

# NEW LB436 HD

ROTOR CUTTER & PACKER FEEDER  
120 x 90 cm



**MACHINE  
OF THE YEAR**

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**CASE IH**





# LB436 HD SERIES

## READY FOR NEW CHALLENGES

### PROFIT FROM INNOVATION

The requirements of contractors and large operations are changing and it's our job to make sure that straw logistics stay profitable. Produce bales up to 500kg and more in the 120x90 segment to get the most of your transport and storage capacity.

The LB436 HD uses an innovative new system to generate these high density bales, combined with equally exceptional reliability and long-lasting quality to keep your total operating costs low.



### CAPACITY

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



### DENSITY

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 & advanced technology



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# BRINGING DENSITY TO YOUR BUSINESS

## 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 conventional large square balers.

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 capacity.

1

### HEAVY DUTY FRAME AND NEW MAIN GEARBOX

- More durability
- Long lifetime
- High resale value
- Low maintenance costs

2

### MID SHIP GEARBOX

- Overload protection
- Easy startup, less wear on tractor components
- High productivity and less downtime caused by overloads



3

#### TWINEPRO TECHNOLOGY

- Ability to use various brands of twine
- No feed contamination
- Stable bales without twine snapping

4

#### LARGE TWINE BOX & XL TWINE SPOOL

- High autonomy
- Easy maintenance

5

#### LARGER TYRES

- Reduced soil compaction
- Low roll resistance

6

#### SHORT DRAWBAR

- High visibility and good maneuverability
- Adjustable height hitch

7

#### DUAL AXLE HYDRAULIC SUSPENSION

- Smoother ride at high speed
- High efficient baler driving concept
- Easy and comfortable maintenance

8

#### STRONGER PLUNGER. NEW DENSITY RING

- Lower Cost of ownership
- Long service life







# THE KNOTTING REVOLUTION

## TWINEPRO TECHNOLOGY

**TWINEPRO IS THE NEW PATENTED KNOTTER INNOVATION BY CASE IH. THE SIX TWINEPRO KNOTTERS USE A SIMPLE SYSTEM TO CREATE A HIGH-STRENGTH LOOP KNOT, ALLOWING THE OPERATOR TO ACHIEVE MAXIMUM DENSITY WITH A WIDE RANGE OF TWINES WITHOUT THE RISK OF BALES BURSTING.**

### **INCREASED DAILY PRODUCTIVITY THROUGH GREATER BALE EFFICIENCY**

Strain on knotter components is eliminated and less pressure is exerted on the twine. TwinePro provides maximum tying reliability and maximum twine tensile strength while ensure lower risk of exploding bales even at high bale density. Snapping twine and unrolling knots are a thing of the past.





DEERING KNOT  
(STANDARD)



MCCORMICK KNOT  
(LOOP)



### UP TO 30% STRONGER LOOP KNOT

TwinePro combines Deering and Loop knots in a sequence with just one cut. Once the first standard knot is tied, a second knot – the loop knot – is tied for additional bale stability. Compared to a single knotter system, twine is not held during the bale formation process with the double knotter system.

### MAXIMUM SAFETY FOR LIVESTOCK AND NO ENVIRONMENTAL POLLUTION

The elimination of twine offcuts prevents contamination of the animal feed and significantly improving forage quality. TwinePro also helps reduce the impact on the environmental since it does not deposit offcuts across the field or during transport. For every 10,000 bales produced, about 3000 m worth of twine offcuts are eliminated per season, which would otherwise be left to pollute the ground and crop.

### MAKE YOUR WORK EASIER WHILE REDUCING YOUR COSTS

Thanks to the high tensile strength of the system, only 6 twine strands are needed to guarantee best bale stability even at highest bale densities (200 kg/m<sup>3</sup> and more).

- Cost savings TwinePro eliminates offcuts left loose on the bale and in the field. In addition, less damages are left on the twine which reduces the overall costs.
- Less knotter maintenance The system prevents knotter misties due to the twine ends (no need to jump off your tractor). You'll do far less re-baling.
- Lower transport costs Thanks to the high density of the bales, you'll be able to produce fewer bales per hectare which reduces handling requirements. Thanks to the high density of the bales, you'll be able to produce fewer bales per hectare which reduces handling requirements.





## PERFECTION BALE BY BALE

The ideal solution for your feed

### PICK-UP & 5 TINE BARS

The cam pick-up with a working width of 235 cm, 5 tine bars and perfect tine distribution reliably and cleanly picks up the swath even at higher speeds.

### UNIQUE PRE-CHAMBER CONCEPT

The perfect bale begins in the pre-chamber chamber:

- The LB436 HD provides outstanding bale shape, which is the result from the pre-chamber creating equal slices
- 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.

