

4420

Deep Knife Drill™





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Experience unmatched precision, efficiency, and adaptability in your operations.

Purpose-designed and built for Australian farms by the world leaders in air seeders, the Bourgault 4420 DK™ Drill accommodates the latest advancements in farm machinery.

Rigorously developed, designed, and tested in partnership with Australian farmers, the Bourgault 4420 DK™ Drill is tailored to meet the demands of local agricultural conditions.

The result? A robust and reliable tool that stands up to real-world challenges.





Double the tines.
Double the performance.

THE DK™ OPENER

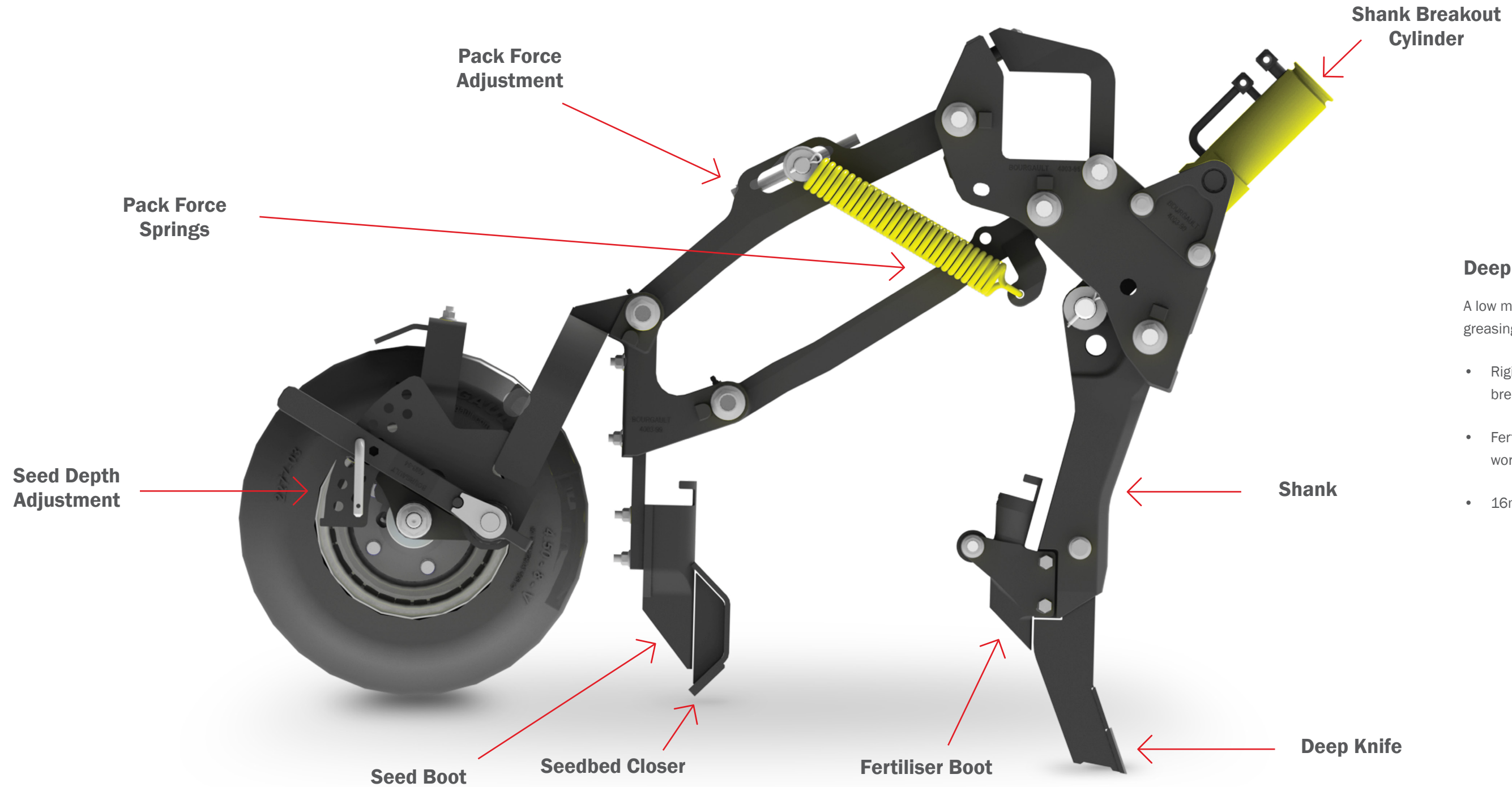
A result of Bourgault's cutting-edge engineering know-how, the innovative dual-tine DK™ (Deep Knife) opener features a robust fertiliser shank and knife, designed to penetrate even the toughest soils at greater depths. Optimised for working depths of 12cm to 16.5cm below the surface, the fertiliser knife enhances furrow development while ensuring effective fertiliser separation from seed.

