

Kubota BV4180 vs. John Deere 461M

Bale Chamber

Net System

Pickup

Drive Mechanism

Summary

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SUMMARY

- The standard BV4180 is capable of handling any type of crop including silage where the 461M standard base model is limited to dry hay only. There is an optional silage kit available. The BV4180 has 3 large driven formation rollers and 5 belts, and the 461M only has one small formation roller with 6 belts. The BV4180 has a variable chamber controlled from the cab by a standard Intelligent Density System. Three bale zones can be customized for size and density. The 461M bale density comes factory set.

PRODUCTIVITY

- The BV4180 bale chamber has increased capacity to handle all types of crops including wet silage.

RELIABILITY

- The BV4180 bale chamber design ensures positive bale starting, formation, and shape.

OPERATOR EXPERIENCE

- The BV4180 with Intelligent Density System allows the operator to customize the bale size and density to their specific needs.

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SUMMARY

- The BV4180 has the front mounted PowerBind net system with capacity to store 2 additional rolls of net wrap. When compared to the 461M, the BV4180 net system is advantageous because the PowerBind system is front mounted whereas the 461M is rear mounted with a capacity to only store 1 additional roll of net wrap.
- The PowerBind system is very close to the bale chamber and the net only moves a short distance. The net in the 461M has to travel down tailgate belts and into the bale chamber.
- The BV4180 net system requires nothing where the 461M system sometimes requires the application of baby or talcum powder to prevent net issues.

PRODUCTIVITY

- The BV4180 has a full width net brake compared to a smaller brake shoe system on the 461M. The full width net brake ensures a positive start and tight net placement with any type of net.
- In the BV4180, the net is injected closer to the bale and results in quicker wrapping time.

RELIABILITY

- The simple design of the PowerBind system without need of baby or talcum powder eliminates the possibility of net damage and adjustments.

OPERATOR EXPERIENCE

- The front mounted, easily loaded PowerBind system can be seen and monitored by the operator from the tractor seat.

PRO FRAMEWORK

Competitive Comparison

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SUMMARY

- The BV4180 pickup is 79" wide flare to flare with 112 curved tines compared to 71" and 96 regular tines on the 461M standard base pickup. Both BV4180 and 461M come standard with hydraulic lift. Additionally, the BV4180 pickup is easily seen from the cab of the tractor and the 461M pickup is tucked underneath and more difficult for the operator to monitor.

PRODUCTIVITY

- The BV4180 pickup has more width and curved tines compared to the 461M pickup thus able to handle wider windrows and reduce crop loss even in light conditions.

RELIABILITY

- The heavy-duty BV4180 pickup with dual wheels and suspension allows it to follow the ground contour without damage.

OPERATOR EXPERIENCE

- The BV4180 pickup is easily seen from the tractor allowing the operator to monitor crop flow and spot potential issues.

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Drive Mechanism

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SUMMARY

- The BV4180 drive mechanism is heavy-duty with #100H (1.25" pitch) drive chains and high quality, large drive and idler rollers. The major drives and adjustments are located outside the chassis. The 461M has #80H (1.00" pitch) main drive chain with light stamped idlers and light sprockets.

PRODUCTIVITY

- The BV4180 heavy-duty drives enable to handle any type of crop including heavy silage baling applications.

RELIABILITY

- The BV4180 heavy-duty drives and centrally located grease banks give longevity to the baler.

OPERATOR EXPERIENCE

- The BV4180 heavy-duty drive mechanism results in less downtime, maintenance, replacement parts, and operating costs.

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SUMMARY

The Kubota BV4180 comes standard with numerous PRO features such as a variable chamber with Intelligent Density System, high capacity, heavy-duty 79" pickup with hydraulic pickup, PowerBind net system, and a heavy-duty drive mechanism which makes the BV4180 silage ready.

The 461M standard base model is limited to dry hay. It has a less robust pickup, bale chamber and drive mechanism compared to the BV4180. Also, it has a rear mounted net system that is difficult to monitor and not as operator friendly when compared to the BV4180.

In conclusion, the standard Kubota BV4180 is silage ready and has more key features and benefits compared to the John Deere 461M standard base baler for dry hay.