

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 coulter**
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: 7 500–16 AS, 210/95–24 AS)
- Large frame dimensions of 120x 120 mm



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



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



Tyre packing system
Effective and deep consolidation while protecting the soil



TopRing packing system
Perfect seed-bed preparation



Pronto TD
Universal Drill with TurboDisc coulters

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 shanks** 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

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 AS
Four-bar frame design, 23 cm tine spacing, 85 cm frame height, single-row levelling dics, tyre packing system and TopRing packing system



TerraGrip shank
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 shanks** 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



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 shanks** 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 DD 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)



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	23.50	23.50	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)	7.50-16 AS/78 cm or 210/95-24 AS/100 cm (large tyre packer not for Tiger 4 AS rigid version)			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

* 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	31.50	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	8.55	8.55	8.55	8.55
Length with tyre packer 210/95-24 (m)	8.65	---	8.90	8.90	8.90	8.90
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	40.50	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)	4.20 x 0.91
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





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