The cost-efficient alternative
Large wheels
Equipped with the largest wheels of any machine in its class (11.5/80-15.3 10PR), the TS EVO offers significant advantages. The large diameter wheels of the TS EVO run smoothly and easily, with the tyre pressure adjusted to one bar, the "footprint" of the machine is significantly reduced. Deep track wheelings are avoided and the seed bed is protected against compaction. The infinite depth adjustment and thus the sowing depth are precisely controlled with the TS EVO.

Five rows of tines
The intelligent arrangement of the seeding tines over five rows allows the TS EVO to place the seeds accurately into the seedbed, even in conditions with high amounts of crop residues. The symmetrical distribution of the rear row of tines ensures excellent seed depth and leveling. The TS EVO can be ordered with tine spacings of 12.5 or 15cm.
With the new TS EVO Kverneland Accord is setting the benchmark within this class of machinery. In particular the easy handling and the wide range of equipment characterise the new TS EVO. Various options combined with high performance and a relatively low purchase price make the TS EVO a real alternative among crop establishment systems. Especially in extreme conditions for example, humid soil or high straw residues, the advantages of the TS EVO become evident.

The TS EVO – technology for the professional.

Hopper capacity from 1200 up to 2200 litres
With up to 2200 litres hopper capacity, the TS EVO offers the largest seed hopper capacity in this product sector. Due to the optimised position of the hopper, the centre of gravity is very close to the tractor. A window located directly above the metering device enables the operator to monitor the hopper contents from the tractor cab. The access steps and large loading platform offer safe and unlimited access to the seed hopper.

Kverneland Accord metering device
The metering device is positioned on the left hand side of the machine and allows an exact calibration from 2 to 380kg per hectare. The central, totally enclosed cell wheel of the metering device accurately measures the required volume of seed and discharges it into the venturi cone where it is mixed with the air stream and then conveyed through the diffusor tube and the seed delivery hoses to the coulters. The residual quantities remaining in the hopper when sowing fine seed are negligible, the residue can be removed via the emptying flap. For the sowing of fine seeds, e.g. rape or grass, the metering device can be infinitely adjusted to fine seed/micrometering by means of a spindle, without any need for tools.
Kverneland Accord TS EVO

Offers so much more!

Lateral positioning of the metering device — easy adjustment

With the easily accessible metering device Kverneland Accord are setting new standards. Handily positioned on the left hand side, the TS EVO provides an excellent and ergonomic access to the metering device resulting in easy calibration.

All important components are easily visible and accessible. A seed emptying chute is provided for easy removal of remaining seeds and cleaning.

A calibration kit consisting of a calibration bag and a set of digital scales are supplied as standard equipment. Both are stored in a tool box attached to the hopper giving the opportunity for calibration tests at any time.

Isobus — Electronics for the professional

Plug & Play! Using an industrial standard, the machine is connected directly with the ISOBUS terminal of the tractor. (DIN-ISO 11873).

All machine information and control functions are shown on the tractor terminal, no additional monitor is necessary. If the tractor is not equipped with an ISOBUS compatible system, the TS EVO can be controlled by the Kverneland Group Focus 2 or TEL-LUS terminals via the respective SPC (ITH) or tractor ECU connection interfaces.
Lateral control wheel
From 4.80m working width the TS EVO is equipped with additional lateral control wheels (2x20.5x8.0-10; 6PR). These are continuously adjustable in depth and support the smooth running and even depth control of the seed placement.

Wheels mounted in the centre — excellent following of ground contours
Also with the following of undulating land, the TS EVO proves its quality. Due to the central position of the land wheels at the main frame, the TS EVO adapts perfectly to the ground contours. In comparison to implements with front mounted landwheels, the design of the TS EVO equalises the distance between the tine rows and the landwheels. Thus the impact on the sowing depth when working on slopes could be reduced by more than half. With the TS EVO the sowing depth is simply more precise. From working widths of over 4.5m the TS EVO is equipped with additional depth control wheels mounted on the wing sections. These assist the free-floating wing sections to also follow the ground contours.

