

LB436 HD

LB436 HD

ROTOR CUTTER & PACKER FEEDER
120 x 90 cm



CASE IH

CASE IH


THE LARGE BALER RANGE

6 models – bale dimensions from 80 x 70 cm up to 120 x 90 cm



The new generation of LB balers has been redesigned and refined throughout to produce machines that are even more productive than their predecessors. Each is designed to bale more productively, more profitably and more enjoyably.


LB436 HD

 **BALE SIZE (WIDTH x HEIGHT)**
120 x 90 cm

 **FEEDER**
Packer / Rotor Cutter (29 knives)

 **DENSITY LEVEL / NUMBER OF CYLINDERS**
High Density / 7

 **TRACTOR PTO POWER REQUIREMENT ⁽¹⁾**
230 hp / 250 hp

 **PICKUP WIDTH**
2,350 mm

 **NUMBER OF KNOTTERS**
6

 **LENGTH OF BALE CHAMBER**
4,050 mm



⁽¹⁾ Depending on rotor type


LB424 XLD

 **BALE SIZE (WIDTH x HEIGHT)**
120 x 70 cm

 **FEEDER**
Rotor Cutter

 **DENSITY LEVEL / NUMBER OF CYLINDERS**
Extra Density / 2


 **TRACTOR PTO POWER REQUIREMENT ⁽¹⁾**
170 hp

 **PICKUP WIDTH**
2,350 mm

 **NUMBER OF KNOTTERS**
6

 **LENGTH OF BALE CHAMBER**
3,340 mm

LB424 / 434 XL

 **BALE SIZE (WIDTH x HEIGHT)**
120 x 70 cm or 120 x 90 cm

 **FEEDER**
Packer / Rotor Cutter (15 or 29 knives)

 **DENSITY LEVEL / NUMBER OF CYLINDERS**
Standard / 2

 **TRACTOR PTO POWER REQUIREMENT ⁽¹⁾**
102 hp / 109 hp / 129 hp


 **PICKUP WIDTH**
2,230 mm / 2,350 mm


 **NUMBER OF KNOTTERS**
6

 **LENGTH OF BALE CHAMBER**
3,340 mm

LB324 / 334 XL

 **BALE SIZE (WIDTH x HEIGHT)**
80 x 70 cm or 80 x 90 cm

 **FEEDER**
Packer / Packer Cutter (6 knives) /
Rotor Cutter (9 or 19 knives)

 **DENSITY LEVEL / NUMBER OF CYLINDERS**
Standard / 2

 **TRACTOR PTO POWER REQUIREMENT ⁽¹⁾**
122 hp / 150 hp

 **PICKUP WIDTH**
1,970 mm

 **NUMBER OF KNOTTERS**
4

 **LENGTH OF BALE CHAMBER**
3,340 mm

LB436 HD AT A GLANCE

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 500 kg and more in the 120 x 90 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.

Today, the new LB436 HD series comes with a worldwide innovative system to harness full potential in baling. The industry-leading Baler Automation system fully automates the driving operation keeping maximum baler load throughout the day with minimum operator fatigue.



CAPACITY

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



DENSITY

Plunger and bale chamber for 500 kg per bale in all crops



AUTOMATION

Worldwide innovative system to harness the full potential in hay and forage application



