually adjustable.



**Rubber suspension**  
Each pair of discs has a rubber suspension. Effective and maintenance-free trip release system.



**Robust tyre packing system**  
Tyre packing system with optimised tyre thread. Suspended middle packer section serves as transport wheels for road transport.





# Tiger MT – BEST PERFORMANCE IN CORN STUBBLE

## Technical design

- Combination of heavy disc system with cultivator
- Four-bar frame design, 85 cm frame height for maximum clearance
- Heavy, two-row **DiscSystem** with a disc diameter of 68 cm ensures reliable cutting and incorporation of residues
- Two-rows of **TerraGrip tines** with **MulchMix points** and 45 cm tine spacing for deep loosening of soil and additional mixing action
- Single-row levelling disc in front of packing system
- Large packing system with **tyre packer** and **TopRing packer** (optional) for effective seed-bed preparation

## Operating range

- All soil types
- Cultivation of corn stubble, cover crops and long straw
- Cultivation of pastures and set aside land
- Reliable cutting of long residues
- Deep loosening of soil up to 35 cm working depth
- Intensive crumbling of heavy soils
- Working depth of disc harrow and tines can be adjusted independently



Tyre packer with optional SteelDisc packer



Double RollPack  
at Tiger 4 MT rigid



**Heavy DiscSystem**  
Arranged in two rows, disc diameter 68 cm,  
disc distance 40 cm, serrated discs with individual suspension



**TerraGrip**  
Release force 770 kg



**TopRing packing system**  
Cast iron packer rings, mounted between tyres of packing  
system, effective seed-bed preparation and good consolidation



## Tiger 4 MT rigid with optional fertiliser attachment

Only the **Tiger 4 MT** rigid is equipped with a middle chassis and a double RollPack packer. In addition, a fertiliser attachment with a hopper capacity of 2 500 l is available for this machine.

It is a simple entry into the technology of targeted fertilisation which increases efficiency and compared to conventional fertilisation reduces costs.





# Pronto TD

## INTENSIVE TILLAGE AND PRECISE SEEDING IN ONE PASS

### Pronto TD

- The **Pronto TD** uses a set of TurboDisc coulters which places the seeds after the tyre packing system into the soil.

### Technical design

- Complete pneumatic seed drill with **HORSCH Terminal**
- Seed tank (2 000 l) with fan, **HORSCH metering unit** and distributor
- **TurboDisc** coulters with 15 cm row spacing positioned after the tyre packing system (two coulters per tyre)

### Universal operation range

- Seeding of all known seeds
- Light and medium soils
- Intensive tillage and seeding in one pass



### Your advantages include:

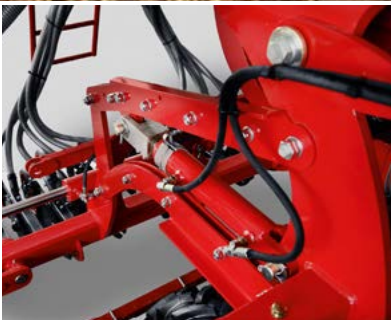
- High performance
- Ideal conditions for germination with the use of soil moisture
- Best performance in tillage and seeding



**Pronto TD**  
Seed drill with TurboDisc coulters



**TurboDisc coulters**  
15 cm coulters spacing, integrated coulters suspension, variable coulters pressure of up to 120 kg/coulters



**Pronto TD**  
Variable setting of seeding depth with AluClip spacers



**HORSCH Terminal**  
Electronic seed control with radar sensor



**Marker**



# Optipack SD

## Universal operation range

- Good consolidation behind cultivation equipment
- Crumbling of soil clods
- Deep consolidation of soil

## Transport

- Simple folding into transport position
- Safe road transport
- Low drawbar weigh

## High performance

- Maximum packer weight of 600 kg/m working width
- Packer elements prepare a good soil structure
- High operation speed of up to 15 km/h
- Low maintenance
- Simple operation and handling

## Robust design

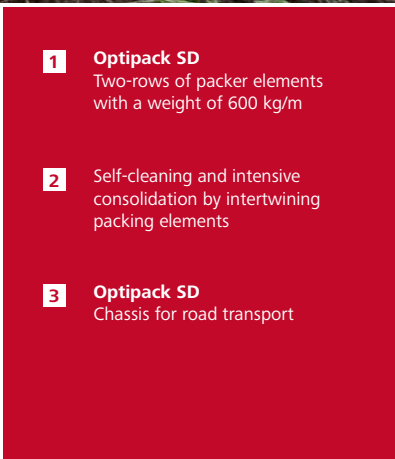
- Packing rings made of steel, good performance in stony conditions
- Patented SD rings remain closed at any time

# FERTILISING WITHOUT LOSS

## Save time and increase efficiency

It becomes more and more attractive to place fertiliser during the tillage pass in a targeted way to prepare a so-called bait for the roots. In times when prices for fertiliser are rising, efficient fertilising is extremely important.