### 7 CYLINDERS

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

- Extremely robust compression chamber
- High-performance density ring with 7 double-acting cylinders
- Compression cylinder generates up to 62t of force for uniform bale density, even in changing conditions



# PERFORMANCE INSIDE FOR MAXIMUM OUTPUT

A productivity boost for your business

## PTO CONNECTION

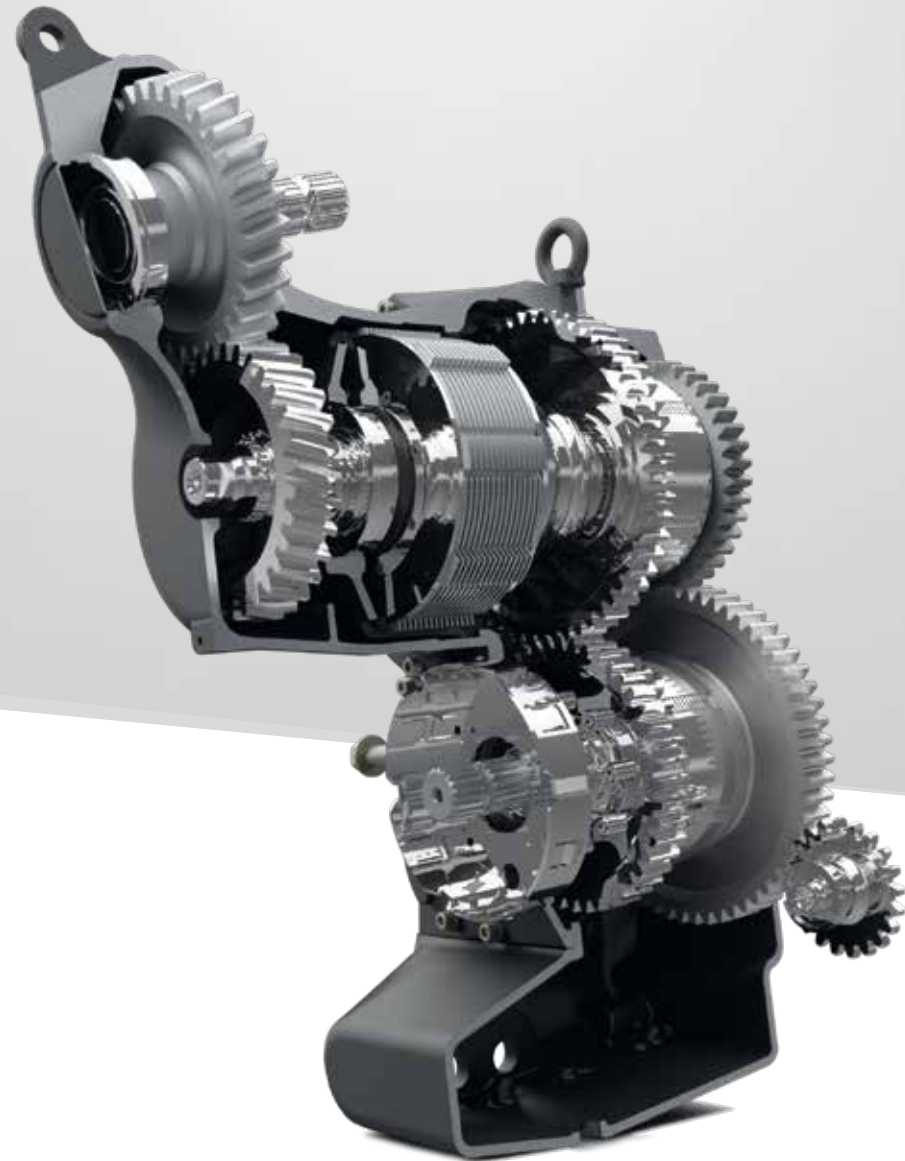
The LB 436HD series is equipped with a short drawbar providing maximum manoeuvrability on headlands. A free rotating PTO is also available for easy and straight forward PTO connection.

## THE INNOVATIVE MID-GEARBOX

The baler starts easily and smoothly thanks to the two-speed start-up mid-gearbox technology.

The baler flywheel will speed up in two stages, from 0-684rpm and then from 684-1,244rpm. Then, a message displayed on the tractor's ISOBUS display will indicate that engagement of second gear is permitted and tractor engine speed can be increased to bring the PTO speed to 1,000rpm, raising the speed of the baler flywheel to its maximum 1,445rpm

The mid-gear bow allows a straight power transmission to keep your tractor driveline protected and minimising wear on tractor components. In addition, it features an automatic declutch in case of overload.