EASE OF USE

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

TWINEPRO™ TECHNOLOGY

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

LARGE TWINE BOX & XL TWINE SPOOL

- High autonomy
- Easy maintenance

LARGER TYRES

- Reduced soil compaction
- Low roll resistance

SHORT DRAWBAR

- High visibility and good maneuverability
- Adjustable hitch height

DUAL AXLE HYDRAULIC SUSPENSION

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

STRONGER PLUNGER AND DENSITY RING

- Lower cost of ownership
- Long service life

AFS feedrate technology and

ISOBUS III

compatibility

120 x 90 cm
Bale dimensions

HEAVY DUTY FRAME AND NEW MAIN GEARBOX

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

MID SHIP GEARBOX

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

NEW BALER AUTOMATION SYSTEM

OPERATOR COMFORT

- Bale quality
- Productivity
- Fuel efficiency

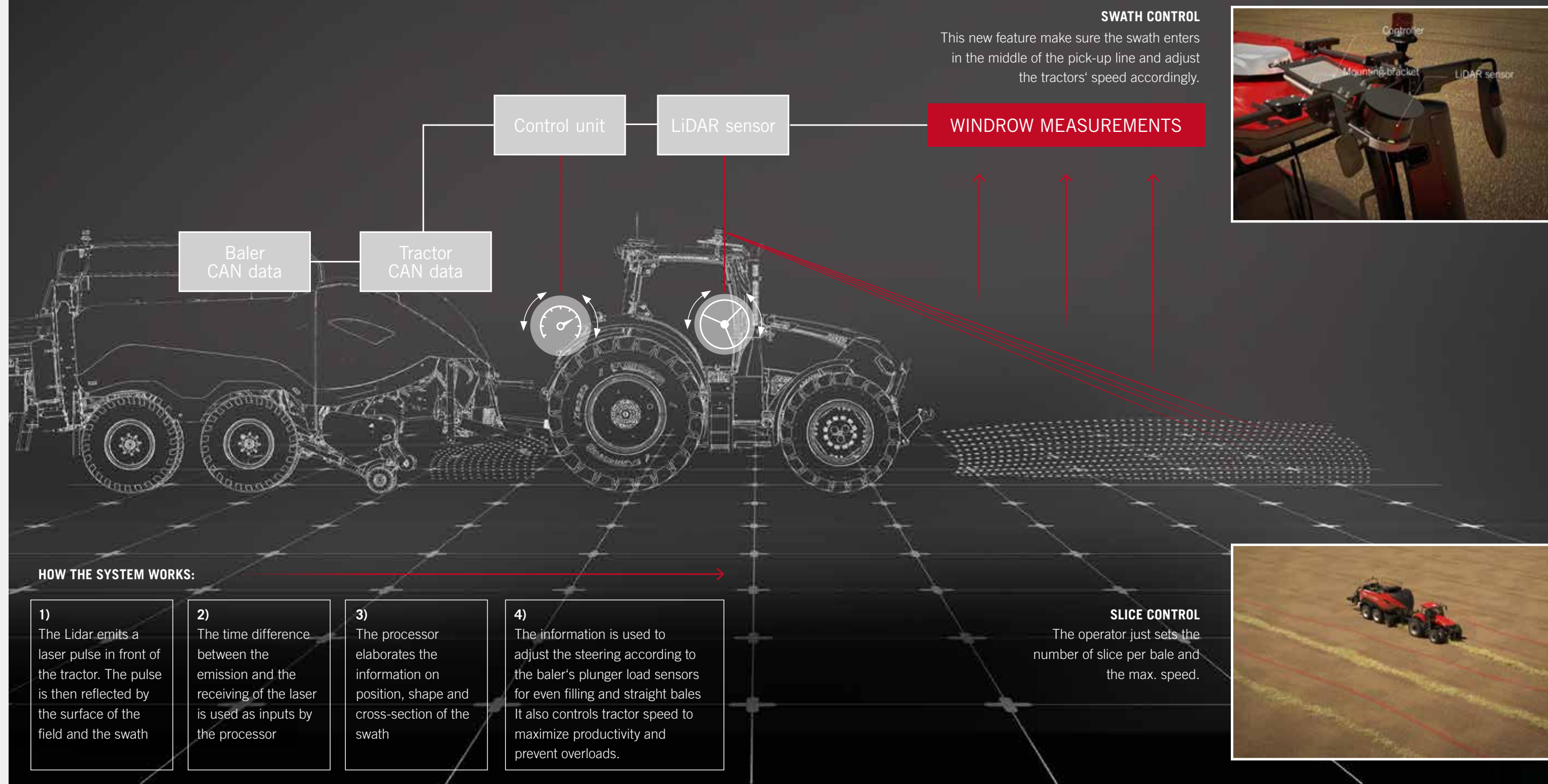


230 hp
minimum PTO power

NEW CASE IH AUTOMATION SYSTEM

Next generation of efficiency in every bale!

