

CASE IH

AGRICULTURE

FOR THOSE WHO DEMAND MORE

NEW LB436 HD

ROTOR CUTTER - 120x90cm



**MACHINE
OF THE YEAR**

€grarheute 2020 traction



80
BALES / HOUR

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

HEAVY DUTY FRAME AND NEW MAIN GEARBOX

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

STRONGER PLUNGER, NEW DENSITY RING

- Cost of ownership
- Long service life

MID SHIP GEARBOX

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

NEW LOOP KNOTTER

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

LARGE TWINE BOX & XL TWINE SPOOLS

- High autonomy
- Easy maintenance

LARGER TYRES

- Improved soil compaction
- Low roll resistance

SHORT DRAWBAR

- High visibility and good maneuverability
- Adjustable height hitch

DUAL AXLE HYDRAULIC SUSPENSION

- Smoother ride at high speed
- Easy startup, less wear on tractor components
- High productivity and less downtime caused by overloads



CAPACITY & DENSITY

Concentrated technology for your feed



PICK-UP & 5 TINE BARS

The steerable pick-up bar with a working width of 235 cm, 5 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.

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 62 t of force for uniform bale density, even in changing conditions

62_t
PRESSURE



PRODUCTIVITY & 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 3 standard (tractor speed control & overload management) so that its intuitive, newly-designed user interface can be accessed via any ISOBUS compatible terminal.



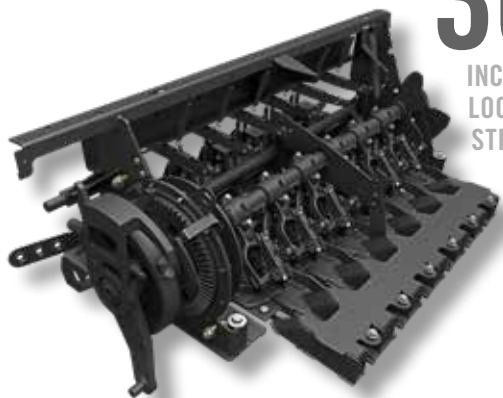
MID-GEAR BOX

- 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 gear box for safer brake with significantly reduced risk of fire.

1,455rpm



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.

HANDLING & COMFORT

Our best case for high density bales



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 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 HP tractors, saving fuel.



26.5"
TYRES

EASINESS & RELIABILITY

Less maintenance means lower costs



TILTABLE TWINEBOX

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



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



MODEL	LB 436 HD
BALER DIMENSIONS	
Width x height (cm)	120 x 90
Max. length (cm)	260
TRACTOR REQUIREMENTS	
Minimum PTO power (kW / hp)	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 castering
ROTOR CUTTER	
Maximum number of knives	29
Knife activation in / out	Hydraulic
Knife protection	Individual springs
FEEDING SYSTEM	
Feeder	Rotor
PLUNGER	
Speed (strokes/min.)	48
TYING SYSTEM	
Type	TwinePro - Double knot type
Twine type	TAMA 2200 or 2600
Number of knotters	6
Knotter fans and type	3 electric fans
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
Weight (kg)	14500
OTHER STANDARD & OPTIONAL EQUIPMENT	
Automatic greasing system	Optional
Bale release system	Optional
Working lights	Optional
Hydraulic folding roller bale chute	Optional
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.

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