

Kubota BV4160 vs.

Case IH RB455/ New Holland Roll Belt 450

Bale Chamber

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SUMMARY

- The BV4160 bale chamber is located directly behind the feeder assembly and the CNH baler has a vertical chamber where the crop has to be moved up into the chamber. The BV4160 chamber also centers the bale directly over the axle instead of in front of the axle like the CNH. The BV4160 has 3 large driven formation rollers and 5 belts, and the CNH has 5 driven rollers with 6 belts thus it is more complicated and requires more maintenance.

PRODUCTIVITY

- The BV4160 bale chamber has better crop flow and increased capacity to handle all types of crops. The BV4160 chamber design ensures positive bale starting, formation and shape.

RELIABILITY

- The BV4160 bale location in chamber places less weight on tractor drawbar, less drop height and less chance of net breakage or bale runaway.

OPERATOR EXPERIENCE

- Due to a less complicated design, the BV4160 bale chamber has less maintenance which reduces operation costs

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SUMMARY

- The BV4160 and the CNH models all have front load net systems with capacity to store 2 additional rolls of net wrap. The BV4160 PowerBind net binding system is advantageous in low loading height, heavy-duty support mechanisms, net brake system, and simpler routing design.

PRODUCTIVITY

- The BV4160 has a full width net brake compared to a brake shoe system on the CNH balers that requires maintenance. The full width net brake ensures a positive start and tight net placement.

RELIABILITY

- The BV4160 PowerBind heavy-duty mechanism supports the net roll and is easily adjusted compared to the lighter system in the CNH balers.

OPERATOR EXPERIENCE

- The BV4160 PowerBind system has a lower net roll loading height with fewer net rollers allowing a very simple and quick net routing process. The CNH balers have 3 net rollers and requires an insertion tool.

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SUMMARY

- Both the BV4160 and CNH balers have pickups that are 79” wide flare to flare with 112 tines. The BV4160 and CNH balers come standard with hydraulic lift.

PRODUCTIVITY

- The BV4160 adjustable pickup is clean sweeping and reduces crop loss.

RELIABILITY

- The BV4160 pickup is heavy-duty and low profile.

OPERATOR EXPERIENCE

- The standard hydraulic lift on the BV4160 allows the operator to stay in the cab instead of having to stop and dismount tractor to lift or lower the pickup.

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SUMMARY

- The BV4160 drive mechanism is heavy-duty with #100 (1.25" pitch) drive chains. The major drives and adjustments are located outside the chassis. The CNH balers have a complicated internal drive system that includes 5 driven rollers that require more chains and drives than the BV4160.

PRODUCTIVITY

- The BV4160 heavy-duty drives enable to handle any type of crop including heavy silage baling applications.

RELIABILITY

- The BV4160 heavy-duty drives and centrally located grease banks give longevity to the baler.

OPERATOR EXPERIENCE

- The BV4160 drive mechanism has fewer drives than the complicated system in the CNH balers resulting in less downtime, maintenance, replacement parts, and operating costs.

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SUMMARY

The Kubota BV4160 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 BV4160 silage ready.

Both the Case IH RB455 and New Holland RB450 are available in numerous configurations with many options but the standard models are not silage ready.

In conclusion, the standard Kubota BV4160 is silage ready and has more key features and benefits compared to the standard CNH models.