



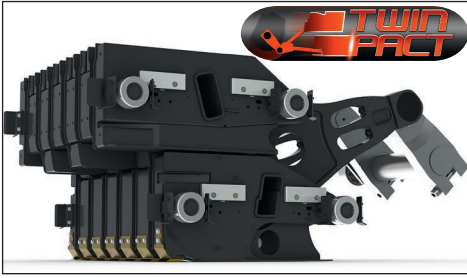
## Large Square Baler SB 1290 iD

### PRODUCT INFORMATION



The KUHN 1290 iD large square baler is designed to produce bales with an extremely high density. Normally higher bale compaction leads to higher machine peak loads, and heavy machinery. With the intelligent features on the SB 1290 iD, KUHN proves that high bale density and low power requirement can be combined into one machine, providing you significant fuel savings. The KUHN TwinPact double plunger system ensures that high peak loads are avoided. Moreover, the bale channel, driveline and transmission have been upgraded to efficiently make heavier bales.

## SB 1290 iD



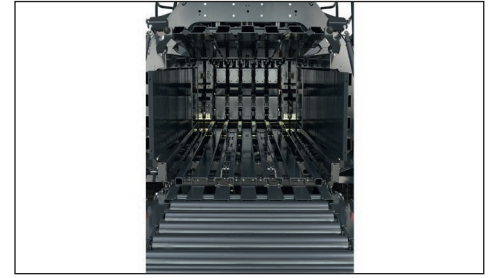
### TwinPact Double Plunger System

The KUHN SB 1290 iD features the patented TwinPact double plunger system, an intelligent way to reach extremely high bale densities and avoid high peak loads on the machine. To achieve up to 25% higher bale density, the plunger requires twice the force of a conventional large square baler. The TwinPact plunger is divided into an upper and lower part, which are connected with a triangle rod. The plunger impact on the bale is divided into two steps, increasing the applied force per surface area and thus bale compaction. Despite the heavier bales, the load on the machine is comparable with a conventional 3x4 baler, eliminating the need for an oversized driveline, flywheel and main frame.



### Power Density System

The KUHN Power Density system, a single feeder fork design, proves that a well-engineered active pre-chamber filling system can eliminate complexity. This pre-chamber system ensures consistently filled bale flakes and results in heavy, square-edged bales regardless of the windrow. The single feeder fork combines two functions into one mechanism, eliminating unneeded components and complexity and resulting in lower maintenance costs.



### Bale Chamber Design

The specially designed bale chamber of the KUHN SB 1290 iD is 12.3' (3.75 m) long, over a foot longer than our standard 1290 SB baler. In addition to the chamber length, pressure is applied by nine hydraulic cylinders to reach maximum bale density. Highly resistant, replaceable Hardox wear plates for baling in dry, abrasive conditions are integrated into the machine design providing longer life in this high-wear area. A funnel shaped pressure door and a 7-beam top door design guarantee perfectly shaped bales and extra friction.

## Technical specifications

	SB 1290 ID OPTIFEED / OPTICUT
Bale size – height x width	3' x 4'
Bale height	35" (90 cm)
Bale width	47" (120 cm)
Bale length	24"–118" (60–300 cm)
Intake width	91" (230 cm)
Bale Chamber Length	12'3" (375 cm)
Number of pickup tine bars	5
Intake system	Integral rotor (with automatic cam clutch overload protection)
Number of knives	- / 23
Minimum cutting length	- / 1.8" (45 mm)
Knife protection system	- / Individual hydraulic
Plunger strokes / min	46-TwinPact split plunger system
Flywheel weight	1,069 lbs (485 kg)
Machine weight	25,795 - 28,660 lbs (11,700 - 13,000 kg)

KUHN NORTH AMERICA, INC. | Corporate Headquarters | 1501 West Seventh Avenue - Brodhead, WI 53520

Information given in this document is only for informational purposes and is non-contractual. Our machines are in compliance with North American safety standards. In our literature, and for improved illustration of certain details, some safety devices may not be in operating position. When operating these machines, these devices must be operated in accordance with the requirements indicated in the operator's manuals and assembly manuals. We reserve the right to change any designs, specifications or materials listed without further notice. Machines and equipment in this document can be covered by at least one patent and/or registered design. Trademarks cited in this document may be registered in one or several countries.

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