

Variable Chamber Round Balers

VB 7100 SERIES



www.kuhn.com



KEEP AHEAD

The KUHN VB 7100 series sets a new standard in round baling. The balers offer you a high performance, producing bales of up to 140 kg/m³ in straw and giving a capacity of up to 30 t/hour in various crop conditions. The heavy-duty design guarantees maximum lifetime with minimum downtime.

Where others stop, the KUHN VB 7100 series starts.

be strong, be **KUHN**

VB 7160 – 7190 HIGH-PERFORMANCE ROUND

HIGH-DENSITY BALES OF UP TO 140 KG/M³

Produce bales with densities of up to 140 kg/m³ in straw thanks to the new KUHN patented* i-DENSE system. This intelligent twin tension arm system in combination with the measurements of the moisture sensor, automatically adapts the baling pressure according to the different crops and crop conditions, without the interference of the driver. Resulting in the most economical use of your baler without compromising on performance.

HIGH CAPACITY IN ALL CIRCUMSTANCES

Silage or straw, the VB 7100 Series balers offer you a capacity of up to 30 t/hour in various circumstances. The unique mix of the i-DENSE system and the proven 4 belt + 3 roller design of the bale chamber ensures fast, secure and consistent bale formation in any crop condition, even in silage. The KUHN invented INTEGRAL ROTOR ensures the best possible crop flow. The net binder with active stretch technology guarantees a consistent net tension and sturdy bale shape. On top of that, the VB 7100 balers feature the fastest tailgate operation in the market. Within 4 seconds the bale is ejected and the tailgate is closed again.

MAXIMUM LIFETIME, MINIMUM DOWNTIME

Extreme durability of components, minimum downtime for maximum baling time. Thanks to its heavy-duty design, the balers provide you the robustness and reliability you need. 4 baler belts ensure optimal track and bale formation. Wear resistant and oversize chains are oiled with an automatic continuous chain oiling system. The rotor tines are made out of HARDOX® wear plates. 50 mm spherical roller bearings are fitted on the main driven rollers and special KUHN patented* seals on the idling rollers. These seals, consisting of a unique combination of specially developed rings, keep crop contamination away from the bearings.

EVERYTHING FOR YOUR CONVENIENCE

Just focus on driving while your baler takes control of the density and the power consumption, yet another advantage of the i-DENSE system. All this, including the moisture indication and many other data points, can be monitored on the ISOBUS display terminal. The net binding system facilitates loading from both sides of the machine. Thanks to the new KUHN patented* support brackets, you can slide the net easily from the net storage into the net binder without lifting the entire roll. Moreover, you can load the net roll whilst standing safely on the ground. Switching between the different sets of knives is easy when using KUHN's proven GROUP SELECTION technology.

*Patent or patent pending in one or more countries.



Within 4 seconds the bale is ejected and the tailgate is closed again

ND BALERS



MACHINE HIGHLIGHTS



KUHN patented* i-DENSE system provides densities of up to 140 kg/m³ in straw



4 belt, 3 roller design of the bale chamber ensures fast, consistent bale formation in any crop condition



INTEGRAL ROTOR with tines made out of HARDOX® wear plates



Seals on the idling rollers to keep crop contamination away



Support brackets for easy loading of the net roll



Robust driveline with wear-resistant and oversized chains

VB 7100 series

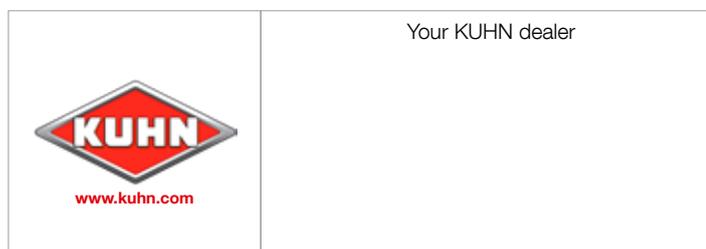
HIGH-PERFORMANCE ROUND BALERS

SPECIFICATIONS		
	VB 7160 - 7190 OPTICUT 14	VB 7160 - 7190 OPTICUT 23
Bale dimensions		
Diameter - cm	80 - 160 / 185	
Width - cm	120	
Pick-up		
Pick-up	230	
Number of tine rows	5 rows	
Pick-up roller	Heavy pick-up roller (Ø 217 mm)	
Bale chamber		
Bale formation	4 belts + 3 rollers	
Intake		
Intake unit	14-unit cutting rotor	23-unit cutting rotor
Rotor tines made out of HARDOX® wear plates	As standard	
GROUP SELECTION	As standard	
DROPFLOOR	As standard	
Theoretical cutting length - mm	70	45
Knife protection	Individually spring protected	
Rotor disengagement	Manual	
Binding	Net, Twine & Net	
Operation		
ISOBUS controls	On ISOBUS tractor terminal, CCI 50 or CCI 1200	
Machine dimensions		
Machine weight - kg	≥ 4.400	
Minimum tractor requirement	88 kW (120 hp)	95 kW (130 hp)

**For more information about
your nearest KUHN dealer, visit our website
www.kuhn.com**



Visit us on our YouTube channels.



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