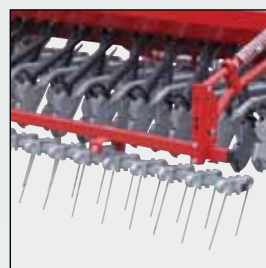
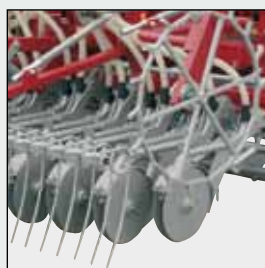




KONGSKILDE

NCS 1100-2100-3100-4100-5100

CS-CSA



Demeter Classic CS

Kongsild Demeter Classic is a traditional seed drill with wheels, in working widths of 3.0 and 4.0 m. The seed drill can be used 'solo' or in combination with a power harrow or a compact harrow.

There is good access to the seed hopper, which has a wide edge for bags, and a lid which folds to the rear and down.

The transmission is based on the stepless Vario-K gearbox. The gearbox ensures a constant drive of the seed shaft even at low speed. The gearbox is driven by the 'treaded' tyres, which helps to obtain good traction.

The feeding is carried out by the Vario-Plus seed wheel, which has a narrow seed wheel in the middle for small seeds. Changing from small seeds to normal grain is done easily by a small key. Demeter Classic CS is available with Euro suffolk coulters or single disc coulters.

The coulters pressure can be adjusted centrally by a spindle in front of the seed hopper.

A choice of rear following harrow is available with either a longfinger type or the Wing Flow type. Both types are attached by parallelograms ensuring an even and level surface after drilling.



CS 3000

Demeter Classic CS

Technical specifications	CS 3000	CS 4000
Working width, m	3.0	4.0
Transport width, m	3.0	3.0
Height, m	1.29	1.31
Filling height, m	1.23	1.25
Hopper volume, litres	490	710
Hopper volume, kg wheat	370	535
Number of EU coulters	25/29	35
Number of ER coulters	25	35
Number of rows	2	2
Distance between coulter rows, cm	30	30
Weight empty with EU + longfinger	510	730
Transmission	Vario-K	
Seeding system	Peg rollers	
Remote adjustm. of seed rate on the move	Optional	
Standard tires	6.00-16	10.0/75-15
Markers to vertical	Yes	Yes



Steeple adjusting of application rate with Vario-K gearbox.



Euro suffolk coulters (EU).



Wheels 6.00-16 (CS3000) or 10.0/75-15 (CS4000).



The coulters pressure is adjusted centrally by a spindle.



Seed hopper with wide edge for placing bags.

Demeter Classic CSA

The Demeter Classic CSA can be used in drill combinations in working widths of 3.0 and 4.0m. The seed drill is designed for mounting on power harrows or compact harrows.

Demeter Classic CSA is a relatively light implement, where the point of gravity is very close to the tractor. It helps to reduce the demand for load capacity and tractor size.

From the platform there is easy access to the seed hopper, which can be filled with big bags, as the lid folds back and down behind the seed hopper.

The landwheel is placed on the right hand side inside the working width driving the Vario-K gearbox.

The feeding to the two rows of seed coulters is carried out by the Vario-Plus seed wheel. The Vario-Plus seed wheel in combination with the Vario-K gearbox can precisely meter out seed rates from 0.5 - 400 kg/ha. The Demeter Classic CSA seed drills are like all the other lift-mounted seed drills, powder painted, which gives a very strong and uniform surface, resulting in long durability.



