



LB SERIES BALERS



▼ **Perfect quality bales.** Consistent crop density, perfect geometric shape and reliable knotting system for bales that are packed with high quality crop and are easy to handle.

Advanced, sleek styling. Looks good and provides better visibility to rear.

High output - low maintenance. Maximum performance day after day with minimum downtime for servicing.

Efficient 3D stuffer system. Consistent bale density in all crops.



2 ejector systems in one baler. Use standard or (optional) partial ejector system - no pre-selection required.

Easy to operate. All LB balers can be ordered as ISOBUS ready for compatible tractors - easy to swap between tractor terminal and dedicated baler monitor.

Reliable knotter system. For trouble-free knotting or thousands of bales - less power consumed, lower noise levels.

Wide tyre options - also on tandem axles. Reduced ground pressure and a smoother ride.

Fold-up covers and easy lift front. Excellent access to storage boxes and knotter.

Easy control of baler functions.
Two different LB baler monitors can be provided if required.

THE CONCEPT

THE LB SERIES - TOP QUALITY IN EVERY BALE.

HIGH PERFORMANCE BIG BALERS FROM CASE IH, THE ADVANCED-LOOK LB SERIES BALERS NOT ONLY SUITS THE CUSTOMER BUSINESS, THEY ARE ALSO STUFFED WITH MODERN FEATURES TO MEET YOUR BUSINESS CHALLENGES, NOW AND WELL INTO THE FUTURE.

LB 323 and LB 333 - ideal for the livestock farmer. Perfect for baling hay and grass silage, capable of forming a high quality, easily transportable 80 x 70cm or 80 x 90cm bale for long term storage.

LB 423 - for medium size farming operations and contractors. Producing 120 x 70cm high density bales for straw, silage and hay, available with a fine cut rotor option for grass silage.

LB 433 - the supersize baler. Designed for high capacity harvesting of all crop types and capable of producing 120 x 90cm silage, hay and straw bales 2.6 metres in length, the most stable size for economic transportation.



					
					
BALE DIMENSIONS	LB 323 / LB 333 STANDARD	LB 333 ROTOR CUTTER	LB 323 / LB 333 PACKER CUTTER	LB 423 / LB 433 STANDARD	LB 423 / LB 433 ROTOR CUTTER
Width x Height (cm)	80 x 70 / 80 x 90	80 x 90	80 x 90 / 80 x 90	120 x 70 / 120 x 90	120 x 70 / 120 x 90
Maximum length (cm)	260	260	260	260	260

Fully ISOBUS compatible. LB balers can be ordered as plug and play ready with all ISOBUS tractors.

Choice of monitors for non-ISOBUS tractors. No programming needed to change between monitor and ISOBUS terminal.

Colour monitor available with rear camera. Easy manoeuvring, see traffic behind on road, monitor bales leaving chute.



Clear overview of baler status. Operating status and any alarm signals can be viewed in a single glance.

Intuitive operator controls. Operator interface is logical and ergonomic – get maximum productivity from day one.

Job printer available. Contractors can hand the customer an invoice on leaving the field.

Bale weighing system available. Load sensors fitted to the chute give you a running total of tonnage processed in the field.

OPERATOR CONTROLS

MAXIMUM PRODUCTIVITY FROM DAY ONE.

WHETHER YOU USE THE ISOBUS TERMINAL IN YOUR TRACTOR OR THE CASE IH PERFORMANCE MONITOR, THE BALER'S STANDARDISED SOFTWARE AND INTUITIVE OPERATOR INTERFACE KEEPS YOU IN TOTAL CONTROL FROM THE MOMENT YOU START TO BALE. FINE TUNING ADJUSTMENTS CAN BE MADE ON-THE-MOVE WITHOUT LEAVING THE TRACTOR SEAT AND THE SELF-DIAGNOSTIC ALARM SYSTEM WILL KEEP YOU FULLY INFORMED SHOULD ANY PROBLEM OCCUR.

Transport mode: PTO speed, hours worked, number of bales plus lubrication and additional operational information can be displayed on-screen. With this mode selected the flashing warning beacon works automatically.

Work mode: Above 600rpm PTO speed the screen changes automatically; the beacon is switched off and the knotter fans and lubrication system switched on.

Total control: The monitor display gives you an overview of operating status at-a-glance. You get maximum productivity even with drivers new to Case IH LB balers because the operator interface is so clearly laid out that it is virtually self-explanatory. And, once the baler is set up, you never have to change any settings if you use a different tractor - the control system remains the same whether you use the Case IH monitor or any ISOBUS tractor terminal.



