

Mechanical Seed Drills



EcoLine, ProfiLine and MasterLine

EcoLine

Lightweight and Accurate



Ideal for small and medium-sized farms, the EcoLine drill can be operated either as a solo machine behind the tractor or in combination with a tined cultivator, power harrow or Rotavator. The lightweight nature of the EcoLine drill (3m model = 499kg) makes it particularly suitable for smaller tractors, and due to the fact that the hopper forms part of the frame the construction of the drill is very robust. Possible row spacing 10, 12, 13, 14 or 16 cm.

Equipped with

Suffolk coulters (EU) or single disc coulters (ER). The use of ER coulters with depth control skids is recommended for optimal adjustment of sowing depth.

Features

- Excellent flow of soil and residues through the coulter bar.
- Accurate seeding precision regardless of coulter position.
- Highly even germination through exact seed depth placement.
- Accurate and reliable metering system drive from tractor pattern 7.00X12 tyres.
- Coulter pressure is adjustable manually by crank handle (std) or hydraulically (optional)
- Electronic tramlining and hydraulic marker arms (optional).
- Pre-emergence markers facilitate plant protection before germination (optional).
- Sieves prevent seed contamination (optional)
- Integrated toolbox for storage of tools, spare parts etc



Suffolk coulters (EU).



Wing-Flow following harrow.



Single disc coulters (ER).



Vario-K gearbox for stepless adjustment of application rate.



Quick hitch for easy coupling.



Tractor profile tyres including scraper.



Technical specifications

	EcoLine 250	EcoLine 300
Working width, cm	250	300
Transport width, cm	250	300
Weight without rear harrow, kg (approx)	465	508
Height, cm	139	139
Filling height, cm	128	128
Hopper volume, litres	446	556
Hopper capacity, kg wheat	334	417
Number of Suffolk coulters	17/19/21	19/21/23/25/29
Number of single disc coulters	17/19	19/21/23
Number of coulter rows	2	2
Distance between rows, cm	33	33
Drive	Stepless gearbox	Stepless gearbox
Seed wheels	Pegged rollers	Pegged rollers
Tyres	7.00X12	7.00X12

Options

- Remote seed rate adjustment
- Hydraulic markers
- Pre-emergence markers
- Tramlining computer
- Hopper sieve 17 mm
- Grass seed box
- Fertiliser box
- Adjustable hydraulic coulter pressure

ProfiLine

High capacity All-rounder



A real universal and versatile seed drill, ideal for professional farmers. The ProfiLine is available in working widths of 3, 4 and 4,5 m and with a hopper volume of up to 1200 l makes it suitable for medium and large-scale farming operations.

A weight-saving feature of the ProfiLine is that the hopper forms part of the frame of the drill, but without sacrificing strength and rigidity.

Possible row spacing 10, 12, 13, 14 or 16 cm.

Equipped with

Suffolk coulters (EU), single disc coulters (ER) or double disc coulters (DR). For optimal adjustment of drilling depth the DR coulters together with rubber press wheels is recommended.

Features

- Operates as a solo machine behind the tractor or in combination with a tined cultivator, power harrow or Rotavator.
- Accurate seeding precision regardless of coulters position.
- Highly even germination through exact seed depth placement.
- Accurate and reliable metering system drive from large wheels 6.00X16 or 10/80X12 tyres.
- Integrated toolbox for storage of tools, spare parts etc.
- Coulter pressure is adjustable manually by crank handle (std) or hydraulically (optional).
- Even distribution of straw residues and even seed covering with optional following harrow.
- Fine seed and fertilizer hoppers (optional).
- Pre-emergence markers facilitate plant protection before germination (optional).
- Sieves prevent seed contamination (optional).



Double disc coulters (DR) with rubber press wheels.



Heavy duty frame construction.



Accurate and reliable metering system driven by large wheels.



Pre-emergence markers.



Fine seed fingers for reducing the application rate.



Hydraulic drill linkage for mounting the seed drill on cultivator.



