

1590 Box Drill

Conventional-till, mulch-till and no-till seeding and fertilising



Virtuoso of versatility

There are many ways to seed your fields and the John Deere 1590 Box Drill is perfect to handle all of them – from conventional-till to no-till, from grains to legumes, from plain grain to grass seed or even combination grain/fertiliser seed boxes.

Discover the best option for your fields here; to find the best match for your needs, ask your John Deere dealer for details.

Choice of widths & row spacing

There are three basic models of the John Deere 1590 Box Drill – with working widths of 3.0 m, 4.6 m and 6.1 m. All models offer variable row spacing, i.e. when one rank is locked up: from 19 cm to 38 cm on the 3.0 m, from 19 cm to 38 cm on the 4.6 m and from 25 cm to 51 cm on the 6.1 m. Whatever choice you make, you can count on consistent, high precision seed placement that saves you fuel, time and labour costs.



Different seed boxes

Your new John Deere 1590 Box Drill can be equipped with either a plain grain box or a combination box for simultaneous seeding and fertilising. Both versions come in various volumes, depending on the size of your fields. The versatile combination box can be set for 100% grain or 60% grain/40% fertiliser. A bin level indicator near the end of the box allows the operator to view seed level at a glance.



Accurate seed metering

The John Deere 1590 Box Drill is capable of seeding a wide range of crops at either low or high rates – with the use of a volumetric metering system. The electronic population rate control allows the operator to adjust rates on-the-go from the tractor cab.

