

Farming Equipment



Member of the PLENNEGY GROUP

PRODUCTS

2023



Soil Equipment



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PLOUGHS

Kverneland AD Mounted Conventional Ploughs

For easy and efficient ploughing. A conventional mounted plough equipped with mechanical front furrow width adjustment as standard. Increase your capacity by 30% while saving 20% fuel! Under difficult conditions one or more bodies can be locked in a parked position. The plough can grow with the size of your tractor by adding one extra furrow.

Advantages

- Kverneland steel and heat treatment technology for the complete plough
- Robust and reliable construction
- Auto-reset system for non-stop ploughing
- Equipped with the Variomat / Vari-width® system, 30-50cm
- Extendable by one furrow
- Body 30 mouldboard standard

MODEL	AD 100/3	AD 100/4	AD Ext.	AD Ext.
Number of furrows	3	4	3 to 4	4 to 5
Under-beam clearance (mm)	700	700		
Interbody clearance (mm)	1000	1000		
Furrow width (mm)	300-500	300-500		



PLOUGHS

Kverneland Mounted ES Reversible Plough

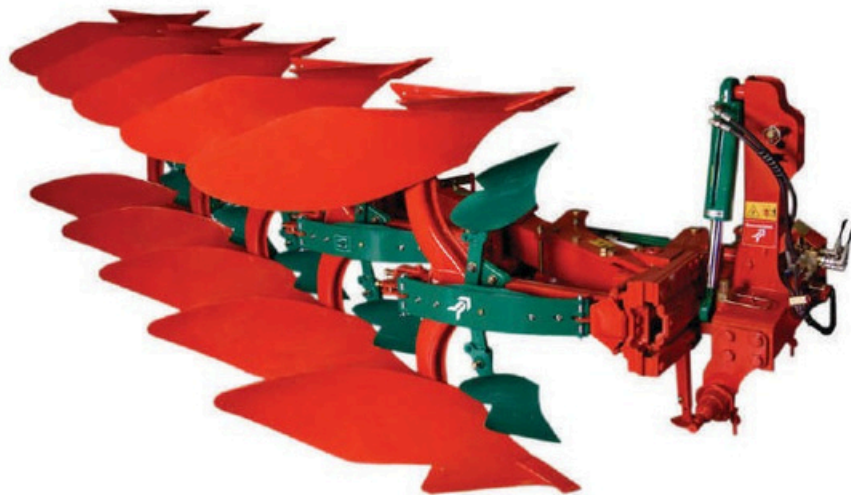
Easily adaptable to different soils and tractors.

The inter-body clearance of 100cm gives the possibility to plough regardless of weather or crop conditions. The front part construction makes it adaptable to any tractors.

Advantages

- Kverneland steel and heat treatment technology to the complete plough
- Reduced lift requirements compared to other brands
- Easy to pull
- Easy to adjust and to operate
- Unrivaled auto-reset system
- Body 30 mouldboards

MODEL	ES 100/3	ES 100/4	ES 100/5	ES 100/6
Number of harrows	3	4	5	6
Under-beam clearance (mm)	750	750	750	750
Interbody clearance (mm)	100	100	100	100
Furrow width (mm)	300-500	300-500	300-500	300-500



PLOUGHS

Alpler Conventional Ploughs

To turn over soil. Preparation for planting seeds.

Standard features

- Excellent plough-tractor balance
- Simple and strong design for all land conditions
- Big variety of working width choice for all tractor horse powers

MODEL	SP 092	PP 144	PP 145
Number of furrows	2	4	5
Working width (mm)	245	350	350
Working depth (mm)	220	280	280
kW requirement	35-45	50-65	75-85



CULTIVATORS & SUB SOILERS

Alpler Light Duty Cultivator

Standard features

- Different share types for different solutions
- Springs vibrations for safe working opportunity
- Due to the vibrations, reduction of traction force
- Good clearance for trashy conditions where the quantity of trash may otherwise cause blockage
- Grease-able bushes made from special material

MODEL	7 Tine
Distance between tines	250
Clearance (mm)	450
Working width (mm)	1750
Working depth (mm)	100



CULTIVATORS & SUB SOILERS

Kverneland CLC Enduro Pro Sub Soiler

Powerful and efficient performance – that is what the Enduro Pro offers. The machine can operate at high forward speeds whilst maintaining a consistent working depth.

The Enduro Pro with a well-organized tine arrangement over 3 rows of tines has been designed to ensure mixing and intensive cultivation even with long residues. The tine spacing is 285mm on the rigid models.

For stony conditions and high penetration - Triflex 700 The auto-reset Triflex tine uses the well-known Kverneland leaf spring system to ensure a high point pressure of 700kg and a smooth release curve in case the tine hits an obstacle. The Triflex tine with narrow design and special shape with two working zones reduces the pulling forces whilst ensuring a perfect penetration even in heavily compacted soil. 700kg release force and 27cm release height.

Advantages

- Perfect mixing and leveling
- Low pulling force needed
- Reduced maintenance
- Double cage roller ø400mm



MODEL	Enduro Pro 3m	Enduro Pro 3.5m
Number of tines	10	12
Distance between tines (mm)	285	285
Distance between beams (mm)	750	750
Working width (m)	2.85	3.42
Working depth (mm)	50-350	50-350

CULTIVATORS & SUBSOILERS

Kverneland CLC-II Sub Soiler

Use for primary and secondary engagement.

Standard Features

- Bolted heat-treated beam
- Front and rear beam 100 x 100mm tube x 8mm thick
- Unique leg design vibrating for intensive effect in the soil
- Tine flexibility 200mm each way
- 1050kg Tine breakaway on the point
- Under beam clearance of 870mm (920mm with knock-on)
- Wear plate standard with 80mm knock-on point
- Long leaf spring non-stop auto reset, set at 690mm
- Standard 7 + 2 No: 5 Spring pack (auto reset)
- Intensive mixing and good residues flow
- Cage roller included in base
- Depth control wheels not included - optional extra*



MODEL	3 Tine	5 Tine	7 Tine	9 Tine	11 Tine
Tine spacing (mm)	350	350	330	330	330
Distance between beams (mm)	1300	1300	1300	1300	1300
Working width (m)	1.0	1.75	2.30	3.0	3.6
Working depth (mm)	450	450	450	450	450
kW requirement	60-80	60-80	70-110	130-170	130-170

MODEL	13 Tine	15 Tine	17 Tine	19 Tine
Tine spacing (mm)	300	330	330	300
Distance between beams (mm)	1300	1300	1300	1300
Working width (m)	3.9	4.95	5.6	5.7
Working depth (mm)	450	450	450	450
kW requirement	140-190	180-230	200-250	215-260

CULTIVATORS & SUBSOILERS

Kverneland CLG Sub Soiler (CLG Tines)

Design to loosen subsoil and break up tram-line tracks. Improves soil structure and promote good drainage.

Increase soil's permeability and improve seedbed conditions for faster & better germination.

Standard Features

- Frame designed is bolted heat treated
- Under beam clearance of 780mm
- Tine spacing 400mm & easy to adjust
- Standard 7 and 2 No. 5 spring pack (auto reset)
- 1200kg Breakaway
- Better soil flow due to rounded tine face
- Cage roller included in base
- Depth control wheels not included - optional extra*



	3 Tine	5 Tine	7 Tine	9 Tine	11 Tine
Tine spacing (mm)	400	400	400	400	400
Distance between beams (mm)	1300	1300	1300	1300	1300
Working width (m)	2.0	2.0	2.8	3.6	4.4
Working depth (mm)	500	500	500	500	500
kW requirement	60-80	75-90	105-126	135-160	165-198

MODEL	13 Tine	15 Tine
Tine spacing (mm)	400	400
Distance between beams (mm)	1300	1300
Working width (m)	5.2	5.25
Working depth (mm)	500	500
kW requirement	195-234	225-270

CULTIVATORS & SUBSOILERS

Kverneland CTC Trailed (Folding) Cultivators

The CTC has a well-organized tine arrangement over 3 rows. The capacity with long residues has really been a focus during the design process ensuring optimum mixing and intensive cultivation. The row distance is 270mm; the tine position has been optimized to ensure a smooth soil flow across the entire working width but also around the transport wheels.

Standard Features

- Heat treated frame design with 3 rows of tines
- Working width from 4.0 to 6.0m, working depth from 50mm to 350mm
- Under beam clearance of 870mm (920mm with Knock-On)
- Four working zones: (1) front cutting / mixing disc (2) ripping (3) mixing disc / combi disc (4) roller- levelling / seed bed
- Auto reset spring pack with 640kg breakaway
- Due to fantastic hollow tine technology the tine can move 200mm each side
- Unique tine design vibrating for intensive effect in soil low fuel consumption

MODEL	CTC 427	CTC 527	CTC 627
Number of tines	15	17	21
Distance between beams (mm)	270	270	270
Working width (m)	4.10	4.60	5.70
Working depth (mm)	350	350	350
kW requirement	119-224	134-261	149-298



CULTIVATORS & SUBSOILERS

Dondi Mega Deep Subsoilers

Mounted subsoilers suitable for high-power tractors with very high clearance which ensures a perfect flow of soil even with a lot of residues, preventing any clogging.



Standard features

- Able to work up to 70cm in depth
- The tines have a high-resistance pull bolt safety device to protect the machine and the tools against shocks and overloads
- Can be combined with different kinds of hydraulic rear rollers (depending on the type of soil and the finishing you require)
- Winged sod breakup device and sod containment kit included

MODEL	Mega 7
Number of tines	7
Distance between tines (mm)	400
Clearance (mm)	1150
Working width (mm)	2.80
Working depth (mm)	700
kW requirement	194-268

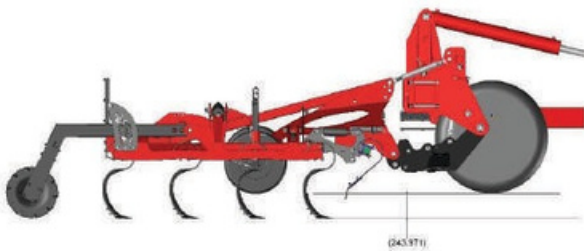
CULTIVATORS & SUBSOILERS

Dondi Dualfirst Tool Carrier

Dualfirst Tool Carrier designed to handle two of the same cultivators for deep and shallow operations and to create a larger working surface.