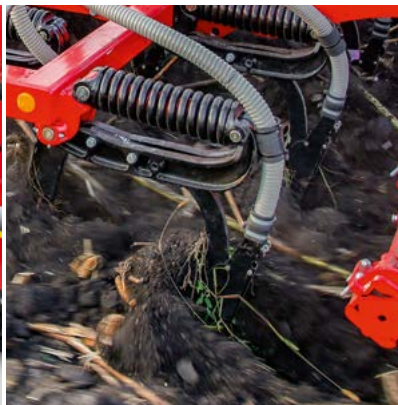
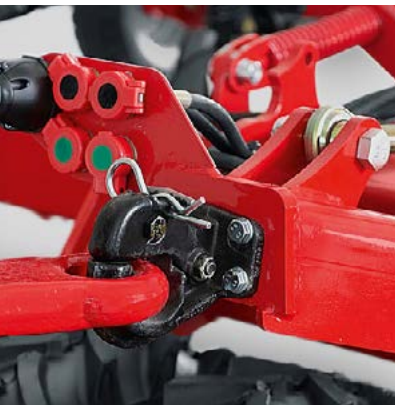
Applying fertiliser during the tillage pass also has logistic advantages compared to applying fertiliser while sowing, especially if high quantities have to be applied. In combination with the Tiger HORSCH provides efficient possibilities with the seed wagon and the fertiliser mounting.



- 1 Optipack SD**  
Two-rows of packer elements with a weight of 600 kg/m
- 2** Self-cleaning and intensive consolidation by intertwining packing elements
- 3 Optipack SD**  
Chassis for road transport



# FEATURES



Drawbar with hydraulic and electric connections

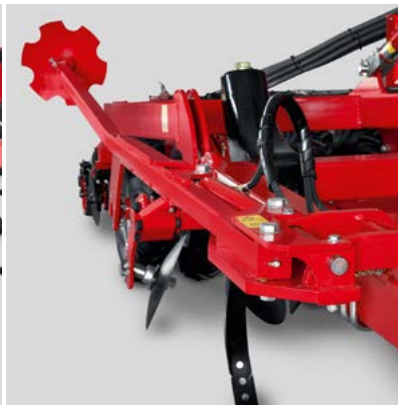
Hitch with cone joint lug

TerraGrip II

TerraGrip III

Optipack SD

Fertiliser distributor for combination with seed waggon



Two-point linkage system

Drawbar

Scharmüller coupling

Support wheels

Markers

TopRing packing system

SteelDisc packer

Variable setting of working depth with AluClip spacers



PU tyre filling

85 cm frame height

DuoDrill

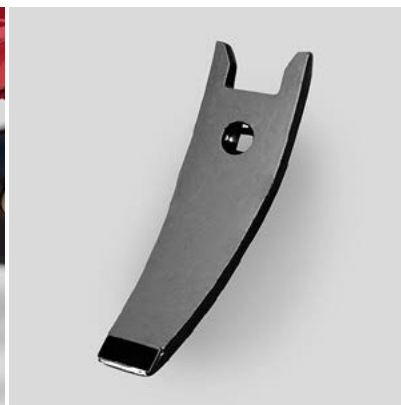
Pronto TD

Coulter wing (standard and HM)