The TS EVO tines — well proven
The seeding tines of the TS EVO are made of high quality spring steel fitted with the Kverneland leaf-spring auto-reset overload protection. To ensure the free flow of crop residues through the machine, the tines are arranged in an offset configuration over five rows. The TS EVO can be ordered with either 12.5 or 15cm row spacing. The special design of the tines reduce the tractor power requirement and ensure uniform seed depth placement. Also in extremely humid and sticky soils, the Tine Seeder ensures perfect seeding results.

Tines in front of the landwheel — stable running under all conditions
A tine in front of each landwheel levels the soil and ensures an even and steady running of the TS EVO - a prerequisite for the depth control of the seed placement with tine seeders. Due to the new design of the TS EVO, seeding can be carried out in a crossways direction to the previous cultivation operations.

Lateral control wheel
From 4.80m working width the TS EVO is equipped with additional lateral control wheels (2x20.5x8.0-10; 6PR). These are continuously adjustable in depth and support the smooth running and even depth control of the seed placement.
**Calibration**

Due to the easily accessible metering device, calibration is quickly and simply carried out. Just refer to the calibration chart and adjust the opening of the metering device accordingly. Check the metered volume by the calibration test and if necessary re-adjust. The machine is now ready for seeding!
**Following harrow**
Effective seed covering after sowing is ensured by the twin row following harrow section as standard equipment. The special design of the tines allows even high quantities of damp plant residues to pass through the harrow without blocking. The harrow pressure and its aggressiveness can be adjusted via the spring pressure adjustment and the angle of the harrow bar.

**Working depth**
User-friendly adjustment and clear scales facilitate easy setting of the machine depth and allow quick return to previous positions. With no tools required, the adjustment of the TS EVO can be changed from shallow rape seeding to deeper wheat seeding with a minimum of delay. The horizontal alignment of the machine is controlled by a simple indicator at the hopper.

**Following harrow and press wheels**
As an option the TS EVO is equipped with a one-row V-harrow and press wheels. This offers the option of applying additional pressure by the continuously adjustable press wheel.

Like the following harrow the optional press wheels are divided into three sections. The pressure can be infinitely adjusted via the screw adjusters. If the seed press wheels are not required due to very humid conditions, they can be completely lifted.
Mulch or conventional seeding

Universal application
The flexibility of the TS EVO allows its operation after the plough as well as with conservation tillage.

Road transport
Easy conversion from working to transport position. The transport width of 3.00m ensures safe road transport.
## Optional equipment

### Crossboard
- Hydraulic crossboard, continuously adjustable
- Visible from the tractor cab
- Recommended on ploughed and roughly prepared fields

### Half-width shut-off
- Distribution head can be easily shut-off for half-width sowing
- Simple change to micro metering
- No opening of the distribution head
- Retro-fitting is possible

### ESA
- Mechanical drive wheel or electric drive
- On the move seed rate adjustment

### Press wheels
- Ensure optimum seed-soil contact
- Adjustable without any tools
- 3 sections
- Pressure adjustable by spindle
- Press wheels can be lifted completely especially in humid conditions

### Hopper extension
- Two hopper extensions with 500 litres each, for a total hopper capacity of up to 1700 and 2200 litres

### Track eradicator
- Reversible coulter tip
- Depth adjustable via pin and hole system
- Preloaded by spring pressure
- With overload protection

### Hydraulic fan drive
- Additional hydr. fan drive allows variable engine speed of the tractor

### Track eradicator
- Goosefoot coulter
- Depth adjustable via pin and hole system
- Preloaded by spring pressure
- With overload protection

### Pre-emergence marker
- Systematic tramlines saving seeds

### Standard and combination tramline shut-off valves
- Standard shut-off valves for tramlines with "edge row effect"
- Combination shut-off valves return the seeds to the hopper
TELLUS, the standardised ISOBUS enabled tractor terminal system from the Kverneland Group, offers a control unit for all ISO-compatible machines. Via the ISOBUS connection TELLUS automatically identifies the job control unit, which is located on the machine. All the machine basic data, monitoring and control functions are located within the on board job computer. The Tellus terminal displays the data received from the job computer and via a series of “soft keys” allows programming for complete set-up, monitoring and control of the machine. TELLUS has an RS 232 interface for GPS, which is also used as the service interface.