CSA 3000

Demeter Classic CS

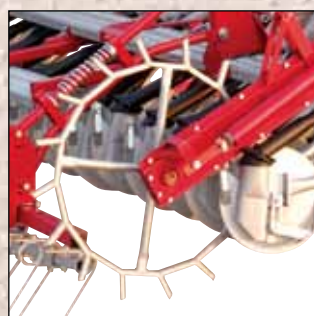
Technical specifications	CSA 3000	CSA 4000
Working width, m	3.0	4.0
Transport width, m	3.0	3.0
Height, m	1.74	1.74
Filling height, m	1.68	1.68
Hopper volume, litres	440	600
Hopper volume, kg wheat	330	450
Number of EU coulters	25/29	35
Number of ER coulters	27	35
Number of rows	2	2
Distance between coulter rows, cm	30	30
Weight empty with EU + longfinger	500	785
Transmission	Vario-K	
Seeding system	Peg rollers	
Remote adjustm. of seed rate on the move	Optional	
Hydraulic markers to vertical	Yes	Yes
Declutching half working width	Yes	Yes



Combi seed wheels for large and small seeds.



Single disc coulters (ER).



Land wheel within working width.



Centre of gravity close to tractor.



D-01 is used for controlling tramlinig.

NCS 1100 / NCS 2100

The wheel driven mechanical seed drills from Kongskilde type NCS, are available in 2 ranges, NCS 1100 in 2.5 and 3.0 m working width and NCS 2100 in working widths of 3.0 - 4.0 and 4.5 metres.

The seed hopper is, on both ranges, a major part of the carrying construction, which gives a light, but strong design.

The metering is adjusted by the stepless Vario-K gearbox, which ensures an even and precise feeding. From the peg-wheels the seeds are distributed through tri-section telescopic tubes down to the coulter houses, where the seed coulters place the seed at the required seeding depth.

The geometry of the design ensures both front and rear coulter sections receive even coulter pressure. This fact helps to achieve a uniform seeding depth, resulting in an even germination of the crop.

The coulter pressure can be adjusted by a spindle. By this feature the coulter pressure can be adjusted to suit the field conditions. Both ranges are suitable to use as solo drills, but they can also be used in combination with a power harrow or compact harrow.

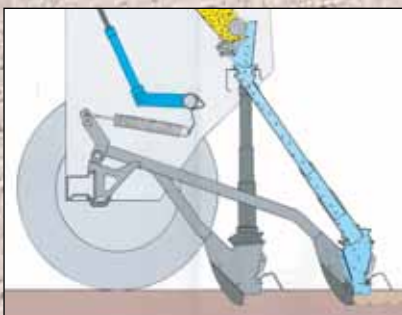
NCS 1130



NCS 2130
with pre emergence marker.

NCS 1100 / NCS 2100

Technical specifications	NCS 1125	NCS 1130	NCS 2130	NCS 2140	NCS 2145
Working width m	2.5	3.0	3.0	4.0	4.5
Transport width, m	2.47	2.97	3.12	4.19	4.69
Height, m	1.30	1.30	1.37	1.37	1.37
Filling height, m	1.18	1.18	1.35	1.35	1.35
Hopper volume, litres	445	556	740	1050	1200
Hopper volume, kg wheat	335	415	555	790	900
Number of EU coulters	17/19/21	19/21/23/ 25/29	21/25/29	33	37
Number of ER coulters	17/19	19/21/23	21/23	31	35
Distance between coulter rows, cm	33	33	33	33	33
Weight empty without rear harrow, kg	452	499	720	899	961
Transmission	Vario-K				
Seeding system	Pegrollers				
Remote adjustm. of seed rate on the move	Optional equipment				
Standard tires	165x15	165x15	6.00-16 or 10/80x12		
Markers to vertical	Mech.	Mech.	Hydraulic	Hydraulic	Hydraulic



Drilling in exact depth ensures an even germination.



Wheels 6.00-16.



Precise metering system with peg-wheels.



High capacity seed hopper.



Stepless adjusting of application rate with Vario-K gearbox.

NCS 3100

The NCS 3100 range of drills are designed specifically for use in combination with a Power Harrow or Compact Harrow. The NCS 3100 is available in working widths of 2.5, 3.0, 4.0 and 4.5m.

The NCS 3100 has a very compact design, and by mounting to the packer roller its weight is carried by the cultivator. This enables the cultivator to freely move over stones or obstacles whilst ensuring the seed drill stays in the ground.