Bringing industry-leading automation to large square balers, Case IH's next generation baler automation offers seamless, hands-free efficiency from the first bale to the last. Enabling your tractor and baler to work as one, Case IH Baler Automation gives any producer the reliable performance of an experienced operator without the learning curve.



SUPERIOR COMFORT
easy driving and less fatigue thanks to the autonomous tractor control



PRODUCTIVITY
maximise baler throughput without operator fatigue and preventing overloads



BALE QUALITY
great bale quality due to the uniform bale shape filling bale shape and density always at the superior level



FUEL EFFICIENCY
Optimisation of fuel consumption thanks to controlled



THE KNOTTING REVOLUTION

TwinePro™ technology

Increased twine strength for
no plastic residue

left in the field



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 bale bursting.

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 ensuring superior bale shape and stability even at high bale density. Snapping twine and unrolling knots are a thing of the past.

The TwinePro™ knotter is the market reference for knotting system on large balers and today has been improved even further. The new twine disc cleaner will provide best clearance of the disc to avoid crop building up inside the twine disc. Moreover, no twine offcuts to avoid pollution and feed contamination.

MAXIMUM SAFETY FOR LIVESTOCK AND NO ENVIRONMENTAL POLLUTION

TwinePro eliminates twine offcuts, preventing feed contamination and enhancing forage quality. It reduces environmental impact by not leaving offcuts in fields or during transport. For every 10,000 bales, 3,000 m of twine are saved, avoiding ground and crop pollution.

MAKE YOUR WORK EASIER WHILE REDUCING YOUR COSTS

Thanks to the high tensile strength of the system, only 6 twine strings are needed to guarantee best bale stability even at highest bale densities (200 kg/m³ and more).

- TwinePro saves the environment since offcuts left loose on the bale and in the field are eliminated.
- 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.

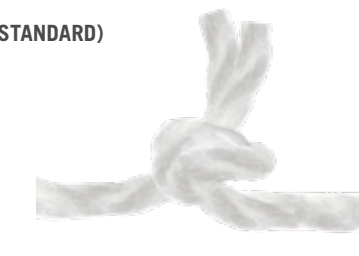
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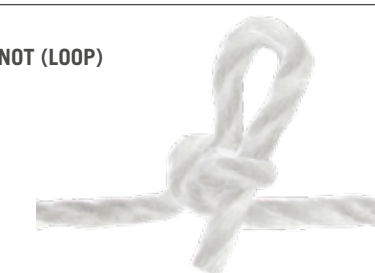
UP TO 30 % STRONGER LOOP KNOT

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.

DEERING KNOT (STANDARD)



MCCORMICK KNOT (LOOP)





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 speed.

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.

- The LB436 HD provides outstanding bale shape, which is the result from the prechamber creating equal slices.
- Sensor plate: admits the material to the main compression chamber by the retention finger.

SEVEN DENSITY RING CYLINDERS

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

- Extremely robust compression chamber
- High-performance density ring with 7 double-acting cylinders
- The strong compression cylinder generates uniform bale density, even in the toughest conditions.