Standard features

- Strong frame construction
- Lateral overlapping adjustment for accurate cutting quality whatever the disc diameter is
- Able to work from 20 to 150mm
- Heat treated disc for long lifetime diameter 560 X 6mm
- SKF Agri Hub is a fully integrated hub bearing system, greased and sealed for the life of the unit
- One arm per disc with four rubbers auto-reset system
- Heavy rollers for good packaging
- Rigid



MODEL	Dualfirst 8m	Dualfirst 10m
Working width (mm)	8	10
Transport width (mm)	3.0	3.0
Size of wheels	560/45-22.5	560-45-22.5
Weight (kg)	2570	3500
kW requirements	Up to 200	Up to 370

VERTICAL TILLAGE & DISC HARROWS

Alpler Rigid Vertical Tillage

Main use for incorporation of weeds and volunteer cereal seeds into soil with intensive mixing. Incorporation of weeds & straw. Seed bed preparation - reduce clods to give you better seed to soil contact with the result of quicker seed germination. High speed vertical tillage implementation for minimum compaction.

Standard features

- Strong frame construction
- Lateral overlapping adjustment for accurate cutting quality whatever the disc diameter is
- Able to work from 20 to 150mm
- Heat treated disc for long lifetime diameter 560 X 6mm
- SKF Agri Hub is a fully integrated hub bearing system, greased and sealed for the life of the unit
- One arm per disc with four rubbers auto-reset system
- Heavy rollers for good packaging
- Rigid



MODEL	BDH 3.0m	BDH 4.0m	BDH 5.0
Number of discs	24	32	40
Disc diameter (mm)	560	560	560
Disc spacing (mm)	250	250	250
Cutting width (mm)	3.0	4.0	5.0
Working depth (mm)	20-150	20-150	20-150
kW requirement	85-110	110-140	140-180

VERTICAL TILLAGE & DISC HARROWS

Kverneland Qualidisc Vertical Tillage

Compact trailed disc harrow: From 5 to 7 meter

Stubble cultivation is of major importance within conservation tillage. It incorporates weeds and volunteer cereal seeds into the soil with an intensive mixing and promotes their germination for a more efficient subsequent treatment.

The even incorporation of the straw presents a key factor for seed germination. Therefore, Kverneland has designed the Qualidisc to comply with these requirements, but also to offer the farmer a versatile machine which is ready for shallow as well as for deeper cultivation.

Advantages

- Compact and sturdy
- Good penetration and cutting quality
- Simple adjustment
- Perfect cutting angle
- Long lasting discs
- Maintenance-free bearings



MODEL	5000	6000	7000
Number of discs	40	48	56
Disc spacing (mm)	250	250	250
Working width (mm)	5	6	7
Working depth (cm)	0-10	2-10	2-10
kW requirement	147-220	182-257	176-294

POWER HARROW

Toscano Heavy-Duty Power Harrow

Power Harrow is a tillage machine with vertical blades that turns right and left continuously.

It prepares seedbed; eliminates weed and plant residue; mixes fertilizer; creates water channels in deeper layers of the soil. It also minimizes stratification.

Standard Equipment

- Universal 3-point CAT II Linkage
- 1 3/8" Z6 Spline PTO Protective Shaft
- 4 Speed; Double Outlet PTO Gearbox with 540-750-1000 rpm provides
- 2500-3000: min:195 max: 361
- 3500-4000: min:236 max:437 Rotor Speed
- 30cm Length 15 mm thick High Quality Blades.
- Packer Roller with Sludge Separator
- Rotor Prevention System (Developed by Toscano; prevents hose, rope, wire etc. tangling)
- Anti-Jamming System (Prevents stone jamming between rotors)
- Rear Roller Pin Adjustment
- Adjustable Levelling Profile
- Swinging Front Linkages
- Mobile & Adjustable side covers
- Removable CE Safety Guards



MODEL	4m Heavy-Duty
Power of tractor	88-118 kW / 120-160 Hp
Work width (cm)	400
Weight (kg)	1760
Cultivation depth (cm)	30

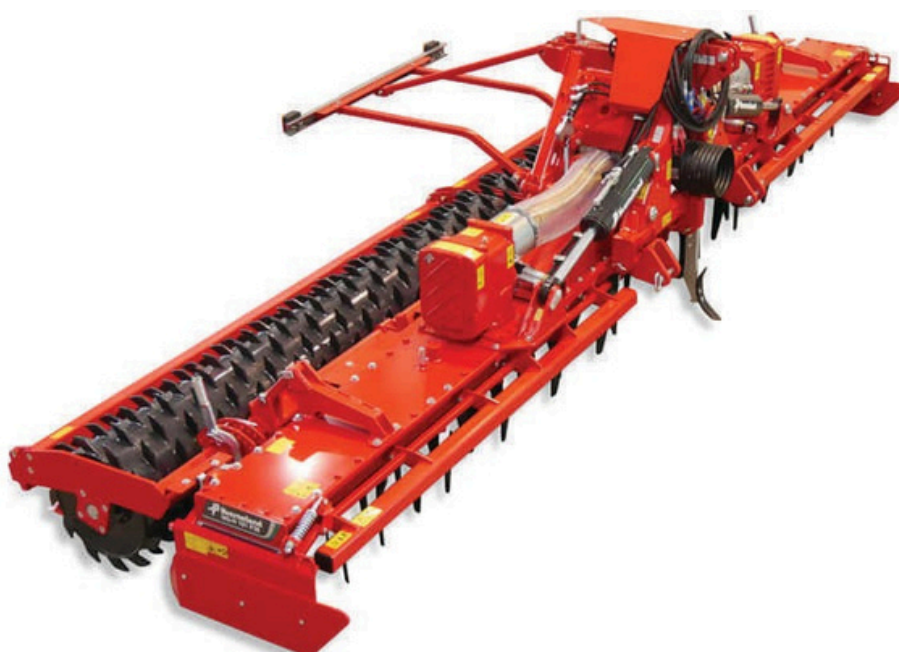
POWER HARROW

NG-H Kverneland Power Harrow

The H series is the robust medium-sized power harrow for effective operation in most conditions. By using a double bending sandwich section for the trough, it has been possible to increase its strength, making it self-supporting without increasing the weight whilst keeping a clean and tidy design. Main features like the rotor distance of 25cm, the double conical bearing, heavy-duty headstock and the modular tine carrier have been considered too.

For optimum performance in difficult soil conditions, the robust and self-supporting trough design provides a large clearance between the tine holder and trough bottom.

This allows large amounts of residues and stones to pass freely without blocking and provides excellent results in mulch conditions.



MODEL	NG-H 101 3.5
Working width (mm)	3.5m
Number of rotors/tines	14-28
Weight with packer roller	1749

ROLLERS

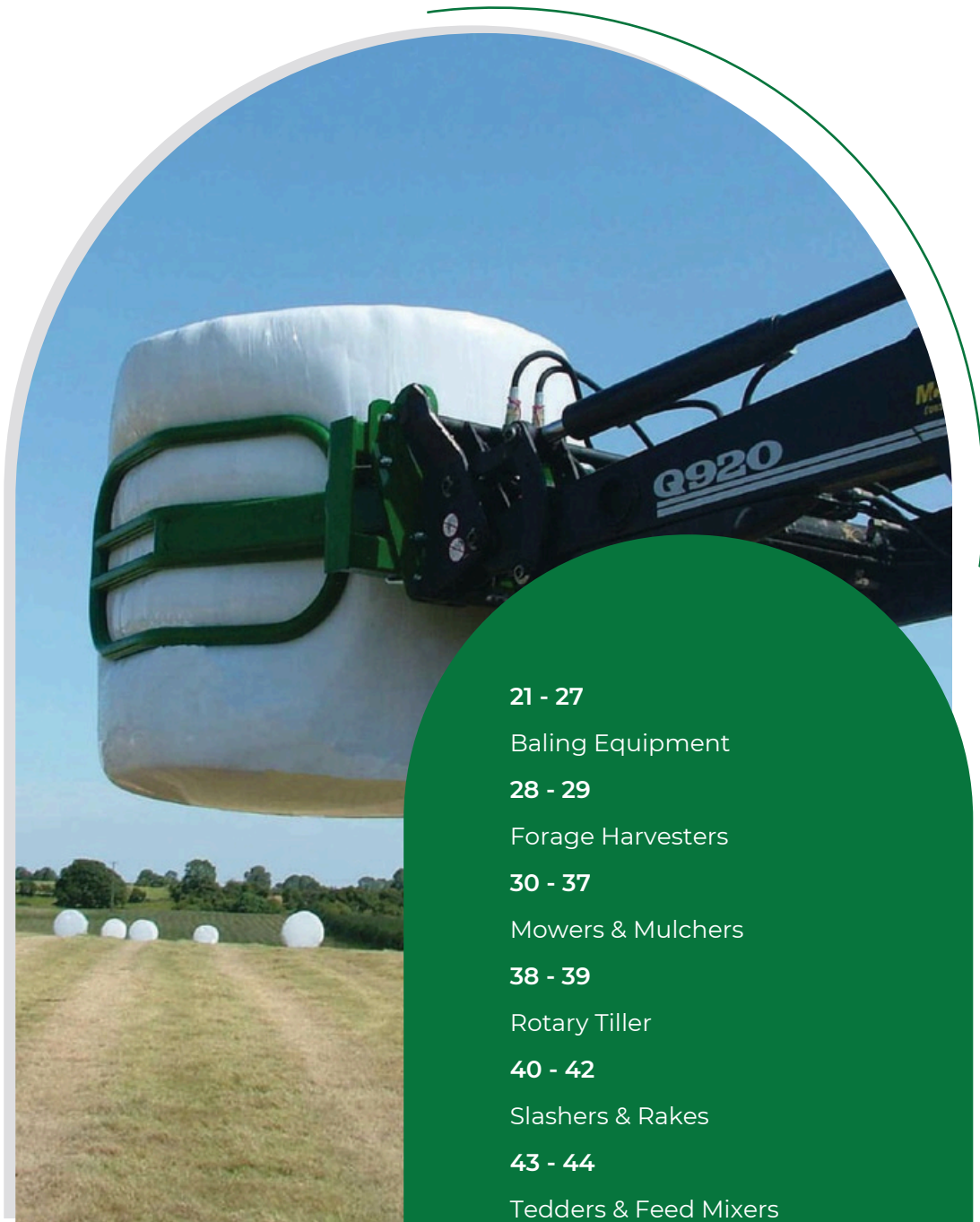
Actipack Roller

Actipack \varnothing 560mm - 220 kg/m

The Kverneland Actipack roller displays its superb working qualities especially on medium to heavy soils, also in wet, stony and sticky conditions thanks to the independent skids and knives. The cutting discs break the larger clods whilst the adjustable knives cut the remaining clods resulting in optimal clod breakdown and fine seedbed preparation.