The close coupling of the drill and harrow means that the tractor lift requirement is kept to a minimum.

Coulter pressure is controlled by centrally adjustable heavy duty compression springs. A depth stop prevents the coulters from going in too deep if the soil suddenly changes from heavy to light.

The low positioning of the coulters with the individually sprung coulters ensures even placement of seed giving good uniform germination.

The large distance between the two rows of coulters gives a very good flow of soil and residue preventing blockages.



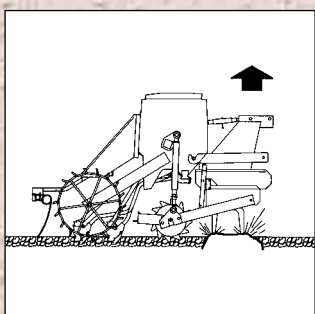
NCS 3130 with fine seed box.

NCS 3100

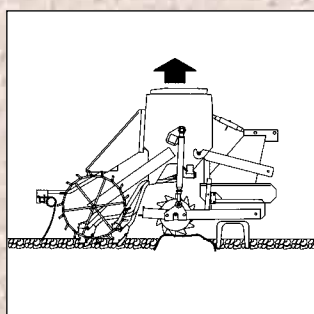
Technical specifications	NCS 3130	NCS 3140
Working width, m	3.0	4.0
Transport width, m	3.0	4.0
Height, m	1.57	1.57
Filling height, m	1.55	1.55
Hopper volume, litres	740	1050
Hopper volume, kg wheat	555	790
Number of EU coulters	24/25/29	32/33/37
Number of ER coulters	23	31
Number of DR coulters	24	32
Distance between coulter rows, cm	34	34
Weight empty without rear harrow, kg	804	1015
Transmission	Vario-K	
Seeding system	Peg rollers	
Remote adjustm. of seed rate on the move	Optional equipment	
Hydraulic markers to vertical	Yes	Yes
Declutching half working width	No	Yes



The weight of the drill is carried on the packer roller of the cultivator. The depth of drilling is adjusted in relation to the roller.



The weight of the NCS 3100 drill is carried on the implement packer roller. This allows the implement to ride up and over obstacles without carrying the full weight of the combination unit.



Hydraulic marker to vertical is standard.



The large diameter land wheel ensures a constant speed drive in all conditions.

NCS 4100

The NCS 4100 range of pneumatic seed drills are suitable for mounting onto power harrows and compact harrows. They are available in working widths of 3.0 and 4.0 m.

The NCS 4100 consists of two main units. A seed hopper complete with metering system and a coulters section which is mounted behind the rear roller of the power harrow or compact harrow.

The large capacity (850 - 1250 Litres) centrally mounted seed hopper is easily accessible by way of the wide rear platform. The large forward folding lid makes filling with big bags an easy operation.

A land wheel on the rear coulters section drives the Vario K gearbox which accurately meters the seed, through conventional seed wheels, into the airflow.

By means of the hydraulic or PTO driven fan the seed is transported to two distribution heads mounted on the coulters section. The seed is then delivered evenly down the individual rows. By using two distribution heads it gives a more even length of seed tubes which help in ensuring better accuracy of sowing.

The NCS 4100 range can be fitted with Euro Suffolk coulters, single or double disc coulters, ensuring the right coulters for all soil types.



Distribution head with valve for tramlining.



The large capacity seed hopper is mounted low and close to the tractor.



Metering unit with cell wheels.



The sturdy loading platform makes filling of the seed hopper easier.



PTO or hydraulic driven blower for transporting of seed.