PERFORMANCE INSIDE FOR MAXIMUM OUTPUT

A productivity boost for your business

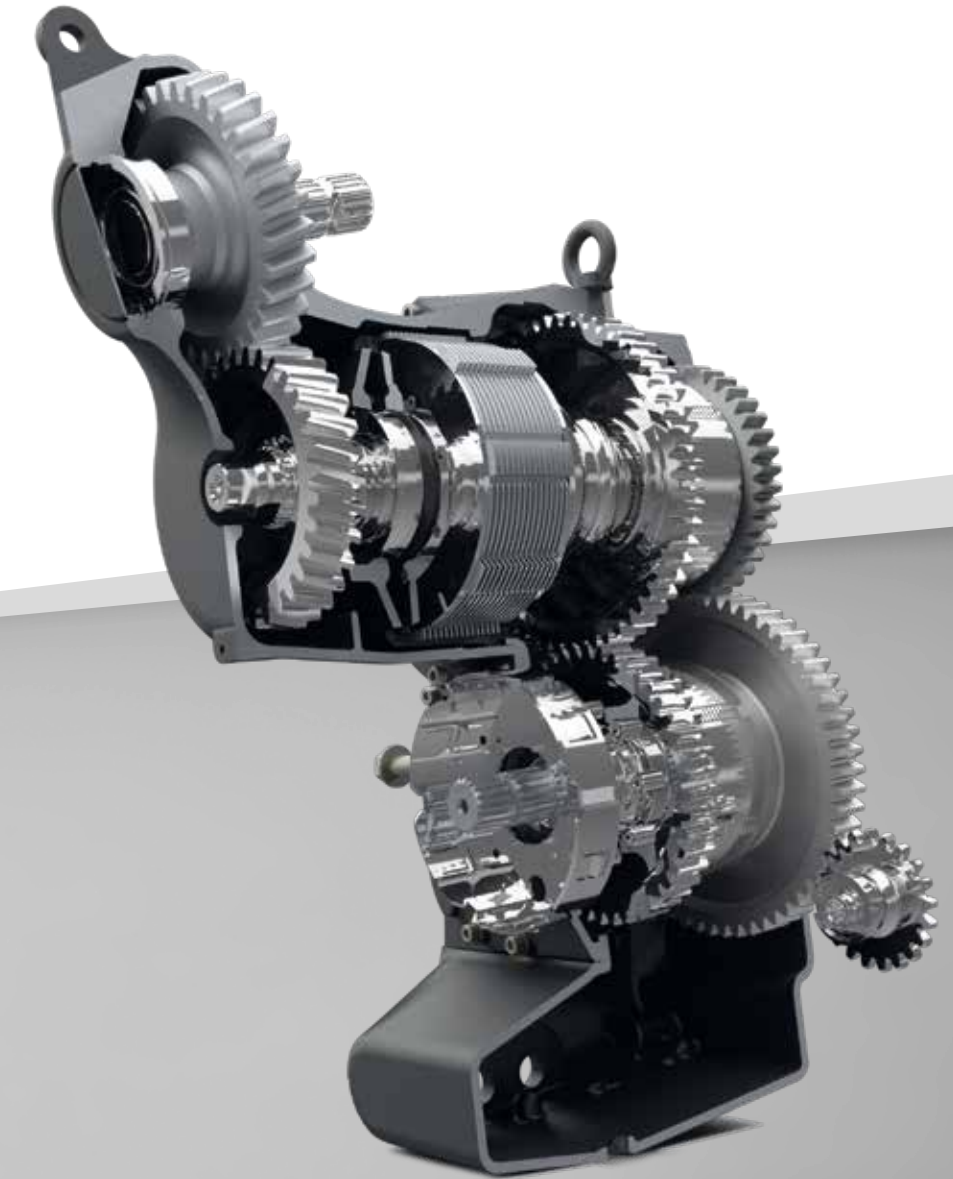
PTO CONNECTION

The LB436 HD 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 0-684 rpm and then from 684-1,244 rpm.

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 1,000 rpm, raising the speed of the baler flywheel to its maximum 1,445 rpm. The mid-gearbox 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

NEXT GENERATION EFFICIENCY IN EVERY BALE

Comprehensively connected for optimal performance



ISOBUS CLASS III

Electronics also play a major role in the development of the LB436 HD 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. All LB models passed the AEF ISOBUS conformance test offering even more compatibility.

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.