MODEL	3.0m	4.0m
		

Haymaking & Forage



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Tedders & Feed Mixers

BALING EQUIPMENT

Kayhan Ertuğrul 555 Square Baler



Standard features

- Uninterrupted work efficiency thanks to the 2-rope tying mechanism.
- The tying fan, which is offered as a standard ensures that the tying group is kept clean under all conditions.
- Shaft system connected directly to the transmission.
- Hydraulic pickup provides precise movement that can work in any conditions in the field.
- Intelligent piston system.
- Heavy flywheel, counterweight and roller-mounted ram provide strong, rugged work.
- Dual support wheel offers protection in all field conditions.
- Side clamping system, specifically designed to shape and make bales more stable.
- Needles protected by their cover in all field conditions.
- The knotter assembly is clean and operational at all times with the performance of the fan system.

MODEL	KE 555
Compression Dimensions	360 x 460
Number of Pistion Strokes	93
Grass Bale Weight	20-35 kg
Business efficiency	2000 -2500 bale/day
Picker	5 Row Bearings
Number of collecting fingers	100
Minimum Power Requirement	45 HP
PTO Speed	540 rpm

BALING EQUIPMENT

Kayhan Ertuğrul 520 In-line Square Baler



Standard features

- The KE 520 Square Baler provides time and fuel savings in the field by not leaving crops and making bales as economical as possible thanks to the feed fork system. Even with the reinforced chassis structure and even in the most challenging field, KE 520 offers standard operations for years at no cost.
- Wider (193 cm) and low profile designed collection unit for maximum performance in each type of crop.
- 120 rpm gear drive provides robust, smooth bump-free operation.
- Crank feeder system offers the highest level of product flow with heavy duty spiral and special design.
- Central lubrication system offers continuous working performance with the option of knotter sets.

MODEL	KE 520
Number of teeth	112
Piston Speed	105 stroke/min
Bale Dimensions	360 x 460 hmm
Bale Weight	20-35 kg
Productivity	250 bale/h
The knotter assembly	2 Twins
Minimum Power Requirement	45 HP
PTO Speed	540 rpm

BALING EQUIPMENT

McHale F5400 - Non Chopper Baler

The McHale F5400 non-chopper round baler features a star shaped feed rotor to quickly and efficiently move the crop from the pick up into the bale chamber. This maximises the baler performance and throughput. It comes standard with the McHale drop floor unblocking system, 50mm bearings on the bale chamber, heavy-duty chains and a continuous oiling system.

Standard features

- 2.1m pick-up - Baling of wet and dry material
- Heavy duty rotor feed
- Drop floor unblocking system
- 18 Roller bale chamber
- 50mm bale chamber roller bearings
- 1' – 1/4" chain on the bale chamber
- Centralised greasing blocks (manual greasing)
- High performance various stretch netter
- Continuous oiler system
- Wizard control box (4 digit display)
- 380/55 – 17 tyres



MODEL	F5400
Length (mm)	4050
Width (mm)	2550
Height (mm)	2450
Pick-up (mm)	2100
Weight (kg)	3260
Bale size (cm)	Ø 125 X 123

BALING EQUIPMENT

McHale F5500 - Heavy Duty Fixed Round Baler

Heavy duty fixed chamber round baler with a 15 knife chopper unit and drop floor unblocking system. Features like progressive greasing and oiling and drop floor unblocking system, when combined with high specification components ensure long life, reliability and a machine that is rugged enough to handle the toughest of crop and ground conditions.

Standard features

- 2.1m pick up
- Heavy duty rotor
- 15 knife chopper unit
- Knife position sensor
- Drop floor unblocking system
- Drop floor sensor
- 18 roller bale chamber
- 50mm bale chamber bearings
- 1' - 1/4" chain on the bale chamber
- Continuous oiler system
- Automatic progressive greasing system
- High performance various stretch netter
- Wizard plus control box with graphic display
- 500/50 - 17 tyres



MODEL	F5500
Length (mm)	4050
Width (mm)	2580
Height (mm)	2450
Pick-up (mm)	2100
Weight (kg)	3500
Bale size (cm)	Ø 125 X 123

BALING EQUIPMENT

McHale V6750 - Variable Round Baler

The McHale V6750 is a semi-automatic variable chamber baler which is fitted with a 15 knife chopper unit and heavy-duty rotor. It is equipped with a double drive system which allows the machine to operate in the toughest of conditions. The double drive system aids belt rotation and bale formation. The machine comes with centralized grease blocks as standard. Net and bale density can be adjusted from the cab through the Expert Plus control console. The machine is fitted with 500/50-22.5 tires as standard.

Standard features

- 2.1m High-intake pick-up with galvanised bands
- 15 Knife heavy duty rotor
- 15 Knife chopper unit
- Double drive dystem
- Expert plus control system
- Centralised greasing blocks
- Optional camless pick-up
- Fitted with 500/50-22.5 tyres as standard



MODEL	V6750
Pick-up (mm)	2100
Rotor	Heavy duty rotor feed
Bale size (mm)	600 to 1680x230
Control box	Expert Plus
Weight (kg)	4786

BALING EQUIPMENT

McHale Fusion 4 Pro

The McHale Fusion 4 Pro is a fully automatic machine that uses net to bind the bale in the chamber and possesses a host of new features to maximise operator comfort. ISOBUS software provides the operator with in-cab net and density adjustment, camera options and a wide variety of useful data features.

The new McHale Fusion 4 range has been developed with a focus on operator comfort and machine performance, while still ensuring the renowned simplicity and reliability is maintained.

Our specialist team of engineers have maximised machine intake and output, increased bale density and reduced maintenance intervals to ensure the Fusion 4 range of machines surpasses all your baling and wrapping expectations. These levels of comfort, when paired with proven features such as the patented bale transfer system and the vertical wrapping ring, enable the McHale Fusion 4 range of machines to offer durability, reliability and high-output to the end user.

Standard features

- 2.1 m Profi-Flo Pick-Up
- 25 Knife Heavy Duty Feed Rotor
- Automatic Drop Floor Unblocking System
- 18 Roller Bale Chamber
- 50 & 55 mm Bale Chamber Bearings (55 mm bearings fitted to rollers with long shafts and double sprockets)
- 1¼" Chain on the Bale Chamber
- Automatic Progressive Greasing System
- 4 Bar Pivot Stretch Netter
- Automatic Oiling System with Lube Interval Adjustment & Alarm
- ISOBUS Compatibility
- Vertical Wrapping Ring with Film Break Sensors
- 560/60-22.5 Tyres

MODEL	Fusion 4 Pro
Length (m)	5.8
Width (m)	2.76 / 2.94
Height (m)	3.02
Weight (kg)	5850



BALING EQUIPMENT

McHale 991 LBER, 991 BC, R5 Bale Handler

991 LBER Advanced remote controlled bale wrapper, which can be operated from the loading tractor by remote control allowing for one man operation of the loading, bale wrapping and stacking functions. **991 BC** Packed with practical and reliable features, the 991 BC round bale wrapper is the base level machine, on this round bale wrapper four levels allow the operator to control the lift arm, wrapping table, cut and hold system and table tip/damper. **R5 Bale Handler** Simplicity, versatility and strength are the main features of the McHale R5 round bale handler.



MODEL	991 LBER	991 BC	R5 Bale Handler
Lift capacity (kg)	1100	1100	1100
Working speed (rotations/min)	30	30	-
Weight (kg)	800	1870	160

FORAGE HARVESTER

Kayhan Ertuğrul 120 Single Row Forage Harvester



Standard features

- Cutting blades ensures the fast and continuous intake of the harvested crops.
- Rapid transmission system with reinforced chassis.
- Hydraulic components to ease the usage of chute system.
- 90 Degree rotatable chute system with rapid control.
- High quality durable blades (12pcs)
- Automatic knife sharpening
- Independent hydraulic system

MODEL	KE 120
Minimum Power Requirement	50 HP
Working width	65 cm
Number of steering wheel wings	6
Quantity of chopper blades	12
PTO	540 u/min (rpm)
Cutting diameter	4-8 mm
Productivity	20 - 250 mt/hour

FORAGE HARVESTER

Kayhan Ertuğrul 125 Row Independent Forage Harvester



Standard features

- High-quality blades on the forage harvester ensure high efficiency and uninterrupted performance.
- The robust chassis structure and accelerated transmission system provide sustained work even in the most demanding areas.
- Hydraulic components to facilitate the use of the hopper system
- Chassis system provides three ways of use (front – back – side)
- Easy open lid to cover channel blockage
- 360 degree rotating hopper system with quick control
- Heat-treated 12 KE blades made from high-quality German steel offer maximum productivity
- Easy to use hopper system with lighting for continuous work.

MODEL	KE 125
Minimum Power Requirement	80 HP
Working width	1250 hmm
Number of steering wheel wings	12
Quantity of chopper blades	12
PTO	1000 u/min (rpm)
Cutting diameter	4-8 mm
Productivity	40 - 50 y/s

MOWERS & MULCHERS

Toscano Break Away Mower

It is used for pulverizing pieces of post-harvest stems and branches on vineyards, orchards, gardens and small fields. Can be used as weed mower if needed.