Swivel chassis transport position

Side disc

Road-lighting equipment



Large 24 inch tyre packer available as an option

MulchMix point with carbide tip

MulchMix point narrow

MulchMix point HM Plus

LD+ (low disturbance) point

ULD+ coulter

Two-point linkage with hydraulic and electric connections



# TECHNICAL SPECIFICATIONS



HORSCH Tiger	3 AS	4 AS rigid	4 AS	5 AS	6 AS	8 AS
Working width (m)	3.00	4.00	4.00	4.80	6.00	7.50
Transport width (m)	3.00	4.05	3.00	3.00	3.00	3.00
Transport height (m)	1.90	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	7.95
Length with tyre packer 210/95–24 (m)	8.30	---	8.30	8.30	8.30	8.30
Weight (kg)**	3 540	4 365	5 380	6 120	7 120	8 770
Number of tines	13	17	17	21	25	33
Tine spacing in one row (cm)	92	94	94	91	96	91
Tine spacing (cm)	23	23.5	23.5	23	24	23
Frame height (mm)	850	850	850	850	850	850
Double acting valves two-point linkage	1 (+1 with marker)	1 (+1 with marker)	2 (+1 with marker)	2 (+1 with marker)	2 (+1 with marker)	2
Double acting valve drawbar	---	---	3 (+1 with marker)	3 (+1 with marker)	3 (+1 with marker)	3
Power demand (kW/hp)	110–220/150–300	145–270/200–370	145–270/200–370	185–330/250–450	220–400/300–550	275–440/375–600
Tyre packer/Ø (cm)	UP TO 4 AS: 7.50–16 AS/78 cm or 210/95–24 AS/100 cm (large tyre packer not for Tiger 4 AS rigid version)			FROM 5 AS: 7.50–16 AS/78 cm or 210/95–24 AS/100 cm		
Double RollPack packer Ø (cm)	62	62	62	62	62	62
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	Cat. III–III/IV–IV
Adjustable drawbar linkage hitch	---	---	Bolt Ø 50 mm	Bolt Ø 50–70 mm	Bolt Ø 50–70 mm	Bolt Ø 70 mm
Adjustable drawbar linkage ball joint	---	---	Hitch Ø 51 mm	Hitch Ø 51–71 mm	Hitch Ø 51–71 mm	Hitch Ø 71 mm
Adjustable drawbar linkage ball head	---	---	K 80	K 80	K 80	K 80

\* With levelling discs 2-row Ø 46 cm  
\*\* Weights of the machines with lower link linkage with minimum equipment and tyre packer 7.50–16 AS without brake

HORSCH Tiger	5 LT	6 LT	8 LT	10 LT
Working width (m)	4.80	6.00	7.50	10.20
Transport width (m)	3.00	3.00	3.00	5.00
Transport height (m)	3.30	3.70	4.00/4.15 (with levelling discs 2-row Ø 46 cm)	4.90
Length with tyre packer 7.50–16 (m)	7.05	7.05	7.05	6.70
Length with tyre packer 210/95–24 (m)	7.40	7.40	7.40	---
Weight (kg)*	5 495	6 280	7 700	10 835
Number of tines	15	19	25	34
Tine spacing in one row (cm)	96	95	90	90
Tine spacing (cm)	32	31.5	30	30
Frame height (mm)	850	850	850	850
Double acting valves two-point linkage	2 (+1 with marker)	2 (+1 with marker)	2	---
Double acting valve drawbar	3 (+1 with marker)	3 (+1 with marker)	3	3
Power demand (kW/hp)	150–270/200–370	175–295/240–400	220–370/300–500	295–440/400–600
Tyre packer/Ø (cm)	7.50–16 AS/78 cm or 210/95–24 AS/100 cm		7.50–16 AS/78 cm or 210/95–24 AS/100 cm	7.50-16 AS/78 cm
Lower link linkage	Cat. III–III/IV–IV	Cat. III–III/IV–IV	Cat. III–III/IV–IV	---
Adjustable drawbar linkage hitch	Bolt Ø 50–70 mm	Bolt Ø 50–70 mm	Bolt Ø 50–70 mm	Bolt Ø 70 mm
Adjustable drawbar linkage ball joint	Hitch Ø 51–71 mm	Hitch Ø 51–71 mm	Hitch Ø 51–71 mm	Hitch Ø 71 mm
Adjustable drawbar linkage ball head	K 80	K 80	K 80	K 80

\* Weight of the machines with lower link linkage (not Tiger 10 LT) with minimum equipment and tyre packer 7.50–16 AS without brake