# HANDLING & COMFORT

Our best case for high density bales

**THE LB436 HD IS DESIGNED FOR OPTIMAL DRIVER COMFORT: SIMPLE TO OPERATE AND EASY TO HANDLE. EQUIPPED WITH 26.5" TYRES, IT ENSURES MINIMAL GROUND PRESSURE, OPTIMAL TURF PROTECTION AND EXCELLENT SMOOTH RUNNING WHILE KEEPING THE BALER WITHIN 3.0M FOR ROAD TRAVEL.**

## **3 METERS WIDTH OVERALL**

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 and feeding area and makes the machine more maneuverable. The practical hose cabinet keeps all connecting hoses and cables organized.

## **DUAL AXLE HYDRAULIC SUSPENSION**

The Case IH LB436 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 HP tractors, saving fuel.





# YOUR LINK TO THE FUTURE

Comprehensively connected for maximum efficiency

## ISOBUS CLASS III

Electronics also play a major role in the development of the LB 436HD baler. The baler meets the latest ISOBUS 3 ready from factory (tractor speed control & overload management) so that its intuitive, newly-designed user interface can be accessed via any ISOBUS compatible terminal.

## AFS FEEDRATE CONTROL TECHNOLOGY

Using AFS Feedrate Control, the baler controls the tractor's forward speed through ISOBUS Class III commands, maintaining desired capacity and bale slice thickness. The system then calculates the best speed based on the information received from the sensors installed on the baler.

## ADVANTAGES

- Increased operator comfort**  
 With Feedrate Control, fewer operator interventions are needed. You can focus on other tasks, be more precise and run the all day without worrying about bale quality.
- Lower baling costs**  
 Get maximum capacity, without overloading the baler. This ensures less damages to the shield bolt and results in reduced maintenance costs.
- Fuel savings**  
 Optimizing the feedrate throughput all over the day provides up to 5% fuel savings.
- Up to 9% more tons/per hour**  
 Tractor and baler consistently operate at maximum capacity to maintain the highest productivity.









**CASE IH**

AFS

HD

15436

## **SERVICE AT EYE LEVEL**

A partnership that goes even further

The same applies to the service area as to all our machines and products: Only the best is good enough. We are always there for you if you have a question or need uncomplicated and quick help. To do this, we use our strong local network and all the possibilities of the digital age. You also benefit from our carefully thought-out service packages and programs. All parts of our machines meet the highest quality standards – but if something should break, we have the necessary expertise, can guarantee fast response times and offer a wide range of original spare parts. You can rely on us: we always take care of you and your business!



## ALWAYS STAY IN TOP SHAPE

Reduced maintenance effort – reduced maintenance costs

### HIGHEST CROP FLEXIBILITY

Thanks to the hydraulic dropfloor and a knife drawer which can be slided out different knife configurations can be installed to maximize crop to crop flexibility.

### TILTABLE TWINEBOX

The demands for quality, servability 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 LB436 HD balers, featuring modern, bright LEDs for maximum visibility, even in the darkest night.

### LUBRICATIONS

The automatic lubrication system minimises downtime and maintenance work.



Case IH LB Balers are built for performance and designed to require minimum maintenance so that preparation takes up the minimum amount of time. When it comes to maintenance, the dust-proof twine boxes makes serviceability easier with the tiltable feature and the service work light package.





## SERVICE TEAM

Be a farmer, we take care of the rest

**THE CASE IH SERVICE TEAM, A STRONG DEALER NETWORK BACKED UP BY LOCAL CASE IH MARKET TEAMS, INDUSTRY-LEADING CASE IH SUPPORT TOOLS, MODERN TRAINING METHODS, BEST-IN-CLASS SPARE PARTS SUPPORT AND LOGISTICS PERFORMANCE: THESE PROVIDE CASE IH CUSTOMERS WITH EXCELLENT ALL-ENCOMPASSING AFTER-SALES SERVICE, KEEPING YOU FARMING!**

### **GENUINE PARTS** WE KEEP YOUR EQUIPMENT RUNNING.

Your local Case IH dealer and our dedicated 24/7 parts call centre technicians and their logistics colleagues are all part of the Case IH ServiceTeam network. They're highly trained to give you expert advice and solve problems, ensuring the correct, genuine Case IH parts are located and dispatched right away, reaching you next day or sooner to keep your machine in top condition.

### **MAXSERVICE** AROUND THE CLOCK. AROUND THE COUNTRY.

When you're working around the clock, MaxService ensures you're never alone. It's a dedicated helpline that connects you to the Case IH ServiceTeam 24/7. Call technicians at your local dealer are ready to assist with technical advice, software solutions and genuine parts ordering. At peak season, we can keep you farming with breakdown assistance.