Standard features

- Shreds and mixes the unwanted pieces of stems and branches with soil on olive gardens, vineyards and orchards
- With it's sliding hydraulic system, it can be operated close to trees and shreds the wastes of knot and bushes
- Easily shreds the wet plant wastes and stems
- Can be used as plant and stem mower too
- With double side mounting option, it enables the operator to work forwards and backwards

MODEL	800mm	1000mm
Working width (cm)	80	100
Hoe Quantity	3	3
PTO Revolution (rpm)	3000	3000
Weight (kg)	340	360
Sweep Area (degree)	90	90

MOWERS & MULCHERS

Toscano Mulcher Standard

Mulcher is used for pulverizing pieces of post-harvest stems and branches on vineyards, orchards, gardens and small fields. Can be used as weed mower if needed.



Standard features

- Shreds and mixes the unwanted pieces of stems and branches with soil on olive gardens, vineyards and orchards
- With its skid hydraulic system, it can be operated close to trees and shreds the wastes of knot and bushes
- Easily shreds the wet plant wastes and stems
- Can be used as plant and stem mower too
- Universal 3-point CAT II Linkage
- Tractor side 1 3/8" Z6 Spline PTO Gearbox
- 540 rpm PTO Gearbox provides 2000 rpm Rotor Speed
- 12cm height Hammer blades
- 4 Transmission belts; one-point lubrication points for lubrication
- Flat roller with depth adjustment
- Front protection sheets

MODEL	2000	2600	Optional Extra
kW requirements	29-44	44 -59	Mower Attachment: 800mm
Work width (cm)	200	260	Mower Attachment: 1000mm
Total width (cm)	224	284	
Hoe Quantity	20	26	
Weight (kg)	530	624	
PTO (rpm)	540	540	
Shift capacity (cm)	60	60	

MOWERS & MULCHERS

Kverneland 2624 M

Kverneland 2600 M series offers a very reliable performance, easy handling and high output at low power requirements.



Standard features

- BreakBack, flexible suspension, easy lift on headland, fully welded cutterbar
- Top service hubs
- Fully welded cutter-bar with overlapping C-profiles and no risk of oil leakage
- Headland lift: The mower is lifted via the hydraulic cylinder – no need to activate the 3 pt linkage
- 2624M Non-stop breakback ensures maximum protection of the cutterbar if hitting a foreign obstacle
- 2624M can pivot 35° up and down without adjustments
- Round discs rejecting stones and foreign objects, minimising shock load on disc transmission and reduced turbulence advantage in light crops
- The extreme high volume cutterbar has a high oil capacity ensuring a very low working temperature – room for more oil behind the gear wheels
- Long curved teeth and design, ensure a very low noise level and smoother power transmission

MODEL	TA 2624 M
Cutting width (mm)	2400
No. of discs	6
No. of knives	12
Transport width (mm)	1400
PTO	540
kW requirements	65-80

MOWERS & MULCHERS

Kverneland 4336 CR

Trailed Mower Conditioners with Centre Pivot Drawbar.

Including features such as SemiSwing conditioner, low maintenance cutterbar, Super-Float suspension, BX Auto-Swather belt and FlipOver widespreading, Kverneland 4300 series machines are ready to meet every request with exceptional performance.



Standard features

- Cutting grass & lucerne (conditioning)
- Fully welded cutter-bar with overlapping C-profiles
- Round discs helps prevent obstacles getting wedged between the discs
- The TA 4336LR is 3,6m left hand drawbar chevron roller conditioners ideal for working with fragile crops like lucerne and alfalfa
- The machine has a bigger back end for better flow on material, better swath
- The complete front plate is easily swung to the side for unlimited access to the cutter bar
- Top service hubs
- The machine has a swivel gearbox for tight headland turning the gearbox can be adjusted 540 or 1000 rpm

MODEL	4336 CR	Optional Extra
Cutting width (mm)	3600	Kverneland BX 2.4m belt
No. of discs	9	
No. of knives	18	
Transport width (mm)	3400	
PTO	540 + 1000	
Weight (kg)	2230	
kW requirements	75-100	

MOWERS & MULCHERS

Vicon EXTRA 532 & Vicon EXTRA 540

Easy to operate and have a low power requirement which reduces the fuel consumption and therefore allow the mowers to be used with smaller tractors. The Vicon EXTRA 532 and EXTRA 540 have a side-ward adaption which allows a movement up and down of 8.5° to each side – in total 17°.



Standard features

- Fully welded cutter-bar with overlapping C-profiles and no risk of oil leakage, top service hub
- Triangular contra-rotating discs – counter rotating – maximum overlap – three blades per discs for perfect cut – Disc 3000 rpm
- The extreme high volume cutterbar has a high oil capacity ensuring a very low working temperature – room for more oil behind the gear wheels
- Long curved teeth design, ensure a very low noise level and smoother power transmission
- Sideward adaption: Allows movement up and down of 8.5° to each side
- Responsive kinematics: Outstanding ground following ability
- Swivel hitch gearbox is fixed to mainframe – ensure less movement during operation – yet provides unlimited rotation movement – easier to perform sharp turns – standard set for 540 PTO tractors – for tractor with 1000 PTO just turn the gearbox 180°

MODEL	EXTRA 532	EXTRA 540
Working width (mm)	3200	4000
No. of discs	8	10
No. of knives	24	30
Transport width (mm)	3510	3800
PTO	540 + 1000	540 + 1000
Weight (kg)	1060	2000
kW requirements	60-80	75-90

MOWERS & MULCHERS

Kverneland FHP Mulchers

The Kverneland FHP is a new multipurpose chopper for road maintenance, clearing out field edges, ditches and hedges. In addition the FHP shows versatility in operation on grass, light wood and bushes thus being ideal for the maintenance of parks, gardens and road sides.

The Kverneland FHP combines an easy concept with strong construction for excellent field performance. That also means high comfort during operations and maximum reliability in work.

Advantages

- Massive headstock, reinforced parallelogram and robust articulation
- Big working angle, therefore very versatile
- Minimal maintenance
- Solid construction for long working life (double skin)
- High performance rotor (1800 rpm – 14 hammers/meter)
- Self-cleaning rear roller with big diameter (195mm)

MODEL	FHP 155	FHP 185	FHP 200
Working width (m)	1.5	1.85	2.0
Rotor speed (rpm)	1800	1800	1800
Number of hammer blades	20	24	26
kW requirement	35-57	35-57	35-57



MOWERS & MULCHERS

Kverneland FRH 235 Mulcher

The Kverneland FRH is a multi-purpose machine for chopping grass, pasture, set-aside land and stubble. By hydraulic offset the FRH gives you the possibility to clear out field edges, orchards and road edges.

Hammer blades or universal Y blades with short fan blades allow a perfect shredding quality in all conditions.

By offset the FRH can slide 52cm; it is the ideal solution for field and farm maintenances. In addition the wide diameter of the rotor (540mm) guarantees an excellence cut with lower power requirement.

Easy and minimal maintenance make the FRH a profitable chopper.

Advantages

- For tractors up to 160hp
- Heavy construction for a reliable utilization
- Versatile rotor for perfect shredding in all conditions
- Easy operations in the field by hydraulic offset (52cm movements)
- Minimal maintenance, reduction of maintenance costs
- Precise assembly and accurate rotor balancing

MODEL	FRH 235
Working width (m)	280
Weight (kg)	1135
Pto input speed (rpm)	540 / 1000
kW requirement	70-160
Number of hammer blades	36



MOWERS & MULCHERS

Discharge Chute Options

CHUTE OPTIONS

1.55m Side Discharge Chute

1.85m Side Discharge Chute

2m Side Discharge Chute

2.35 Side Discharge Chute



ROTARY TILLER

Toscano Rotary Tiller Garden

Rotovator is a tillage machine mixes the soil from bottom to the surface with the help of horizontally rotating hoes. It is used for preparing seed beds, shredding and mixing plant wastes on small fields, gardens and vineyards.



Standard features

- Universal 3-point CAT II Linkage
- 1 3/8" Z6 Spline PTO Protective Shaft
- 540 Gearbox provides 170rpm Rotor Speed (1 Speed)
- 540rpm Gearbox provides min:157 max:222rpm Rotor speed (4 Speed)
- 7mm thick; C type high quality blades.
- Transmission set with robust gears
- 2 slides
- Adjustable & Flexible back cover
- 36-42-48-54-60 blades; 6 blades per flange; 3 blades on side flanges

MODEL	2150
Power of Tractor	40-51 kW / 55-70 Hp
Work width (cm)	201
Hoe quantity	48
Weight (kg)	476
Cultivation depth (cm)	20

ROTARY TILLER

Toscano Rotary Tiller Standard

Tillage machine that fully crumbles the soil; it maximizes seeds touch to the soil. Since it turnovers the soil; it causes mixing the plant wastes into soil homogeneously. Special blade angles enable tilling with faster speed even on the hard clods. Rippers in front of the machine ensures easier tillage even in harder soils.



Standard features

- Universal 3-point CAT II Linkage
- 1 3/8" Z6 Spline PTO Protective Shaft
- 540-750-1000 rpm Gearbox provides (2150-2400)min151-max343 (2650-2900-3150) min150-max325 Rotor Speed
- 8 mm thick high quality blades
- Cage Roller
- Roller Adjustment Kit
- Transmission Set with Robust Gears
- 2/4 Rippers
- Removable CE Safety Guards
- 48-54-60-66-72 blades; 6 blades per flange; 3 blades on side flanges

MODEL	2900
kW requirements	67-97
Work width (cm)	285
Total width (cm)	305
Hoe Quantity	66
Cultivation depth (cm)	27
Weight (kg)	885
Rip no. (quantity)	2

SLASHERS

Alpler 1.5m Slasher (JXS150) + Alpler 1.8m Slasher (JXS180)

Used for general grass-cutting and slashing work.



