



NEW HIGH DENSITY LB HD SERIES LARGE BALERS

After many years of experience with the LB XL series, Case IH has launched a completely new large-format "High Density" baler. The ambitious goal was 22% greater bale density while maintaining throughput as compared to the LB434 XL.

Numerous new features such as a patented two-speed gearbox, revised plungers, TwinePro twin-knot technology as standard, or a hydraulically suspended, steered tandem chassis all increase the efficiency of the baler and set standards in bale density and ground speed.

BRINGING DENSITY TO YOUR BUSINESS



CAPACITY AND DENSITY

Concentrated technology for your feed



PICK-UP AND FIVE TINE BARS

The steerable pick-up bar with a working width of 235 cm, five tine bars and perfect bale tine distribution reliably and cleanly picks up the swath even at higher speeds.

PRE-COMPRESSION CHAMBER

The perfect bale begins in the pre-compression chamber:

- Pre-compression of the material into stable flakes
- Sensor plate admits the material to the main compression chamber by the retention finger

PLUNGER - NEWLY DESIGNED AND REINFORCED

- Extremely high pressures with 48 str./min
- Fully-automatic bale density control system gives the bales a uniform shape and density, even under changing conditions
- Compression force is controlled by sensors and can adjust compression cylinders for constant bale density

SEVEN CYLINDERS

To achieve highest densities and bale weights, improvements were made:

- Extremely robust compression chamber
- High-performance density ring with seven double-acting cylinders
- Compression cylinder generates up to 62 tons of force for uniform bale density

62t



PRODUCTIVITY AND TECHNOLOGY

It's what inside that matters

ISOBUS CLASS III

Electronics also play a major role in the development of the LB 436 HD baler.

The baler meets the latest ISOBUS III standard (tractor speed control and overload management) so that its intuitive, newly-designed user interface can be accessed via any ISOBUS compatible terminal.



30% INCREASED LOOP KNOT STRENGTH

NEW LOOP KNOTTER

The new knotter system provides improved components:

- Redesigned needles and a new needle yoke reclaim system gives the bales a uniform shape and density, even under changing conditions
- Stronger frame to withstand higher plunger loads
- Electric knotter fans to keep the units cleans
- TwinePro knotters can easily eliminate offcuts for better forage quality

MID GEARBOX

- Accelerates PTO from 1000 to 1445 rpm.
- Flywheel brake and flywheel slip clutch
- Allows smooth startup with 240 hp tractors.
- Automatic declutch in case of overload
- Brake integrated into gearbox for safer braking with significantly reduced risk of fire



HANDLING AND COMFORT

Our best case for high density bales





THREE METRES OVERALL WIDTH

A fully redesigned heavy-duty frame is able to withstand high density loads and higher plunger forces.

SHORT DRAWBAR

The narrow design of the new short drawbar provides an unobstructed view of the pick-up area and rotary cutter and makes the machine more maneuverable. The practical hose cabinet keeps all connecting hoses and cables organized.

DUAL AXLE HYDRAULIC SUSPENSION

The Case IH LB 436 HD is equipped as standard with a tandem axle with pivoting rear wheels for better maneuverability.

A brand new feature is Case IH's hydraulically suspended bogie-chassis with oversized tyres up to 26,5". This makes the machine easy to pull, even for lower horsepower tractors, saving fuel.



EASINESS AND RELIABILITY

Less maintenance means lower costs





TILTABLE TWINE BOX

The demands for quality, servicability and reliability have been taken into account in every detail. The twine boxes pivot up and away for easy access to the main components.

The dust-proof twine boxes are large enough for 36 spools of twine, which can easily be restocked from the ground.

SERVICE WORK LIGHTS

A new work light and service light package is available on LB 436 HD balers, featuring modern, bright LEDs for maximum visibility, even in the darkest night.

LUBRICATIONS

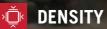
The automatic lubrication system minimises downtime and maintenance work.





CAPACITY

A new baler providing high performance with more than 40 tons per hour



New plunger and bale chamber for 500 kg per bale in all crops



EASE OF USE

For professional producers and contractors who demand premium comfort and advanced technology

	MODEL	LB 436 HD
	BALER DIMENSIONS	
	Width x height (cm)	120 x 90
	Max. length (cm)	2,6
	TRACTOR REQUIREMENTS	
	Minimum PTO power (kW / hp)	188/250
	Hydraulic distribution (single)	1
	Hydraulic distribution (double)	2
	PICK-UP	
	Width (mm)	2,352
	Guard type	Poly plastic pick-up
	Guard wheels	Fixed or castoring
	ROTOR CUTTER	
	Maximum number of knives	29
	Knive activation in / out	Hydraulic
	Knive protection	Individual springs
	FEEEDING SYSTEM	
	Feeder	Rotor
	PLUNGER	
	Speed (strokes/min.)	48
	TYING SYSTEM	
	Туре	TwinePro - double knot type
	Number of knotters	6
	Knotter fans and type	3 electric fans
ė	Knotter function alert	Yes
	Twine bale capacity	36 twine XL spools
	BALE DENSITY CONTROL	
	Proportional 3-way control	AFS Pro 700
	TYRES	
	Steered tandem axle large tyres	600/55 - 26.5
	BALER DIMENSIONS	
	Width overall (mm)	3000
á	Weight (kg)	14500
	OTHER EQUIPMENT	
	Automatic greasing system	Standard
	Bale release system	Standard
	Working lights	Standard
-	Hydraulic folding roller bale chute	Standard
	TwinePro	Standard

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Safety never hurts! Always read the Operator's Manual before working with any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AKCELA** lubricants. Printed in New Zealand – 04/2020 – 19C3002NZ.