This is followed by a seed closing assembly mounted on ground-following parallel arms for a true 1:1 contour ratio. The seed closer is independent of the fertiliser knife allowing precise seed placement regardless of full digging depth — creating the perfect environment for seed germination and growth.

THE DK™ OPENER

Seed Assembly

- Ground-following 1:1 contour ratio
- Easy packing pressure adjustment with a cordless impact driver
- Easy depth adjustment with a simple handle and pin
- Deep knife shank can trip independently over small objects
- Entire assembly trips over larger objects
- Openers lift in road transport for superior ground clearance



Deep Working Fertiliser Shank

A low maintenance, durable opener with 250hr greasing intervals

- Rigid shank with on-the-go adjustable hydraulic breakout from 68kg - 450kg
- Fertiliser drop optimised for 120mm - 165mm working depth
- 16mm wide knife point



BOURGAULT 4420

8550 BOURGAULT

Gain unparalleled flexibility in crop management.

THE FRAME

Featuring a heavier built new generation structural main frame offers enhanced durability and uniformity during seeding. The DK™ openers are directly mounted to a universal bolt-on, 3-row sub-frame, allowing for flexible configurations.

Available in standard 12m (3-plex) or 18m (5-plex) working widths with 250mm or 300mm row spacing, the 4420 DKD™ accommodates various field sizes and cropping systems.

Both 12m and 18m options fold to exceptionally narrow widths and low heights for safer road transport. Large all-around tyres and a floating hitch ensure superior tracking, optimal depth control in soft field conditions, exceptional stability and cornering during transport.

Pair the 4420 DKD™ with any Bourgault Air Cart and/or onboard liquid tanks and sow the seeds of success on your farm.



Rear Chassis Options

Standard Chassis (SC)

All standard chassis (SC) drills feature wide foot-print 600/50R22.5 tyres on the rear main frame for easy rolling in challenging conditions.

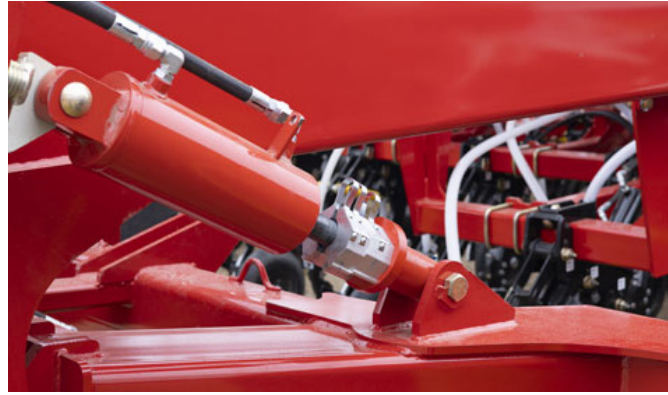


Heavy Duty Chassis (HC)

Both 12m and 18m drills can be ordered with a heavy-duty chassis (HC) instead of the standard chassis option. The HC enhances usability by providing traction lug 800/65R32 tyres on the main-frame rear and can accommodate dual 2700L liquid tanks, providing a total capacity of 5400L.



Adjust. Adapt. Overcome.



ADJUSTABLE DEPTH

Farmers will appreciate the reliable, easy-to-use frame height adjustment, set using shims on the main frame lift cylinders while also controlling the depth of the leading fertiliser knife. Once set, the drill consistently returns to the same depth after each headland turn.

Independent of frame height, seed placement adjustment has never been easier—each DK™ Opener features a simple pivoting handle and locking pin for precise depth control.