BALER AUTOMATION RUN SCREEN

The screen provides a clear overview of all the Baler Automation functions:

- Detection of the swath
- Dynamic speed
- Actual tractor speed
- Slice thickness target
- Button to shift to the standard screen

ADVANTAGES

- **Increased operator comfort**
Thanks to the proactive baler load adjustment, the operator experiences easy driving and less fatigue.
- **Lower baling costs**
Get maximum capacity, without overloading the baler. This ensures less damages to the shield bolt and results in reduced maintenance costs.
- **Up to 9 % more tons per hour**
Tractor and baler consistently operate at maximum capacity to maintain the highest productivity.

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.

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.

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.

The full baler height can be changed either via display or by pushing a button at the rear of the baler. 7 positions are available:

- 1x Fully up
- 5x Working positions
- 1x fully down for easier access to service





PARTS AND SERVICES

Solutions for your farming

Our professional dealer network backed up by local Case IH teams, industry-leading Case IH support tools, modern training methods, best-in-class replacement parts, support and logistics performance. All you need for an excellent all-encompassing after-sales service to keep you farming.

GENUINE **PARTS** THE IDEAL CHOICE

Our wide range of top quality genuine parts can help maintain the full potential of your machine, season after season, guaranteeing top performance, utmost productivity and high residual value.

REMAN **PARTS** REMANUFACTURED

Cutting-edge technology, tailored tooling, equipment and stringent quality testing allow us to remanufacture essential components of your machine to the highest standards, ensuring the same performance as new parts.

ACCESSORIES **LINE** BUSINESS SOLUTIONS

Our engineers also develop solutions to cover every one of your individual demands, packaged into kits and designed to help improve business efficiency. Your Case IH dealer offers a host of partner-branded tools, small parts and accessories provided by selected partner suppliers.

MAX **SERVICE** AROUND THE CLOCK. AROUND THE COUNTRY.

The Case IH support operates around the clock in high season, in close partnership with the dealer network, to minimise any downtime you might experience. Your dealer, together with Case IH Parts & Service team, has the main goal of getting you back to work as quickly as possible. Solutions may come through the priority shipment of needed parts (24/7), the support on field of Case IH technicians, courtesy units wherever applicable.


SAFEGUARD **WARRANTY** PROTECT YOUR INVESTMENT

The Case IH Extended Warranty program under the same condition as the first year. SAFEGUARD WARRANTY allows you to protect your investment from exposure to risk of unexpected repair cost, farm with peace of mind, keep operating costs under control and, at same time, increase machine resale value.

CNH | CAPITAL

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 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!

 Free phone: 00 800 22 73 44 00

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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MODEL	ROTOR CUTTER	PACKER FEEDER
BALE DIMENSION		
Width x height [cm]	120 x 90	120 x 90
Length [cm]	100-300	100-300
TRACTOR REQUIREMENTS		
Minimum PTO power [hp]	250	230
Hydraulic distribution (single)	1	1
Hydraulic distribution (double)	2	2
PICK-UP		
Width [mm]	2,35	2,35
Guard type	Poly plastic pick-up	Poly plastic pick-up
Guard wheels	Fixed or castering	Fixed or castering
FEEDING SYSTEM		
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
BALE CHAMBER		
Plunger strokes [min ⁻¹]	48	48
Chamber Dimensions [cm]	120x90	120x90
TYING SYSTEM		
Type	TwinePro™ - Double knot type	TwinePro™ - Double knot type
Number of knotters	6	6
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
BALE DENSITY CONTROL		
Proportional 3-way control	AFS Pro 700 Plus & AFS Pro 1200	AFS Pro 700 Plus & AFS Pro 1200
TYRES		
Steered tandem axle large tyres	600/55 - 26.5	600/55 - 26.5
BALER DIMENSIONS		
Width overall [mm]	3,000	3,000
Weight [kg]	14,500	14,360
OTHER STANDARD & OPTIONAL EQUIPMENT		
Hydraulic folding roller bale chute	Standard	Standard
Automatic greasing system	Standard	Standard
Last bale release system	Optional	Optional
Working lights	Optional	Optional