Standard features

- Ideal for medium to smaller tractors
- Adjustable cutting height

MODEL	JXS150	JXS180
Type	1.5m slasher	1.8m slasher
No. of blades	4	4
Cutting height (mm)	30-160	30-160
Gearbox (kW)	50-70	60-80

RAKES

Kverneland 9032 Rake

Kverneland offers several compact single rotor rakes, designed for use on low horsepower tractors, but which still deliver considerable working width. Kverneland single rotor rakes offer working widths of 3.20-4.70m. With the option of pivoting, fixed three-point linkage mounting and a trailed version, there is a model to suit all needs. All rakes (except 9442T) have mechanical height adjustment via a crank, with the possibility of adjusting to the individual field conditions.

Advantages

- Compact and light design that can be operated by smaller tractors
- CompactLine gearbox with cam discs and tine arm bearing running permanently in oil
- Curved tine arms for cleaner raking performance and better swath formation
- High number of options are available, such as tandem axles, oscillation dampers and a third wheel



MODEL	9032 Rake
Working width (m)	3.20
Number of rotors	1
Number of tine arms per rotor	9
Tine diameter (mm)	9
Weight (kg)	320

RAKES

Kverneland 9542 Rake

High Capacity Single Rotor Rakes Kverneland 9542 and 9546 are high performance rakes with a drive system designed to last for a long time. The 3-pt headstock allows the rake to follow the tractor around tight curves. The standard boogie wheels offer perfect ground contour following and minimises the amount of dirt that collects in the swath. Kverneland 9542 and 9546 are fitted with hydraulic height adjustment "HydroLift" as standard. The HydroLift allows you to set the rake to different field conditions. From the tractor cab you can quickly set the raking height to suit the length of stubble or varying ground conditions.

Standard features

- Working width of 4.20m and 4.60m
- ProLine oilbath gearbox
- Oscillation dampers for smooth runnings
- HydroLift hydraulic height adjustment
- Boogie wheels for perfect ground contour followings

MODEL	9542 Rake
Working width (m)	4.20
Number of rotors	1
Number of tine arms per rotor	12
Tine diameter (mm)	10
Weight (kg)	640



TEDDERS

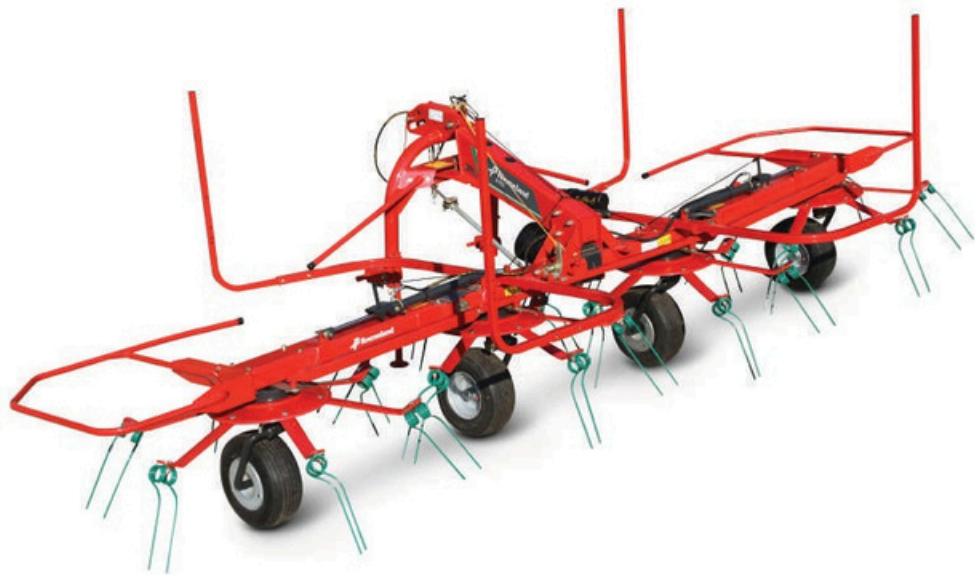
Kverneland 8446 Tedder

Compact and Robust Design Kverneland offers 2 versions of compact tedders with low maintenance requirements and a working-width ranging from 4.60 to 5.20m. Maintenance-friendly features include 500 mm rotor plates and an easy-to-maintain gearbox. Both tedders can be adjusted centrally to move the tedder to the desired position for border tending.

Standard features

- Low maintenance CompactLine gearbox with only one grease nipple
- Compact tedders with low weight and power requirements
- Rotor plate dimension of 500mm
- Double bearings from pinion to crown wheel guarantee maximum longevity of the driveline
- Super-C tines with large spring coil diameter for added service life
- Easy setting of spreading angle through simple three-way adjustment of wheel height

MODEL	8446 Tedder
Working width (m)	4.60
Number of rotors	4
Number of tine arms per rotor	5
Weight (kg)	495



FEEDER MIXERS

Celikel Vertical Feeders

CHARGER Mixer Feeder Wagons have been designed to work with all kinds of feed and to perform mixing without requiring pre-cutting. CHARGER auger system provides super easiness to mix completely fibrous or bale materials and all components that should be mixed. Consequently, it becomes quality and homogenous feed. A homogenous mixture is necessary to completely meet feeding and physiologic needs of your animals.

Advantages

- Anti overflow ring
- Specially designed tungsten carbide coated cutter knives for excellent cutting and fuel save
- Multi optional discharge variation
- Electronic command system (R/F technology)
- Hydraulic brake system on Charger V gives exact results in short distance stop
- ForwardFlow anti blockage system
- Digital weighing scale



MODEL	8.0m ²	12.0m ²	16.0m ²
Number of augers	1	1	1
Number of knives	7/2 (per auger)	7/2 (per auger)	7/2 (per auger)
Bin bottom thickness (mm)	15/5	15/5	20/8
kW requirement	44 (60)	59 (80)	66 (90)



Farming Equipment



Member of the PLENNEGY GROUP

NOTES

Lined area for notes.



Seeding Equipment



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Planters & Seeders

PLANTERS & SEEDERS

Miniair Nova Planter

Planting fine seeds, vegetable planter

Standard features

- Positive agitation for continuous filling
- Improved ground following and stability for precise seed placement
- Modern & functional design with Easy frame height adjustment (no additional cost for lift kit)
- Strong & light
- Easy to set the row width with the new toolbar/headstock design
- Vacuum fan
- Single double row or twin row units available
- Spring adjusted weight on – weight off feature
- Emptying flap for quick emptying the seed hopper
- Spring loaded self aligning cleaning nozzle and scraper for reduced maintenance costs
- Quick Fit Coulter tips

MODEL	Miniair Nova 5
Number of rows	5
Seed spacing (mm)	0.9-43.4
Working width (mm)	2000
Maximum height adjustment (mm)	55-70



PLANTERS & SEEDERS

Kverneland Optima HD + TF Profi Planter

Planting (maize, soybeans, beans, beet).

Standard features

- Power requirements 60 -100 HP
- Central fertilizer hopper
- Tractor oil required 38 l/min close circuit
- Hydraulic fan drive
- 55 liter seed hopper
- Unit with seed 129 kg plus additional spring loading up to 100 kg
- Standard Open gauge wheels (spike wheel on Profi)
- Standard Visus monitor and Trash wheels
- Drive wheel Hydraulically pressed (2 bar pressure)
- Spring loaded intermediate press wheel \varnothing 200 mm with parking position
- Optional external hydraulic drive

MODEL	No of rows	Row spacing	Hopper capacity	kW
HD 4	4	90	1340	65-80
HD 8	8	75	1340	100-130
TF 4	4	90	1340	65-80
HD 6	6	90	1340	70-90
TF 16	16	76	4000	180



PLANTERS & SEEDERS

Kverneland Optima TF Profi E-Drive

Pneumatic precision drill with trailed frame combines utmost precision seeding, high performance and low pulling force. The Optima TFprofi is the perfect combination of high performance and low tractor power requirement. The trailed, foldable frame with eight rows can be equipped with a 2000l fertiliser hopper.

With e-drive II each sowing unit is driven individually via an electric motor. All the data is entered and read by an ISOBUS conform terminal like IsoMatch Tellus PRO or Tellus GO+. The sowing distances are infinitely adjustable on the move. All the sowing units can be switched off individually. This solution saves seeds and money!

Standard features

- Most precise seed application
- Versatility: for all sorts of seeds
- Low power requirement
- High performance up to 5ha/per hour
- Convenient coupling and great manoeuvrability
- Compact and fast on the road



MODEL	Optima TF Profi E-Drive
Working width (m)	6
Number of rows	8
Row width (cm)	70/75/80
HD-II row	•
SX row	•
e-drive / GEOSEED	•
Mechanical drive	•
Central seed hopper SX (l)	870
Mounted fertiliser hopper (l)	2000
Microgranule applicator	•

PLANTERS & SEEDERS

Kverneland U-Drill Plus

The u-drill plus complements the product group of the trailed seed drill combination, u-drill, available in 6.0m folding to carry out seedbed preparation, leveling, reconsolidation, seeding and pressing in one pass. The “plus” stands for the extra feature of the grain and fertilizer version to apply either grain and fertilizer or alternatively, two different sorts of seeds at the same time. This has been achieved by the divided hopper equipped with two metering devices.

The Kverneland u-drill plus is able to deliver fertilizer application rates up to 400kg/ha and 15kph. The pressurize hopper system of the u-drill 6m fold ensures that these rates are maintained even under the most difficult conditions.

MODEL	U-Drill 6001 Plus
Working width (m)	6
Number of CD coulters	48
Hopper capacity (l)	4200
kW requirement (minimum)	120



PLANTERS & SEEDERS

Kverneland ts-drill

The Kverneland tine-seeder ts-drill has been designed to work in extreme conditions i. e. in dry and wet soil. Established in conventional tillage after the plough, it is also perfect for reduced tillage. Straight coulter tips are available to meet the different requirements. ELDOS is the electric driven metering device for Kverneland pneumatic seed drills. It provides state-of-the-art technology for perfect seed placement.