Technical specifications

	Profiline 300	Profiline 400	Profiline 450
Working width, cm	300	400	450
Transport width, cm	312	419	469
Weight without rear harrow, kg (approx)	728	908	970
Height, cm	146	146	146
Filling height, cm	135	135	135
Hopper volume, litres	741	1052	1201
Hopper capacity, kg wheat	555	789	900
Number of Suffolk coulters	21-25-29	33	37
Number of single disc coulters	21-23	31	35
Number of double disc coulters	21-23	31	35
Number of coulters rows	2	2	2
Distance between rows, cm	33	33	33
Drive	Stepless gearbox	Stepless gearbox	Stepless gearbox
Seed wheels	Pegged rollers	Pegged rollers	Pegged rollers
Tyres	6.00 X 16	10/80 X 12	10/80 X 12

Standard

- Hydraulic markers

Options

- Remote seed rate adjustment
- Pre-emergence markers
- Hopper sieve 17 mm
- Grass seed box
- Tramlining computer
- Adjustable hydraulic coulters pressure

MasterLine

Excellence with Superior Performance



The perfect drill for combination with Seedbed preparation implements, the MasterLine range comprises working widths of 3 and 4 m. A hopper volume in excess of 1000 ltr (4m model) gives it outstanding capacity and in-field performance.

With the hopper forming an integral part of the frame, the MasterLine range combines low weight with strength and stability.

Possible row spacing 10, 12, 13, 14 or 16 cm.

Equipped with

Suffolk coulters (EU), single disc coulters (ER) or double disc coulters (DR). For optimal adjustment of drilling depth the use of ER or DR coulters together with rubber press wheels is recommended.

Features

- Precise depth control from packer roller.
- Fast and safe lifting operation: when raised the centre of gravity of the drill is very close to the tractor.
- Excellent flow of soil and residues through the coulter bar.
- The large diameter land wheel maintains a positive and slippage-free drive to the metering system.
- Accurate seeding precision regardless of coulter position.
- Even distribution of straw residues and even seed covering with optional following harrow.
- Integrated toolbox for storage of tools, spare parts etc.
- Pre-emergence markers facilitate plant protection before germination (optional).
- Sieves prevent seed contamination (optional)



The weight of the drill is carried on the packer roller of the cultivator.



Sieve for seed hopper.



Easy filling of seed hopper from big bag.



Double disc coulters (DR).



Integrated toolbox for storage of tools, spare parts etc.



Stepless adjusting of application rate direct from tractor cabin.



Technical specifications

	MasterLine 300	MasterLine 400
Working width, cm	300	400
Transport width, cm	300	400
Height, cm	166	166
Weight without rear harrow, kg (approx)	815	1025
Hopper volume, litres	741	1052
Hopper capacity, kg wheat	555	789
Number of Suffolk coulters	24-25-29	33-37
Number of single disc coulters	23	31
Number of double disc coulters	24	32
Number of coulters rows	2	2
Distance between rows, cm	34	34
Drive	Stepless gearbox	Stepless gearbox
Seed wheels	Pegged rollers	Pegged rollers

Options

- Remote seed rate adjustment
- Pre-emergence markers
- Hopper sieve 17 mm
- Grass seed box
- Half-width shut off
- Tramlining computer
- Adjustable hydraulic coulters pressure
- Hydraulic markers



Seed Drill Technic

In the European market the lion's share among seed drills is at a working width of 3m. Only working widths above 4,5 m make the choice of pneumatic drills with a central hopper preferable, while widths from 2,5 to 4,5 m can be combined with seedbed-preparation implements in an optimal way.

KONGSKILDE mechanical drills rely on decades of experience in design and manufacturing technology.

Today they are produced by latest technologies at highest quality – standards.

The KONGSKILDE - series EcoLine, ProfiLine and MasterLine offer always the right specification to all requirements and farm-sizes.

Three different types of coulters make the machines suitable to all kind of soils and every intensity of seedbed-preparation.

EcoLine and ProfiLine can be used as a solo-machine or together with an "up and over"-lift behind compact-harrows or power-harrows. Where as MasterLine is the perfect build-on seeddrill for use on big farms or by contractors.

All series can perfectly be completed by a wide range of optional equipment, which also can be retrofitted even after years of use.