HORSCH Tiger	3 MT	4 MT rigid	4 MT	5 MT	6 MT	8 MT
Working width (m)	3.00	4.00	4.00	4.80	6.00	7.50
Transport width (m)	3.00	4.05	3.00	3.00	3.00	3.00
Transport height (m)	2.40	2.40	2.90	3.20	3.60	4.00/4.15 (with levelling discs 2-row Ø 46 cm)
Length with tyre packer 7.50–16 (m)	8.30	8.60	8.60	8.60	8.60	8.60
Length with tyre packer 210/95–24 (m)	8.70	---	9.00	9.00	9.00	9.00
Weight (kg)*	4 215	5 525	6 575	7 425	8 420	10 380
No. of tines (DiscSystem)	14	18	20	24	28	36
Spacing of tines (cm)	38	40.5	40	39	42	41
Number of tines	7	9	9	11	13	17
Tine spacing in one row (cm)	86	94	94	91	96	90
Tine spacing (cm)	43	47	47	45.5	48	45
Frame height (mm)	850	850	850	850	850	850
Double acting valves two-point linkage	2 (+1 marker)	3 (+1 marker)	3 (+1 marker)	3 (+1 marker)	3 (+1 marker)	---
Double acting valve drawbar	---	---	4 (+1 marker)	4 (+1 marker)	4 (+1 marker)	4
Power demand (kW/hp)	110–220/150–300	150–270/200–370	150–270/200–370	185–295/250–400	220–400/300–550	275–440/375–600
Tyre packer/Ø (cm)	7.50–16 AS/78 cm or 210/95–24 AS/100 cm	7.50–16 AS/78 cm	7.50–16 AS/78 cm or 210/95–24 AS/100 cm	7.50–16 AS/78 cm or 210/95–24 AS/100 cm		
Double RollPack packer Ø (cm)	---	62	---	---	---	---
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	Cat. III–III/IV–IV
Adjustable drawbar linkage hitch	---	---	Bolt Ø 50 mm	Bolt Ø 50–70 mm	Bolt Ø 50–70 mm	Bolt Ø 70 mm
Adjustable drawbar linkage ball joint	---	---	Hitch Ø 51 mm	Hitch Ø 51–71 mm	Hitch Ø 51–71 mm	Hitch Ø 71 mm
Adjustable drawbar linkage ball head	---	---	K 80	K 80	K 80	K 80

\* Weight of the machines with lower link linkage (not Tiger 8 MT) with minimum equipment and tyre packer 7.50–16 AS without brake

HORSCH fertiliser attachment Tiger 4 MT rigid	
Transport width (m)	4.36
Height (mounted on Tiger; m)	2.95
Length (m)	2.23
Weight (kg)	1 200
Hopper capacity (l)	2 520 (3 x 840 l)
Dimension of feed opening (m)	4.20x0.91
Filling height double hopper (mounted on Tiger; m)	2.70
Double acting control devices	1
Depressurised return flow (max. 5 bar)	1





# TECHNICAL SPECIFICATIONS



HORSCH Pronto TD	Pronto 3 TD	Pronto 4 TD rigid	Pronto 4 TD	Pronto 5 TD	Pronto 6 TD	Pronto 8 TD
Working width (m)	3.00	4.00	4.00	4.80	6.00	7.50
Transport width (m)	3.00	4.00	3.00	3.00	3.00	3.00
Transport height (m)	3.30	3.30	3.30	3.30	3.30	3.70
Additional length Tiger (m)	2.90	2.90	2.90	2.90	2.90	2.90
Additional weight Tiger (kg)*	1 580	1 850	1 970	2 120	2 380	2 990
Hopper capacity (l)	2 000	2 000	2 000	2 000	2 000	2 000
Dimension of feed opening (cm)	70x125	70x125	70x125	70x125	70x125	70x125
Filling height (m)	3.10	3.10	3.10	3.10	3.10	3.10
Number of seed coulters	20	28	28	32	40	52
Coulter pressure seed coulters (kg)	5–120	5–120	5–120	5–120	5–120	5–120
Seed coulters/press wheels Ø (cm)	34/32	34/32	34/32	34/32	34/32	34/32
Row spacing (cm)	15	14.3	14.3	15	15	14.4
Power demand (kW/hp)	25–35/35–50	30–40/40–55	30–40/40–55	35–45/50–60	45–50/60–70	55–65/75–90
Double acting control devices (add. to Tiger)	1	1	1	1	1	1
Depressurized return flow (max. 5 bar)	1	1	1	1	1	1
Oil quantity hydr. fan (l/min)	35–45	35–45	35–45	35–45	35–45	35–45

\* Weight of the machines with minimum equipment

HORSCH Optipack SD	Optipack 4 SD	Optipack 5 SD	Optipack 6 SD	Optipack 8 SD
Working width (m)	4.50	5.70	6.40	7.80
Transport width (m)	2.95	2.95	2.95	2.95
Transport height (m)	2.55	3.15	3.45	4.00
Length (m)	5.15	5.15	5.95	6.65
Weight (kg)*	3 460	4 135	4 525	5 500
Support weight (kg)	300	300	300	300
Number packer rows/elements	2/39	2/49	2/55	2/67
SD-discs Ø (cm)	61	61	61	61
Tyre size, chassis	400/60–15.5	400/60–15.5	400/60–15.5	400/60–15.5
Double acting control devices	2	2	2	2
Power requirement (kW/hp) from	30–45/40–60	40–55/55–75	45–65/60–90	60–90/80–120
Adj. drawbar linkage	Bolt Ø 50 mm	Bolt Ø 50 mm	Bolt Ø 50 mm	Bolt Ø 50 mm

\* Weights of the machines with minimum equipment without brake







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

[horsch.com](https://horsch.com)

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