*NCS 4140
with pre emergence marker.*

NCS 4100

Technical specifications	NCS 4130	NCS 4140
Working width, m	3.0	4.0
Transport width, m	3.0	4.0
Height, m	1.8	1.8
Filling height, m	1.7	1.7
Hopper volume, litres	800	800
Hopper volume, kg wheat	600	600
Number of EU coulters	24	32
Number of ER coulters	24	32
Number of DR coulters	24	32
Number of rows	2/3	2/3
Distance between coulters rows (2 rows), cm	36	36
Distance between coulters rows (3 rows), cm	36	36
Weight empty without rear harrow, kg	725	775
Transmission	Vario-K	
Seeding system	Cell wheels	
Remote adjustm. of seedrate on the move	Optional	
Hydraulic markers to vertical	Standard	
Decutching half working width	Standard	

NCS 5100

The modular designed NCS 5100 series can be adapted to fit a wide range of tillage implements. The hopper is mounted on a front linkage or fixed bracket system. The seed is then metered and distributed via air flow to the rear coulter sections which are mounted to a power harrow or cultivator.

Various specifications are available dependant upon the customers requirements. Access to the hopper is made easy and this is most useful when using big bags. Application rates are controlled either by a mechanical system using a land wheel or electronically using impulses from the tractor.

The coulter sections are fitted to the rear roller of the power harrow or cultivator and the depth is controlled by the roller. The exact depth is achieved by a central spindle on each coulter section.

The coulter sections are manufactured in modules allowing working widths of 3.0, 4.0, 4.5, 5.0, 6.0 and 8.0 metres. The front hopper is also suitable for using fertiliser, either as a buffer hopper or to apply fertiliser and be used in conjunction with a rear mounted planter.



NCS 5100

Technical specifications	NCS 5130	NCS 5140	NCS 5160
Working width, m	3.0	4.0	6.0
Transport width, m	3.0	3.0	3.0
Height, cm	163/178	163/178	163/178
Filling height, cm	148/163	148/163	148/163
Hopper volume, litres	1500/1900	1500/1900	1500/1900
Hopper volume, kg wheat	1125/1425	1125/1425	1125/1425
Number of EU coulters	24	32	48
Number of ER coulters	24	32	48
Number of DR coulters	24	32	48
Number of rows	2/3	2/3	2/3
Distance between coulter rows (2 rows), cm	36	36	36
Distance between coulter rows (3 rows), cm	36	36	36
Weight empty without rear harrow, kg	450/475	450/475	450/475
Transmission	Vario-Exact		
Seeding system	Cell wheels		
Remote adjustm. of seed rate on the move	Optional		
Hydraulic markers to vertical	Yes		



Easy transport due to 3.0 transport width.



Easy access for calibrating the drill.



The application rates are controlled mechanical by a land wheel, as show, or electronical.



Even length of seed tubes is ensuring high accuracy of drilling.



The mounting of the coulter section on the packer roller ensures an precise depth of drilling.

Details



Euro coulters (EU).



Double disc coulters (DR).



Single disc coulters (ER).



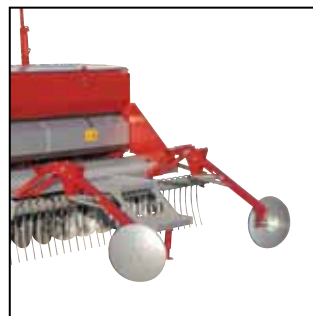
Max-Flow following harrow.



Wing-Flow following harrow.



By mounting fine seed finger kit, the application rate is reduced to 1/3 when drilling fx rape seed.



Pre emergence marker (optional).



Fine seed box for mounting on NCS 1100-2100-3100 (optional).



Hydraulic coulters pressure adjusting for NCS 3100 (optional).



Hydraulic lift of coulters section for NCS 4100-5100 (optional).



For NCS 5100 with electronic metering the LH 5000 is used.



Agro Tram 2100 is used for controlling tramlining with NCS 1100-2100-3100-4100-5100 (optional).



Kongskilde Industries A/S

Skælskørvej 64

DK-4180 Sorø • Denmark

Tel.: +45 33 68 35 65 • Fax: +45 33 68 86 22

mail@kongskilde.com

www.kongskilde.com