

# HD BIG BALER

LB 436 HD



**CASE IH**



# IT'S ALL ABOUT DENSITY

Capacity and density are at the heart of the LB436 HD. Packed with new features such as two speed gearbox, revised plungers, TwinePro twin knot technology and hydraulically suspended axle, this baler is set to lead the field for years to come

**CAPACITY** - the new LB436 HD has high performance with more than 40 tons per hour throughput capabilities.

**DENSITY** - designed with a new plunger and bale chamber for 500kg per bale in all crops

**EASE OF USE** – for professional producers and contractors who ask for premium and advanced technology





## THE MID GEAR BOX

- Speeds up PTO from 1000 to 1445 rpm
- Flywheel brake and fly wheel slip clutch
- Allows smooth startup with 240hp tractors
- Automatic declutch in case of overload

## PLUNGER

- The plunger on this High-Density model is even more durable and has been reinforced to deliver long lifespan.
- Welded design plunger: heavy-duty, capable to cope with higher forces, 55% more plunger force compared to 434 XL Plunger stroke is 748,5mm (XL = 710mm)

## PLUNGER AND LEFT/RIGHT INDICATOR

Load measurement for the automatic density setting and the left/ right indication is done from two integrated load cells. One load pin sensor connects each conrod with the plunger and measure exactly the load on the plunger for Perfect left / right driving indication .

## NEW LOOP KNOTTING TECHNOLOGY

Setting a new standard in knotting technology the HD baler not only increased knot strength but also reduces forage contamination with the elimination of offcuts. Operators can also make savings by using a lower-grade twine due to the increased knot strength.

## DURABLE FRAME DESIGN

The HD baler comes with a strong and robust frame design needed to cope with high plunger forces while maintaining high durability guaranteeing a long life. The frame has been adapted for optimal cable/hose routing and to reduce crop build-up. The bolted drawbar allows for optimal height adjustment. The large top tube design allows for solid main gearbox mounting as well as reducing crop build-up.

## COMPRESSION

The baler chamber is the longest in the segment and ensures consistent productivity in terms of density and bale shape over the entire baling day, even at the highest ambient temperatures. With a bale chamber at 4.05m long, it is 56cm longer than the standard CaseIH XL models.

The unique bale chamber design along with 7 double acting rams ensure perfect bale formation even in varying conditions.

## EXTRA LARGE TWINE BOX

Twine boxes have been designed to accommodate 36 large twine spools, with the capability to connect them all together simultaneously. Giving the operation an estimated 1400 bales before reloading is required. Hydraulically operated swing doors make for easy access the hydraulic axle can be easily lowered to reduce the load height too.

## HYDRAULIC AXLE

The hydraulic axle with suspension delivers improved ground following and ensures perfect weight distribution across the four wheels for low soil compaction and low roll resistance. This design also provides excellent access for maintenance as there are no leaf springs. Hydraulic accumulators give excellent ride quality both on the road and in field. The baler turns easily with the steering axle capable of a 14° turning angle.

## 600/55 R26.5 VERDESTEIN TYRES

The tyres allow for a maximum footprint to reduce soil damage. This ensures easy pully even in wet conditions. Even with the larger tyres fitted the machine's overall width is below 3m



LB436 HD SPECIFICATIONS	
BASE UNIT	
1200mm wide x 900mm wide bale size	
1.0m - 3.0m maximum bale length	
Plunger speed - 48 strokes per minute	
Plunger stroke - 748.5mm	
Electronic Bale Length Control	
Bale density system - in cab adjustable, automatic	
Bale drop indicator	
Electronic baler control system	
Density ring, fitted with 7x double acting hydraulic cylinders for bale formation	
Extra long bale chamber doors with 3-way density control	
Partial and Full Bale Eject (Scales are optional)	
Folding bale chute	
Heavy duty frame	
Hydraulic draft control type	
BALE TYING	
Twine Pro Knotters (6)	
Knotter drive - gearbox and shaft	
Twine capacity - 36 balls	
3x Knotter fans	
REQUIREMENTS FOR OPERATION	
Maximum Hydraulic Pressure 190 bar (2755psi)	
Tractor: 2x sets of double acting hydraulic remotes minimum	
1000rpm 1-3/4in 20 spline PTO shaft	
STANDARD	
Minimum 169kW (230hp) PTO Horsepower	
ROTOR CUTTER	
Minimum 184kW (250hp) PTO Horsepower	
*ISObus Class 3 functionality will require appropriate unlock codes to be purchased to function for suitably compatible tractors only	

The data indicated in this folder are approximate. The models described here can be modified without the manufacturer's notice. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please get in touch with our Dealer Network for any further information. Published by CNH Industrial. Printed for New Zealand - 11/22 - 10012/NZ



LB436 HD SPECIFICATIONS	
PICK-UP WITH ROLLER WINDGUARD	
Pick-up width at deflectors: 2352mm, at external tines: 2200mm	
5 bar pick up with coil steel tines	
Height adjustable pickup wheels	
Red coloured poly pick up guards	
Rotor Cut: Hydraulic actuated Knife Drawer accessed from LHS	
HITCH	
Cat IV Swivel Hitch 51mm and transport hitch	
DRIVE	
Mid-Gearbox, 2 speed with automatic shift for easy start up	
Gearbox driven stuffer assembly	
Dual Load Pin Density Sensors	
1-3/4in dia, 20 spline, 1000rpm PTO	
Flywheel Speed: 1440 rpm	
BALE TYING	
Twine Pro Knotters (6)	
Knotter drive - gearbox and shaft	
Twine capacity - 36 balls	
3x Knotter fans	
MISCELLANEOUS	
Maximum Hydraulic Pressure 190 bar (2755psi)	
Tractor: 2x sets of double acting hydraulic remotes minimum	
1000rpm 1-3/4in 20 spline PTO shaft	
Hydraulic Jack	
Hydraulic suspension system	
Hydraulic folding twine boxes	
LED light package, LED beacon	
Automatic centralised lubrication system	
Automatic chain lubrication system	
Comfort Package - Large toolbox, hand wash station and top railing	
Auto steer tandem axle with hydraulic brakes	
ISObus functionalities*	
Feedrate ISObus 3 and Task Controller (Logging) Unlock*	
AFS Pro 700 Colour Monitor	
Rear Bumper	
Rotor Cut: Maximum number of knives: 29, Short Cut	
Minimum cut length: 39mm	