▲ **Warning signals at a glance.** In Work mode, a series of automatic alarms monitor twine condition and knife position. They also warn of any misties or shearbolt failures. For additional safety a sensor fitted to the end bale chute roller signals the last bale drop.

Wide pickup. Up to 2.4 metres wide for efficient and clean crop collection.

Improved crop flow. Reduced risk of jamming with foreign objects.

Pickup wheels easy to adjust. No tools required to adjust pickup to new conditions.

Adjustable wind guard. Improved crop flow for lower losses. Optional Roller-type windguard available for balers with the rotor cutter.

Large PTO flywheel. Smooth performance with lower power requirement.

Heavy duty gearbox. Direct drive to baler components for maximum efficiency.



PICK-UP AND PRECOMPRESSION

SMOOTH CROP FLOW - NO LOSSES.

CASE IH LB BALERS TAKE THE PRESSURE OUT OF WORKING TO TIGHT SCHEDULES. THE PICKUP IS WIDE ENOUGH TO HANDLE THE LARGEST SWATHS PLACED BY THE COMBINE, MOWER OR RAKE. YOU CAN GET STARTED STRAIGHTAWAY, WITH THE CONFIDENCE THAT THE LB WILL MEET EXPECTATIONS SMOOTHLY AND EFFICIENTLY.

Floating pick-up. The LB pickup works at the optimum height for crop collection with the minimum risk of crop damage. At headland turns the large gauge pickup wheels limit soil damage.

To handle changing field conditions the hydraulic pickup lift features an adjustable flotation spring designed to stop the gauge wheels bouncing.

The wind guard or optional roller-windguard can be adjusted manually when required to smooth out an uneven swath.

Nothing left behind. LB big balers offer robust pickups with widths between 1.98 and 2.4 metres that feature steel pick-up tines which are rubber mounted. The entire crop is collected from the windrow and delivered to the pre-compression chamber in a smooth and continuous flow via two centring augers. The bale chamber is uniformly filled so that silage bales retain all their nutritional qualities and all bales retain their preset dimensions for effective transport and multilayer storage.



▶ **Quick and easy to adjust.** The fully adjustable pick-up flotation system can be adjusted without tools for superior field performance.

◀ **Easy-access knife bank.** Knife drawer slides out giving instant access for replacement and sharpening.



▼ **Excellent bale quality.** Improved stability on bale top and corners.

▼ **Optimised 3D stuffer system.** Consistent material density throughout each bale.

▼ **Fewer knives - better cut.** Just 11 knives on LB 323 & 333 medium cut models for a theoretical chop length of 80mm.

▼ **Optimised knife gap.** Space between knives and rotor tines designed for smooth chopping without power peaks.



Two bale eject systems on a single baler. Dedicated levers for each system - no selection required before ejection.

Standard bale ejection. Cleans out bale chamber to allow the bale chute to fold up.

Partial bale ejection. Removes rear bale only - no material is lost from bale chamber.

Durable bale chute. All rollers are fitted with bearings for smooth bale roll-out.

BALE FORMATION

THE PERFECT BALE IN UNDER 60 SECONDS.

WHATEVER THE CROP- LIGHT HAY, DRY STRAW OR WILTED FODDER WITH LONG, SHORT OR FRAGILE STEMS, LB BIG BALERS WILL CONSISTENTLY FORM THE RIGHT BALE IN PERFECT CONDITION FOR BEDDING OR FEEDING. WITH FOUR MODELS IN THE RANGE AND DIFFERENT CROP CUTTER KNIFE OPTIONS YOU CAN CHOOSE THE RIGHT CHOPPING SYSTEM AND BALE DIMENSIONS TO SUIT YOUR FARMING OR CONTRACT OPERATION. BALE DENSITY CAN BE EASILY ADJUSTED FROM THE TRACTOR SEAT USING THE MONITOR.

Smooth-running rotor/cutter. A massive rotor, available in two widths, uses a series of alternating long and short tines that help prevent rotor blockage. Up to 33 knives (depending on model) can be fitted for a short theoretical chop length of 39mm. This is designed to create tight and compact segments for easy distribution in the feeding stalls.

Consistent density bales. As soon the precompression chamber is filled to the required density the stuffer fork pushes the material upward into the bale chamber, this cycle is repeated until the correct bale length is achieved. During the bale forming process the bale chamber's 3D density system keeps the bale in shape. Each bale takes between 45 and 60 seconds to complete and is tied using a double knotting system for minimum wear and tear on the baling twine.



