

Large Square Balers

# SB Series

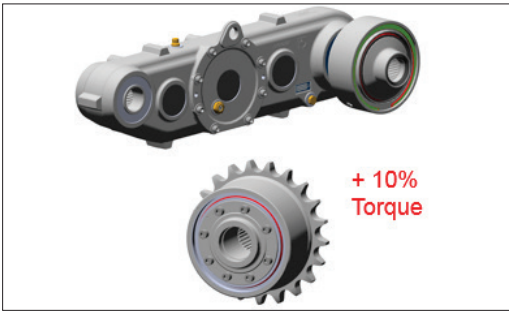
## Product Information



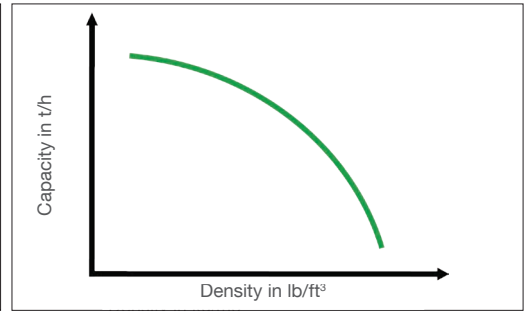
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The KUHN SB Series balers are the new generation of KUHN large square balers. The SB balers, designed to achieve high capacity and high bale weights, combined with more driver convenience, boost the profitability of the baling operation. Thanks to the improved intake system, an increase in capacity of up to 15% is achieved. The SB Series balers are designed by KUHN, made by KUHN. The new design offers perfect accessibility to the inside of the machine. The new KUHN patented torque regulation system ensures a perfect balance between capacity and density. The benefit of this sophisticated measuring method is that extra bale weight can be achieved, with higher transport and handling efficiency as a result.



**+ 10%  
Torque**



### UP TO 15% INCREASED INTAKE CAPACITY

The SB Series balers feature an improved crop intake system. The newly designed crop guard, in combination with 20% torque increase on the rotor and 10% on the feeder fork clutch, ensures an up to 15% higher intake capacity. Together with the crop guiding guard, the baler guarantees a higher intake capacity with increased endurance properties.

### DESIGNED BY KUHN, MADE BY KUHN

Driven crop roller which actively follows the crop flow, improving capacity and reducing peak loads. Propels crop into the intake while vertically rising/falling a distance of 7.8 inches to follow variations in the flow of crop, and reliably feed in heavy crop conditions. Crop is slightly compressed and evenly distributed when entering the intake rotor preventing blockages and reducing power requirements.

### CAPACITY & DENSITY – THE PERFECT BALANCE

The new torque regulation system ensures a perfect balance between capacity and density. The crank angle position sensor and plunger rod load pins measure the total machine load. Precise machine-load measurements are performed throughout the complete plunger cycle. The benefit of this sophisticated measuring method is that extra bale weight can be achieved.

## SPECIFICATIONS

## SB Series

	SB 890 OptiFeed/OptiCut	SB 1290 OptiFeed/OptiCut
<b>Bale Dimensions</b>		
Size	3x3	3x4
Height	35" (90 cm)	35" (90 cm)
Width	31.4" (80 cm)	47.2" (120 cm)
Length	2' - 10' (0.6 - 3.0 m)	2' - 10' (0.6 - 3.0 m)
<b>Intake</b>		
Intake Width	91" (230 cm)	91" (230 cm)
Number of Tine Bars	5	5
Number of Knives	- / 15 Knives Optional	- / 23 Knives Optional
<b>Bale Chamber</b>		
Plunger Strokes/Min	2 x 46 / min	2 x 46 / min
Density Control	3 Hydraulic Cylinders via Self-Contained Hydraulic System	4 Hydraulic Cylinders via Self-Contained Hydraulic System
ISOBUS Controls	ISOBUS (Optional CCI 50 / CCI 1200)	ISOBUS (Optional CCI 50 / CCI 1200)
<b>Knotters</b>		
Knotting System	4 Rassepe® Double Knotters	6 Rassepe® Double Knotters
Twine Spool Capacity	32	32
<b>Wheels and Axles</b>		
Tires	425/65R22.5	425/65R22.5
Axle	Tandem Axle	Tandem Axle
<b>Machine Dimensions</b>		
Transport Width	9'1 - 9'10" (2.8 - 3.0 m)	9'1 - 9'10" (2.8 - 3.0 m)
Machine Weight	18,960 lbs (8,600 kg) / 19,620 lbs (8,900 kg)	21,385 lbs (9,700 kg) / 22,820 lbs (10,350 kg)
Minimum Tractor Requirement	105 hp (77 kW) / 120 hp (88 kW)	140 hp (103 kW) / 165 hp (121 kW)

Power requirement may vary with different crops, conditions and options used. Consult operators manual for proper tractor sizing.



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