Standard features

- Versatile: ready for conventional and conservation tillage systems
- Ready for extreme conditions as humid soil or high crop residues
- Reliable performance due to well-proven ts-drill tines of high quality spring steel & Kverneland leaf-spring auto-reset overload protection
- Excellent ground countour following due to the wheels mounted in the centre
- Operator-friendly with excellent overview
- Complete control of the machines from the tractor cab on the move
- Environment-friendly with a close centre of gravity saving fuel

MODEL	Kverneland ts-drill
Working width (m) kW requirement	6
Hopper capacity Number of coulters (12.5cm distance)	130/96 1,350 48



PLANTERS & SEEDERS

Kverneland TS Evo Planter

The cost-efficient alternative Various options combined with high performance and a relatively low purchase price make the tine seeder ts-drill a real alternative among crop establishment systems. Especially in extreme conditions for example, humid soil or high straw residues, the advantages of the ts-drill become evident. The intelligent arrangement of the seeding tines over five rows allows the ts-drill to place the seeds accurately into the seedbed. The flexibility of the ts-drill allows its operation after the plough as well as with conservation tillage. Plug & Play! Using an industrial standard, the machine is connected directly with the ISOBUS terminal of the tractor. With the easily accessible new metering device Kverneland are setting new standards.

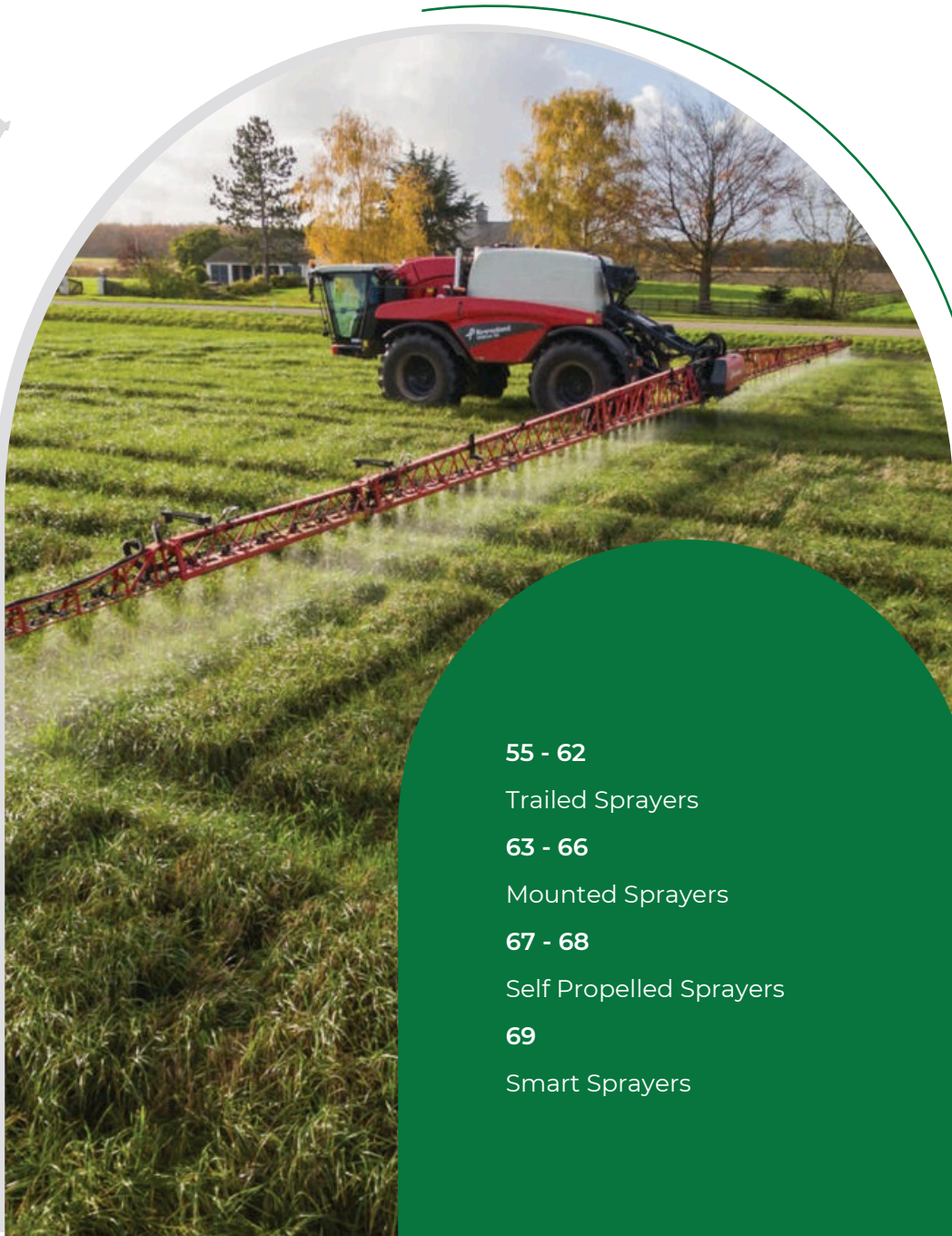
Advantages

- Easy handling
- Wide range of equipment
- Easy and quick calibration with ELDOS
- Ready for extreme conditions as humid soil or high crop residues
- Well-proven ts-drill tines made of high quality spring steel fitted with the Kverneland leaf-spring auto-reset overload protection
- Wheels mounted in the center for excellent ground contour following

MODEL	4.8m
Number of auto reset seeding tines	38
Number of tine rows	5
Row distance (mm)	125
Hopper capacity (l) / with extension	1350
IsoBus	No
kW requirement	90-120



Spraying Equipment



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Trailed Sprayers

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Mounted Sprayers

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Self Propelled Sprayers

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Smart Sprayers

TRAILED SPRAYERS

Kverneland iXtrack T3 Sprayer

The iXtrack T3 trailed sprayer is developed with focus on a short, low and compact design in combination with intelligent electronics and ease of use. The iXtrack T3 sprayer offers tank sizes of 2600 and 3200 litres.

Advantages

- **Stability:** The 32 degree steering angle and 3.6m turning radius makes the iXtrack T3 very flexible and solid.
- **Ease of use:** The iXtrack T3 sprayer technology ensures that spraying is done in the most easy and efficient way. Maximising output, but keeping features easy to work with.
- **Precision spraying:** Equipped with a smooth, suspended parallelogram. The parallelogram combines optimal stability with soft boom balancing and limited vertical movement to minimise spray height deviations.
- **Intelligent electronics:** 100% ISOBUS compatible as standard, easy plug and play with the IsoMatch Tellus GO+ or PRO or any other AEF certified terminal. The iXspray hardware and software with intuitive touch interface guarantee an user friendly operation.
- **Liquid management:** The position of the tanks, hoses, valves and drains is optimised to minimise rest liquid.
- **Connectivity:** The first step into the world of connectivity with our IsoMatch applications. Connect yourself easily to your machine with IsoMatch FarmCentre, IsoMatch TopService or IsoMatch TopRemote.

MODEL	iXtrack Essential	iXtrack T3
Tank capacity (l)	3200	3200
Spray boom	HSS 24m	HSS 24m
Drawbar	Top- or hitch linkage in combination with pulling eye or ball coupling	Top- or hitch linkage in combination with pulling eye or ball coupling
Wheel axle	Adjustable, 1.50 - 2.25m	Adjustable, 1.50 - 2.25m
Pumps	260 l/min.	260 l/min.
Clear water tank	340 litres	340 litres
Regulation systems	IsoMatch Grip in combination with IsoMatch Tellus PRO, IsoMatch Tellus Go+ or any other ISOBUS terminal	IsoMatch Grip in combination with IsoMatch Tellus PRO, IsoMatch Tellus GO+ or any other ISOBUS terminal
Valve set	iXclean manual	iXclean Pro
Boom hydraulics	Hydro Pack Comfort 1, two part folded	Hydro Pack Comfort 3, two part folded - in combination with Boom Guide Pro
Spray line	Standart 7 sections	Standard 7 sections
ISOBUS	IsoMatch Tellus GO+ for NON-ISOBUS tractor, including iM Power. IsoMatch Global 2 receiver	Sprayer is ISOBUS ready. ISOBUS terminal package is not standard, can be added additionally



TRAILED SPRAYERS

CarraroSpray - Rainbow

For pesticides treatments in canopy and orchards with gentle slopes. Can be used in rows of 2.2m to 3.5m with vegetation height over 2.5m

Standard features

- Polyethylene Tank
- Hand Wash Tank 15L
- Jet agitation with perforated rod
- Complete external pre-mixer
- Suction filter 2" with valve, Self wash batch filter in pressure regulator
- 2 Speed Gearbox with Neutral
- Centrifuge clutch on fan
- 3-Way valve to wash the system
- Electronic Control DX SX + Electric Pressure (VRPM)

MODEL	1000L Rainbow
Nominal tank capacity (l)	1000
Fan diameter (mm)	800
Wheel set	10.0/80-12
Pump	APS96
Air flow m ³ /h	55m/sec
Number of nozzles	5+2



TRAILED SPRAYERS

CarraroSpray - ATP EX

For Pergola, Canopy, Espalier Vineyards and Orchards.

Standard features

- Polyethylene Tank
- Hand Wash Tank 15L
- Fresh water tank for sprayer cleaning of chemical residues
- Jet agitation
- Fan housing with axial fan
- Top wings to adjust air flow to the vegetation
- 2 Speed Gearbox with Neutral
- Double nozzles with anti-drip device, filter and ceramic tips
- Fans with adjustable blades
- Nozzle manifolds in Stainless Steel
- Electric Remote Control ARAG AT 2 W + VRPM

MODEL	1000L	1500L
Nominal tank capacity (l)	1000	1500
Fan diameter (mm)	800	900
Wheel set	10.0/80-12	10.0/ 75-15.3
Pump	APS121	APS121
Air flow m ³ /h	34000-47000	34000-47000
Number of nozzles	7+7	8+8



TRAILED SPRAYERS

CarraroSpray - NTV PL

For Pergola, Canopy and Vineyards.