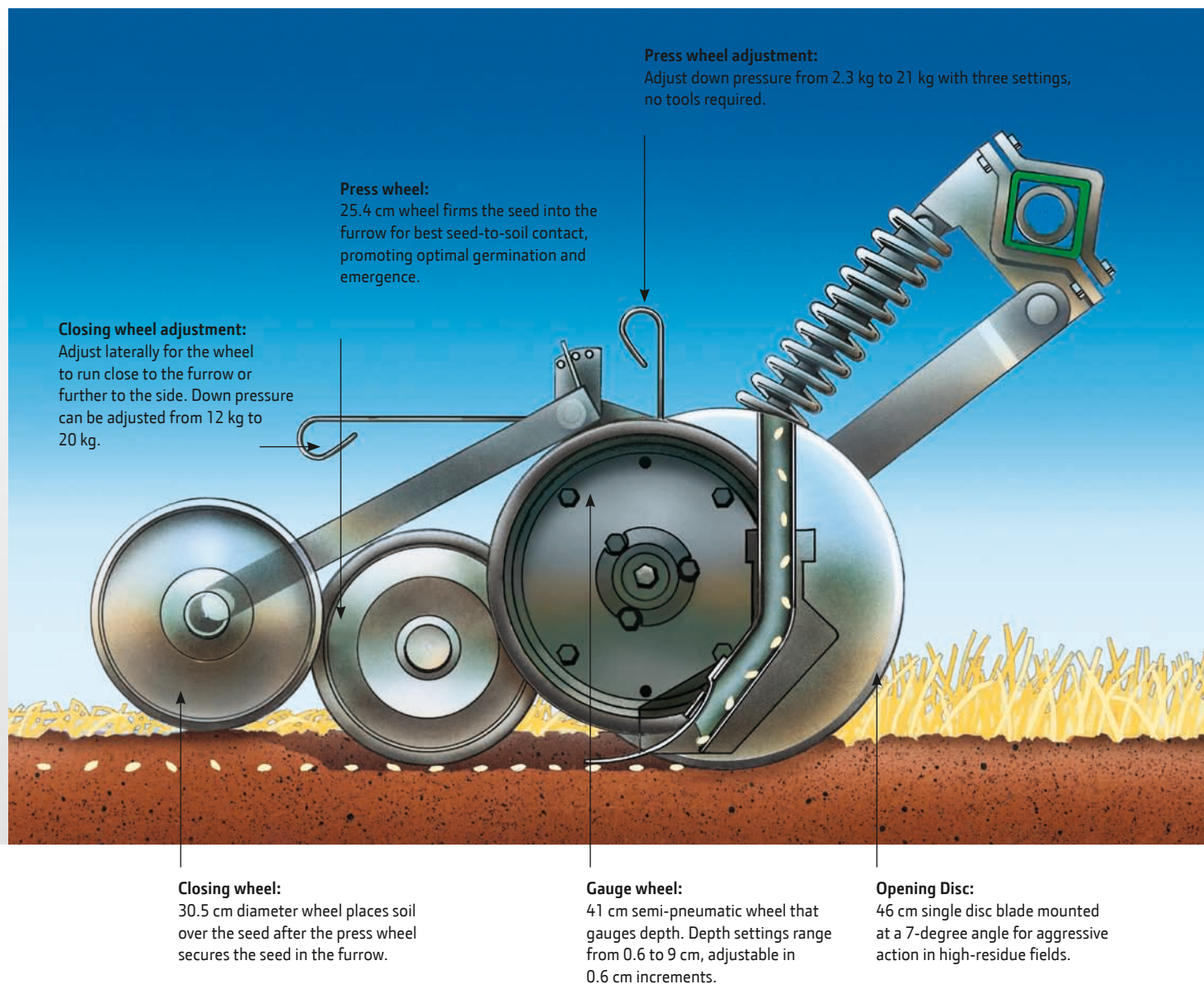


Flexible seed placement

The John Deere 1590 Box Drill single disc is designed to work well in all conditions – no-till, mulch-till and conventional till. Gauge wheels are available with steel or plastic centres, depending on ground conditions. Smooth-sided plastic gauge wheels are recommended for conventional or reduced tillage. In rougher, rockier conditions, steel gauge wheels will be more durable.



Hydraulic down pressure:
Depending on the terrain or soil conditions, you can adjust pressure up to 181.5 kg. When the pressure is set at 0, the openers float approx. 5 cm up and down, following ground contours without extra force.



Specification			
Width, m	3.05	4.6	6.1
Seed hopper, l	1233	1674	2467
Seed grain application	100% or 60 / 40%	100% or 60 / 40%	100% or 60 / 40%
Seed rate	volumetric fluted feed cups	volumetric fluted feed cups	volumetric fluted feed cups
Openers	16	24, 18	32, 24
Gauge wheel	steel	steel	steel
Option	smooth side	smooth sided	smooth sided
Number	16	24, 18	32, 24
Spacing, cm	19 / 38	19 / 38	25 / 51
Pattern	2 rank	2 rank	2 rank
Seeding depth, cm	0.6 to 9	0.6 to 9	0.6 to 9
Depth settings, cm	0.6 increments	0.6 increments	0.6 incrementals
Depth control	individual	individual	individual
Down pressure system	active hydraulic downforce	active hydraulic downforce	active hydraulic downforce
Opener down pressure, kg	204	204	204
Monitoring option for blockage	CT 350 monitor	CT 350 monitor	CT 350 monitor
option for blockage	SeedStar2	SeedStar2	SeedStar2
Markers	no	yes	yes
Transport width, m	3.05	4.6	6.1
Height, m	2.08	2.08	2.08
Drive disconnect manual	yes	yes	no
automatic	no	no	yes
Brake system	no	no	no
Weight, kg	1043 / 1088	1360 / 1406	2087 / 2177
Tractor requirement (min.), HP	115	125	150
Options	CT 350 monitor smooth sided gauge wheels extended wear seed boot Electronic population rate control seed / fertiliser box grass seed attachment dual caster wheel hitch	CT 350 monitor smooth sided gauge wheels extended wear seed boot Electronic population rate control seed / fertiliser box grass seed attachment dual caster wheel hitch	CT 350 monitor smooth sided gauge wheels extended wear seed boot Electronic population rate control seed / fertiliser box grass seed attachment dual caster wheel hitch

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