### **SAFEGUARD WARRANTY** SAFEGUARD THREE-YEAR WARRANTY

The best things come in threes: Our extremely high quality standards and continual improvements to our products have allowed us to offer a 3-year factory warranty. The warranty covers all necessary repairs in years 2 and 3 to the extent of the base warranty. Labour and Case IH original parts are covered for every warranty repair without any unexpected cost to you. Terms and conditions apply, call your local Case IH dealer for details!





**OPTIMAL FINANCING SOLUTION FOR EVERY INVESTMENT.**

CNH Industrial Capital is the financing company for Case IH. Our employees are financial experts and have many years of experience in agriculture. We do not only know about Case IH products and the market – we also understand the individual requirements of your operations.

Therefore we are always able to offer you a financial solution for your new investments that is tailored specifically to your operational requirements. Our most important goal is improving the profitability of your investments!

# SUSTAINABILITY

It's a part of everything we do

**CASE IH IS PART OF CNH INDUSTRIAL, ONE OF THE WORLD'S LARGEST CAPITAL GOODS COMPANIES. IT HAS A FIRM FOCUS ON ITS ENVIRONMENTAL RESPONSIBILITIES, AND HAS BEEN A NINE-TIME LEADER IN THE DOW JONES SUSTAINABILITY INDEX.**

Being a global leader in capital goods carries great responsibilities, which means that we must be accountable for every global activity we perform. Our responsibility does not stop at the factory gate, and we have made great efforts to be proactive when it comes to the broader global issues surrounding sustainability. Over the years, our work in research and development has been geared towards ensuring that our products continue to achieve increasingly high standards in terms of safety and eco-compatibility. Rather than limiting customers to a choice between low operating costs and eco-efficiency, our strategy is to offer products that deliver both.

At Case IH, our engineers are focused on producing machines that not only work on the land, but work with it too.

#### THE SUSTAINABILITY GROWTH DRIVERS ARE:

- Necessity of feeding an increasing population
- Importance of soil protection for future generations
- Growing sustainable farming solutions
- Increasing public awareness
- Fostering public engagement







**REDUCE THE CONSUMPTION  
OF RESOURCES BY MOVING FROM FOSSIL  
FUELS TO A RENEWABLE ENERGY SYSTEM**



**INCREASE  
AGRICULTURAL PRODUCTIVITY TO  
IMPROVE FOOD AVAILABILITY**



**REDUCE ENVIRONMENTAL IMPACT  
AND OPTIMISE ENERGY CONSUMPTION  
IN ALL COMPANY PROCESSES**




**INCREASE OPPORTUNITIES FOR  
EXCHANGING IDEAS AND GOOD PRACTICES  
WITH ALL STAKEHOLDERS**

MODEL	ROTOR CUTTER	PACKER FEEDER
<b>BALER DIMENSIONS</b>		
Width x height (cm)	120 x 90	120 x 90
Max. length (cm)	300	300
<b>TRACTOR REQUIREMENTS</b>		
Minimum PTO power (hp)	250	230
Hydraulic distribution (single)	1	1
Hydraulic distribution (double)	2	2
<b>PICK-UP</b>		
Width (mm)	2,35	2,35
Guard type	Poly plastic pick-up	Poly plastic pick-up
Guard wheels	Fixed or castering	Fixed or castering
<b>FEEDING SYSTEM</b>		
Type	Rotor	Packer
Maximum number of knives	29	-
Knife activation in / out	Hydraulic	-
Knife protection	Individual springs	-
Packer concept	-	3 forks with 3 tines each
<b>PLUNGER</b>		
Speed (strokes/min.)	48	48
<b>TYING SYSTEM</b>		
Type	TwinePro - Double knot type	TwinePro - Double knot type
Twine type	TAMA SUPREME HD	TAMA SUPREME HD
Number of knotters	6	1
Knotter fans and type	3 electric fans	3 electric fans
Knotter function alert	yes	yes
Twine bale capacity	36 twine XL spools	36 twine XL spools
<b>BALE DENSITY CONTROL</b>		
Proportional 3-way control	AFS Pro 700	AFS Pro 700
<b>TYRES</b>		
Steered tandem axle large tyres	600/55 - 26.5	600/55 - 26.5
<b>BALER DIMENSIONS</b>		
Width overall (mm)	3000	3000
Weight (kg)	14500	14360
<b>OTHER STANDARD &amp; OPTIONAL EQUIPMENT</b>		
Automatic greasing system	Standard	Standard
Last bale release system	Optional	Optional
Working lights	Optional	Optional
Hydraulic folding roller bale chute	Standard	Standard
TwinePro	Standard	Standard



     
[caseih.com](http://caseih.com)

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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.

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