Standard features

- Hot galvanised steel frame
- Stainless Steel tank with liquid level gauge
- 2 Speed Gearbox with Neutral
- Manifold in Stainless Steel
- Jet agitation
- Manual remote control
- Clean water tank for hand washing
- Fresh water tank for cleaning of chemical residues
- Clevis Drawbar

MODEL	NTV PL 800L
Nominal tank capacity (l)	800
Fan diameter (mm)	400
Wheel set	P205/60 R15
Pump	SPE 40
Number of nozzles	4+4



TRAILED SPRAYERS

CarraroSpray - Q Wector

For pesticide treatment in espalier vineyards and orchards, bread palm with flat and gentle slopes. Rows from 2.2m to 4m with vegetation height of up to 4m.

Standard features

- Hot galvanised steel frame
- Polyethylene Tank
- Hand wash tank 15L
- 2 Speed Gearbox with Neutral
- Jet Agitation
- Connection for Spray Gun
- Anti-drift tower
- Excludes Mudguards and External Mixer

MODEL	Q Wector 3
Nominal tank capacity (l)	1600
Fan diameter (mm)	800
Wheel set	10.0/ 75-15. 3
Air flow m ³ /h	38500-595000
Pump	APS145
Number of nozzles	8+8



TRAILED SPRAYERS

CarraroSpray - Proteus

For pesticide treatment in espalier, Pergola, vineyards and orchards. Rows 2m to 5m with vegetation height of over 5m.

Standard features

- Polyethylene Tank
- Mixer on tank cover
- Clean water tank for hand washing 15L
- 48L washing tank on basket
- Jet agitation
- Washing tank in Stainless Steel
- Octagonal conveyor
- 2 Speed Gearbox with Neutral
- Centrifuge clutch on fan

MODEL	Proteus
Nominal tank capacity (l)	600
Fan diameter (mm)	900
Control	Electric DX SX Manual Pressure
Air flow m ³ /h	45000-70000
Pump	IDS1201
Number of nozzles	7+7



TRAILED SPRAYERS

CarraroSpray - ZEN

Tower diffusor with rear suction in in raised position and rectangular distribution of flow to guarantee optimal covering of vegetation adopting focused nozzle.

Standard features

- Vertical anti-drift conveyor
- Variable geometry and rear suction
- In high position for big espallier vineyards and big orchards

MODEL	1600L	2100L
Nominal tank capacity (l)	1600	2100
Length (mm)	3720	3720
Width (mm)	1400	1400
Height (mm)	2230	2305
Weight (kg)	900	930
Pump	IDS 1501	IDS 1501



TRAILED SPRAYERS

Andreoli ECO

ECO VAC is the series of trailed sprayers for the professional management of the chemicals applications on all types of orchards.

The new range of VAC blowers, fully in stainless steel, is equipped with an innovative high efficiency air correction system that eliminates completely the swirl and allows an even and symmetrical application, a very strong penetration into the vegetation, the best resistance to the wind and low drift.

VAC has a large front suction, ensuring a clean application, avoiding re-circulation of chemicals mist and suction of leaves and dust.

VAC 896 Mini target - Suitable for vineyards & fruit orchards

- Fan diameter 896 mm with 12 blades and variable pitch, Blower Air Outflow 105 000 m³/h
- Low tower shape, lateral orientation of the air outlet
- Blower air outflow 105000 m³/h
- Low tower shape
- Lateral orientation of the air outlet
- Adjustable flaps in the top

VAC 997 - Suitable for avo, walnuts & fruit orchards with dense vegetation

- Fan diameter 997 mm with 12 blades and variable pitch
- Blower air outflow 152000 m³/h
- 11+11 double no-drip nozzles on front rings

MODEL	896 Mini Target	896 Mini Target	2000 896 HF	3000 896 HF	2000 997 Avo	3000 997 Avo
Capacity (l)	2000	3000	2000	3000	2000	3000
Pump	IDS 220	IDS 220	IDS 220	IDS 220	IDS 220	IDS 220
Fan diameter (mm)	896	896	896	896	997	997
Number of blades	12	12	12	12	12	12
Weight (kg)	3010	4315	3010	4315	3010	4315
kW requirement	45-65	45-65	45-65	45-65	45-65	45-65



MOUNTED SPRAYERS

Andreoli 800L VAC 896 Mounted

Standard features

- Polyethylene tank, capacity 600 or 800 liters, external level gauge visible from tractor, rinse tank, hand-wash tank
- Steel chassis, completely hot-galvanized
- Tank mixer
- M60 Gearbox, 2 speed + neutral
- Electric pressure regulator + 2 electric valves for nozzle sections
- Pump 4 diaphragms, COMET IDS 2001 pump 185 l/min, 50 bar

MODEL	896 Mounted VAC
Nominal tank capacity (l)	800
VAC Blower	896
Number of nozzles	7+7
kW requirements	50-70



MOUNTED SPRAYERS

Kverneland iXter B & iXtra

The Kverneland iXter B mounted sprayer is the fruit of years of research and development in close collaboration with farmers: this is today the most advanced mounted sprayer range with focus on user friendliness and environmental protection. With iXflow-E individual nozzle control and a completely new iXspray hardware and software platform Kverneland can offer a high tech mounted sprayer with a high level of user friendliness for the professional farmer segment.

- **Stability:** The HC spray boom has a triangular construction and anti-yaw system which allows high speed spraying in difficult conditions. The Boom Guide Pro spray height control system has the option for 5 sensors. Not only the additional sensor on each side of the boom is providing extra safety, it is also offering the possibility to keep Boom Guide active during a partly folded in boom or for a reduced working width.
- **Ease of use:** The iXter B sprayer range is designed with focus on ease of use, intelligent electronics and environmental protection to grow the best crops.
- **Precision spraying:** The suspended boom lift on the iXter B combines optimal stability with soft boom balancing and limited vertical movement to minimise spray height deviations, securing correct crop coverage.
- **Intelligent electronics:** The iXter B mounted sprayer range in combination with iXspray is fully ISOBUS compatible as standard, which means easy plug and play with the IsoMatch Tellus GO+ or PRO or any other AEF certified terminal. The innovative iXspray hardware and software with intuitive touch interface guarantees an user friendly operation of the sprayer.
- **Liquid management:** The iXter B mounted sprayer range has specific features that make the sprayer easy to fill exact and clean thoroughly to save costs and minimise the impact on the environment at the same time. The choice can be made between manual control of the EasySet control panel, iXclean Comfort for semi-automatic control or iXclean Pro fully automatic valve management system. A new feature is the iXflow-E spray line recirculation system which is available with electric controlled nozzles.
- **Connectivity:** The first step into the world of connectivity with our IsoMatch applications. Connect yourself easily to your machine with IsoMatch FarmCentre, IsoMatch TopService or IsoMatch TopRemote.

MODEL	iXter B
Nominal tank capacity	1800 litres
Maximum tank capacity	2000 litres
Chemical inductor	30 litres
Clean water tank	180 litres
Hand wash tank	18 litres
Pumps	260 (l/min)
Regulation systems	FMC / IsoMatch Grip in combination with IsoMatch Tellus PRO, IsoMatch Tellus GO+ or any other ISOBUS terminal
iXclean	iXclean Pro
Boom hydraulics	Hydro Pack Comfort 2 for a HC boom 24 metres 4 part folded in combination with Boom Guide Pro
Sprayline	Controller for iXflow-E (individual nozzle control)
IXTRA	1100L nominal volume



MOUNTED SPRAYERS

CarraroSpray Mounted

Standard features

- Reinforced steel frame: Frame is protected from damage
- Hot galvanized steel frame: Total absence of rust
- Polyethylene tank, reinforced: Better resistance to stress, vibrations and bumps
- Rounded tank design: Easy to clean, good manoeuvrability and easy to operation narrow and low spaces without damaging crop
- Tank designed to facilitate complete emptying: Total suction of the spray material even on inclined terrain - saves money on chemicals
- Clean water tank for hands washing: In accordance with CE rules, total absence of chemicals in water for hand washing
- Fresh water for cleaning and spraying system: Easy washing of residue from the reservoir, spraying tubing and nozzles at the end of every treatment
- Extra cock valve: Useful for lance or other optional attachments
- Jet agitation: Uniform mixture of the product
- Modern design: Attractive lines and profile; easy to transport
- Highly visible safety stickers: Reduced risk of accidents for the operator
- Anti-drip nozzles: Pressure operated diaphragm check valve in each nozzle avoids leaking chemicals on the soil and saves money and the environment

MODEL

600L Mounted

800L Mounted



MOUNTED SPRAYERS

CarraroSpray - Rainbow

For Pesticides treatments in espalier vineyard, pergola, canopy and orchards. Can be used in rows of 2.0m to 2.5m

Standard features

- Stainless Steel Frame
- Polyethylene Tank
- Hand Wash Tank 15L
- Jet agitation
- Suction filter
- 2 Speed Gearbox with Neutral
- Head with 3 adjustable central cannons and 4 lateral
- Anti-Drip Nozzles
- Manual control 1 Lever DX SX + Manual Pressure
- 2-Ways ARAG

MODEL	400L Rainbow
Nominal tank capacity (l)	400
Fan diameter (mm)	500
Pump	APS71
Air flow m ³ /h	55m/sec
Number of nozzles	5+2



SELF-PROPELLED SPRAYERS

Andreoli Atom 2000L

ATOM 2000 is a self-propelled sprayer for the professional management of spraying operations.

ATOM 2000 ensures high performances, total driver safety and very good driving comfort, even under very low canopy and in steep conditions.

Standard features

- Compact dimensions
- Very low profile (down to 138 cm cab included)
- Powerful blower system
- Cab with Category 4 top level protection
- Very good driving comfort

MODEL	896 Mini Target	997 Avocado
Fan diameter (mm)	896	997
Number of blades	12	12
Air outflow	105000 m3/h	152000 m3/h
Number of nozzles	9+9	11+11



SELF-PROPELLED SPRAYERS

Andreoli Atom 4000L

ATOM 4000 is the top-range self-propelled sprayer designed for large orchards. The ATOM 4000 ensures top performances and best driving comfort in spraying operations.