TRUTRAC™ COULTER SYSTEM

The optional TruTrac Coulter™ System cuts through field residue and minimizes side shifting, ensuring precise drill tracking. It also reduces soil throw and power requirements, potentially allowing for increased ground speed and greater productivity in suitable conditions.



ADJUSTABLE BREAKOUT

Using the new 4420 DK™ Drill, growers gain enhanced control through on-the-go adjustable hydraulic breakout, offering a front shank breakout force range of 68kg to 450kg. This dynamic feature promotes adaptability to varying soil conditions, protecting the opener from damage, reducing rock debris on the surface, and promoting uniform crop emergence.



HI-FLOTATION™ TYRES

At seeding time, growers need confidence that soft conditions won't slow them down. The incorporation of Hi-Flotation™ tyres, a 4420 DKD™ standard feature, reduces soil compaction and supports healthy crop growth.



ROW SPACING

Standard 250mm and 300mm opener layouts feature an even number of openers, symmetrically spaced across the full frame width for easier inter-row seeding in alternating years.

The smart bolt-on sub-frame design adds value by allowing growers to adjust row spacing as their farming system evolves.



ON-BOARD LIQUID TANK OPTION

With the optional heavy-duty rear chassis (HC) and two onboard 2700L poly tanks, growers can efficiently apply liquid fertilisers and soil wetter in a single pass. The complete system can also be equipped with a 300L clean water rinse tank featuring a ground-accessible fill port, hydraulically driven stainless steel pumps, filtration, a flow meter, and in-tank agitation. For safe and convenient access, the Bourgainet twin-tank package includes factory-installed ladders and platforms, simplifying field use, maintenance, and cleaning.

Developed in Australia For Australian Farms

Trust the leaders in seeders since 1974.

The 4420 Deep Knife Drill™

- ✓ Deep Banding
- ✓ High Breakout
- ✓ Durability
- ✓ Reduced Running Costs
- ✓ Metric Row Spacing And Working Widths
- ✓ Improved Residue Flow
- ✓ Flexible Opener Mounting Frames
- ✓ Narrower Transport
- ✓ Ability To Carry Liquids
- ✓ Controlled Traffic Farming (CTF) Compatible



Specifications

MODELS	4420-12	4420-18
Frame Sections	3	5
Ranks of Openers	3	3
Rank Spacing		
Standard (Centre to centre with TTC)	1143 mm	1143 mm
Expanded (Centre to centre without TTC)	1327 mm	1327 mm
Working Width		
250 mm Row Spacing	12 m	18 m
300 mm Row Spacing	12 m	18 m
Transport Width		
With TTC	5.44 m	5.5 m
Without TTC	5.23 m	5.35 m
Transport Height (at 250 mm ground clearance) [add 0.2 m for fully raised]		
With TTC	4.9 m	5.0 m
Without TTC	4.82 m	4.9 m
Weights (kg *Estimates)		
250 mm (With TTC)	16000 kg	25000 kg
250 mm (Without TTC)	14000 kg	22000 kg
300 mm (With TTC)	15000 kg	23500 kg
300 mm (Without TTC)	13250 kg	20750 kg
HC Rear Chassis (In addition to standard)	+ 1500 kg	+ 1500 kg
HC Rear Chassis + Tanks & 5000L liquid	+ 9000 kg	+ 9000 kg
N (In addition to standard)		
Running Gear		
Main Frame Wheels (Front)	600/50R22.5	800/65R32
Main Frame Wheels (SC Rear)	600/50R22.5	600/50R22.5
Main Frame Wheels (HC Rear)	800/65R32	800/65R32
Wing Frame Wheels (Front)	560/45R22.5	560/45R22.5
Wing Frame Wheels (Rear)	560/45R22.5	560/45R22.5
Packing Force [Zero Seed Knife Draft]		
LoPack Spring	37-55 kg	37-55 kg
Standard Spring	45-85 kg	45-85 kg

Packer Options



All weights & transport dimensions are estimates & are subject to change.
Every effort has been made to ensure that the information is accurate/current at the time of production.

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For a complete Bourgault dealer listing
visit: www.bourgault.com

Every effort has been made to produce
this catalogue with the most current
information possible. However,
ongoing product development and
improvements mean that the equipment
and specifications are subject to change
without notice. Equipment subject to local
availability. Please contact your Bourgault
representative for additional information.