Electronic control unit (FOCUS 2)
The Kverneland FOCUS 2 terminal is a lower-cost alternative controller to TELLUS. It has a monochrome screen and offers all functions for adjustment and job control as the TELLUS unit but it is not fully ISOBUS compliant. With the FOCUS 2 terminal you can however operate and control all Kverneland Group ISOBUS FOCUS 2 compliant machines.

The electronic seed control unit SIGNUS
SIGNUS provides comprehensive information, simple set up, a variety of functions and precise control. For precise machine guidance during spraying or fertilising, tramlines are set and displayed visually by means of the SIGNUS electronic seeding controller. Moreover SIGNUS offers many further optional functions (setting of special tramline rhythms, on the move seed rate adjustment, monitoring of the fan speed etc.), which are displayed, monitored or adjusted during operation.

Elektronický tramline control box FGS
The FGS tramline control system allows the operator to select from a variety of preprogrammed tramline rhythms. In operation the bout number and tramline valve activation are displayed by a series of LEDs located at the top of the control box. The FGS unit also features hopper low level and under-voltage warning.

Seed-flow monitoring FLOW CHECK
For pneumatic seed drills the Kverneland Group offers an additional seed-flow check. This is an independent machine control system which monitors the seed distribution tubes automatically, immediately recognising and reporting any blockages or errors! The display indicates the affected seed delivery tube, making it possible to localise and solve the problem quickly. The system is suitable for all common seed types (including oil seed rape) and can be fitted retrospectively on all pneumatic seed drills.
# Technical data

<table>
<thead>
<tr>
<th>Model</th>
<th>TS EVO 4000</th>
<th>TS EVO 4800</th>
<th>TS EVO 5000</th>
<th>TS EVO 5600</th>
<th>TS EVO 6000</th>
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<td>Working width (m)</td>
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<td>No. of coulters (12.5 cm distance)</td>
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<td>40</td>
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<td>No. of coulters (15.0 cm distance)</td>
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<td>32</td>
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<td>(500 + 500)</td>
<td>(500 + 500)</td>
<td>(500 + 500)</td>
<td>(500 + 500)</td>
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<td>✗</td>
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<tr>
<td>Pre-emergence marker</td>
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<tr>
<td>Track eradicator 1 set / 2 sets</td>
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<td>Following harrow 2 rows</td>
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<td>Central land wheel</td>
<td>2 x 11.5/80-15.3 (10PR)</td>
<td></td>
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<td></td>
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<tr>
<td>Lateral control wheel</td>
<td>—</td>
<td>2 x 20.5x8.0-10 (6PR)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Min. power requirement (HP/KW)</td>
<td>100 / 75</td>
<td>120 / 88</td>
<td>125 / 92</td>
<td>130 / 96</td>
<td>130 / 96</td>
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<tr>
<td>Weight (kg)</td>
<td>1630</td>
<td>1805</td>
<td>1850</td>
<td>1930</td>
<td>1980</td>
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</tbody>
</table>

- Standard equipment
- Accessories
- not available for this type

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Kverneland Group

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.

Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package of systems and solutions to the professional farming community. The offering covers soil preparation, seeding, forage- and bale equipment, spreading and spraying.

Original Spare Parts

Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites. Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.

Kverneland Group UK Ltd.
Walkers Lane, Lea Green, St. Helens
Merseyside, WA9 4AF
Phone + 44 1744 8532 00

Kverneland Group Ireland Ltd.
Hebron Industrial Estate
Kilkenny, Ireland
Phone + 353 56 51597

Kverneland Group International B.V.
c/o Kverneland Group Business Partner
4355 Kvernaland, Norway
kvg-international@kvernelandgroup.com

www.kverneland.com