Standard features

- Big tank capacity 4000 liters
- Powerful engine and transmission
- Powerful blower system
- Large roomy cab for best driving comfort
- Cab with Category 4 top level protection
- Combined suspensions systems hydraulic / pneumatic
- Thanks to its big tank capacity and autonomy, maneuverability, powerful blower system and driving comfort, ATOM 4000 safely performs spraying operations at high speed in all conditions.

MODEL	4000L
Capacity (l)	4000
Length (m)	5.97
Width (m)	2.15
Height (m)	2.28
Turning radius (m)	3.7
Weight (kg)	5600



SMART SPRAYER

WAATIC Kit

Smart control system for crop protection applications.

Standard features

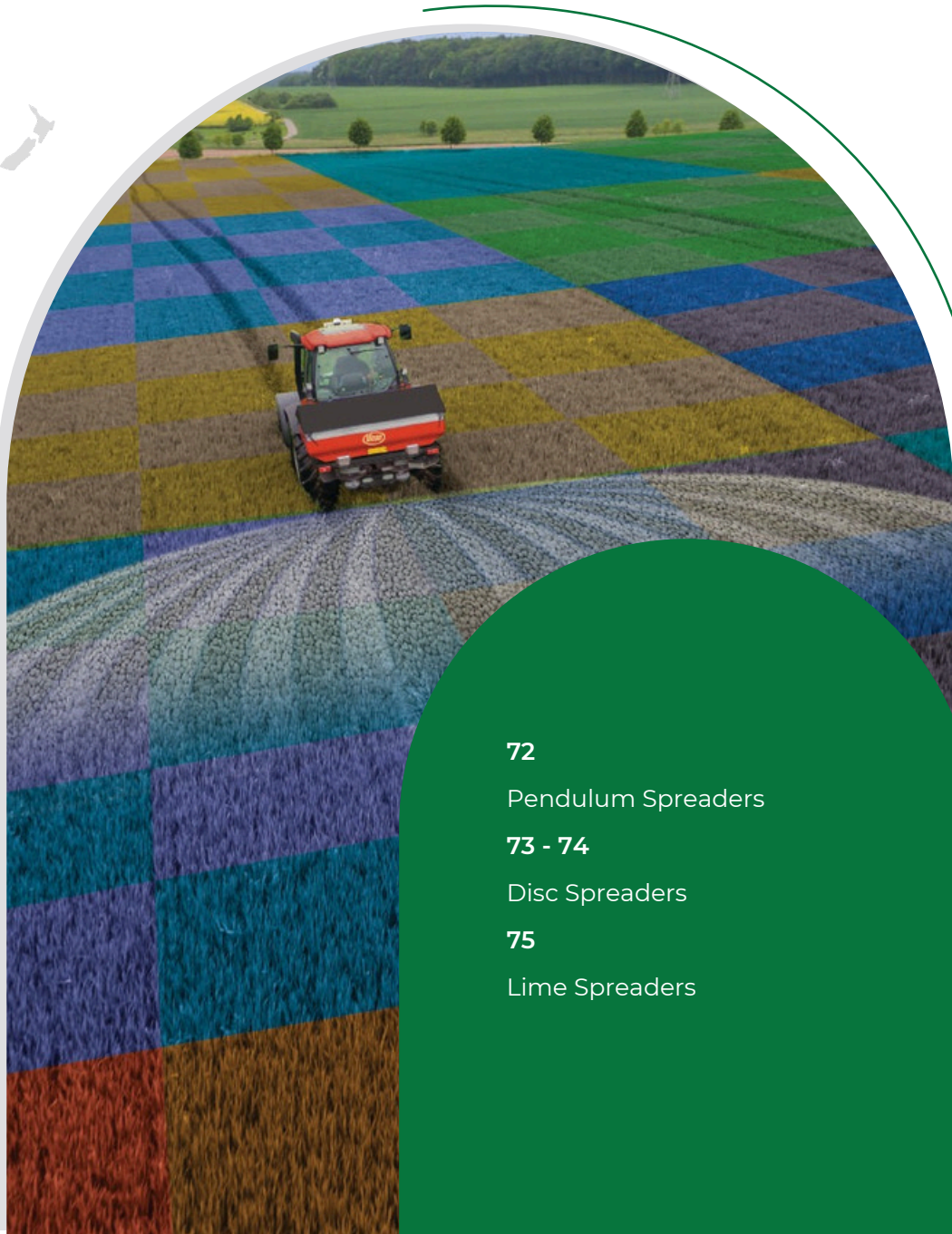
- Work without mobile connection
- View the dose per hectare
- Automatic pressure adjustment according to advance speed
- Real time view of going applications
- End of row detection. Waatic automatically stops the dosage on the opposite turn side
- Sonar connection: Automatic dosage for isolate trees
- Control of operational costs
- Special module for big plantations or service companies

MODEL

WAATIC Kit



Spreading Equipment



72

Pendulum Spreaders

73 - 74

Disc Spreaders

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Lime Spreaders

PENDULUM SPREADERS

Vicon Pendulum Spreaders

Especially Designed For Orchards

The PS403 VITI spreader version with only 115 cm hopper width has been designed for spreading in orchards. With a hopper capacity of 400, its ideal to use in orchards.

Advantages

- SuperFlow spreading system
- Easy setting of the application rate
- A wide range of spreading spouts

Popular for General Farm Applications

The Vicon PS 604 pendulum spreader is the first choice wherever the demand is for maximum spreading quality and ease of operation. Spreading along field edges and tram line border spreading is no problem at all.

Advantages

- SuperFlow spreading system
- Easy setting of the application rate
- A wide range of spreading spouts
- Border spreading is made easy!



MODEL	PS 403 Viti	PS 604 STD	PS 604 BAND
Hopper capacity (l)	400	600	600
Filling height (mm)	890	960	960
Spreading width (mm)	1-12m	1-14m	2-10m
Pto speed (rpm)	540	540	540
kW requirement	38	45	45

DISC SPREADERS

Kverneland Disc Spreaders



The **Kverneland Exacta CL** mounted spreader is medium in size and volume, but combines high performance, precise spreading in all weather conditions, easy adjustments and intelligent output in one machine. This disc spreader has a hopper capacity between 1100 -2000 litres and comes with the CentreFlow system as standard which can spread up to 28 metres. It also comes with 8 vanes per disc for the same spreading quality as the bigger disc spreaders.



The **Kverneland Exacta CL GEOSPREAD** is the ideal spreader for arable farmers and professional dairy farmers. The GEOSPREAD system does section control with sections of only 1 metre. With a maximum of 33 sections and the possibility to switch sections over the middle, unnecessary overlap is set to an absolute minimum. The 4 load cells and reference sensor on the Kverneland Exacta CL GEOSPREAD spreader are important features as with section control accurate weighing is essential. The total benefit of GEOSPREAD combined with speed related spreading and GEOPOINT headland management can be up to 15%. This can be achieved by saving fertiliser and better yields, because of unnecessary overlap.



The Vicon **RO-XL** with volumes up to 3900 liters and with a maximum spreading width of 54 meters is the perfect spreader for more capacity. With dual PTO input shafts on the center gearbox, it is easier to always drive at the desired speed and in combination with the 'slow rotating' agitator system, the Vicon RO-XL spreader can spread with high disc speeds to get a very even spreading pattern.



With Kverneland **Exacta TL GEOSPREAD** you will get a perfect spreading result! The GEOSPREAD system does section control with sections of only 1 metre. With a maximum of 54 sections and the possibility to switch sections over the middle, unnecessary overlap is set to an absolute minimum. The 4 load cells and reference sensor on the Exacta TL GEOSPREAD are important features as with section control accurate weighing is essential. The total benefit of GEOSPREAD combined with speed related spreading and GEOPOINT headland management can be up to 15%. This Kverneland Exacta TL GEOSPREAD spreader is ISOBUS compatible and AEF certified. You can operate the spreader in combination with the IsoMatch Tellus PRO, IsoMatch Tellus GO+ or any other ISOBUS compatible tractor terminal.

MODEL	Exacta-CL 1100	KUM ROM-GEOSPREAD Exacta-CL GEO 1300	RO-XL 1500	RO-EDW GEO Exacta TL GEO
Hopper capacity (l)	1100	1300	1500	1875
Filling height (mm)	100-119-138	113	1100	110-129-148-167
Spreading width (m)	10-28	10-33	12-54	12-54
PTO speed (rpm)	540	540	410-570	540
kW requirement	70-90	50 - 70	44	70 - 90

DISC SPREADERS

Vicon Disc Spreader Options

SPREADER OPTIONS

PS ED II Hydraulic Computer

450L Extension (Kverneland EXACTA CL 1100)

500L Extension (Kverneland EXACTA CL 1300 Geospread)

650L Extension (Kverneland EXACTA TL 1875 Geospread / ROXL 1500)

675L Extension (Kverneland EXACTA TL 1875 Geospread/ ROXL 1500)

Hopper Cover (Kverneland EXACTA CL 1100)

Hopper Cover (Kverneland EXACTA CL 1300 Geospread)

Hopper Cover (RO-XL 1500)

Hopper Cover (Kverneland EXACTA TL 1875 Geospread)

Manual Border Spreading Plate (Kverneland EXACTA CL 1100)

Manual Border Spreading Plate (Kverneland EXACTA TL 1875 GEO)

Hydraulic Border Spreading Plate (Kverneland EXACTA CL 1300 GEO)

Hydraulic Border Spreading Plate (Kverneland EXACTA TL 1875 GEO)

Central Hydraulic Drive

Isomatch iM Tellus Go+

BB IM Global2 Antenna

Spreader Sidestep Ladder

Rolling Device



LIME SPREADERS

Alpler Trailed Lime Spreaders

Trailed Lime spreaders.

Standard Features

- Accurate spread pattern
- Simple and easy to operate ground drive or hydraulic drive machines
- 730mm Floor feed width
- Tachometer included
- Inspection window and ladder

MODEL	CSR 20
Lime capacity (l)	22.5
Ground wheel / hydraulic drive	Hydraulic
Axle	Tandem
Removable drawbar	Yes
Adjustable drawbar height	Yes