Five crop cutter options:

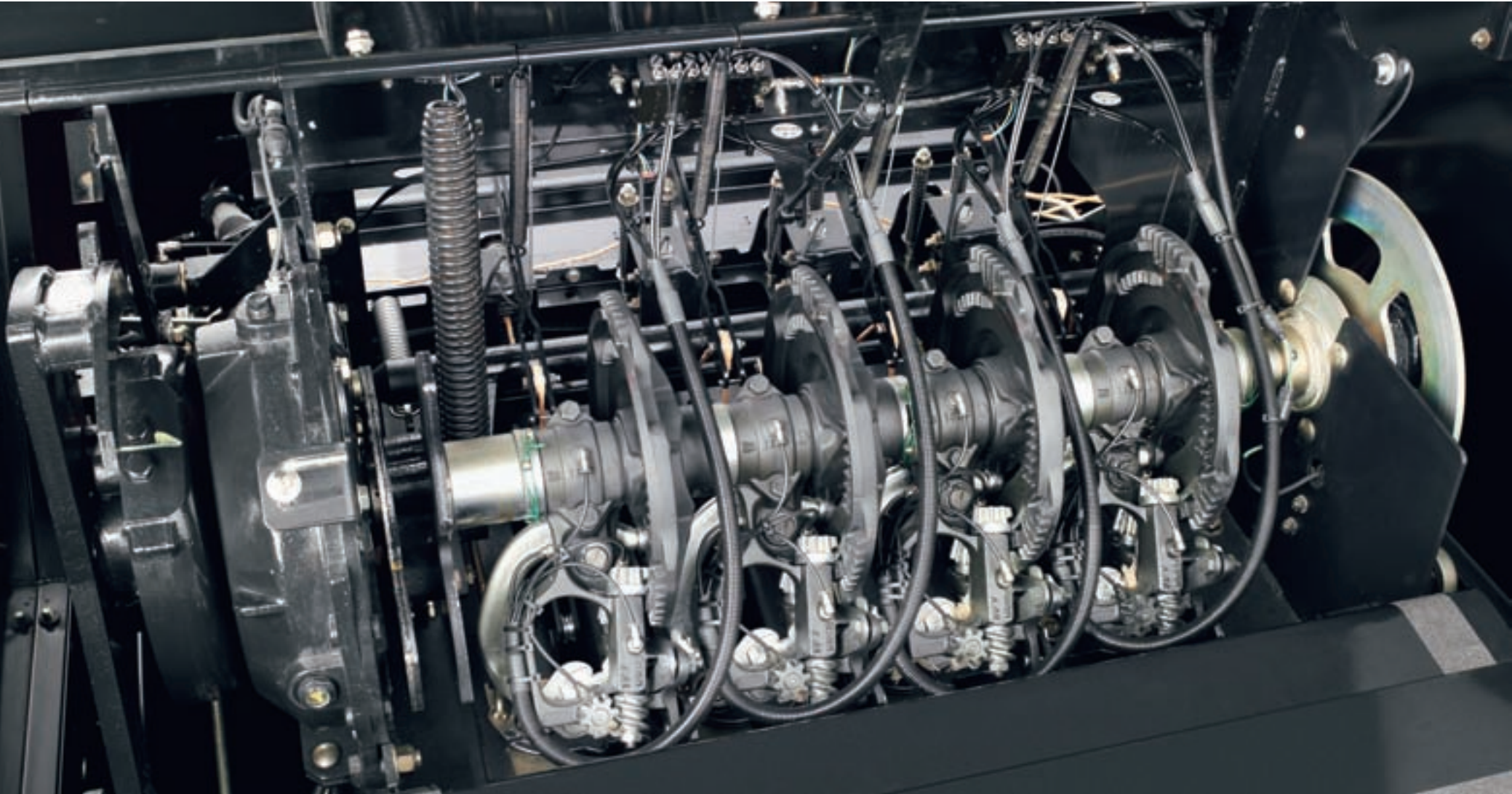
0.80m bale	Packer Cutter – 6 knives
0.80m bale	Rotor Medium Cut – 11 knives
0.80m bale	Rotor Short Cut – 23 knives
1.20m bale	Rotor Medium Cut – 17 knives
1.20m bale	Rotor Short Cut – 33 knives

▲ **Better handling and storage.** Neat and tidy fields and well stacked trailers and barns are the result of superb quality high density bales that are very easy to handle.

More reliable knotting system. No more annoying stoppages means increased performance.

Compact and sturdy bales. Up to six knotters (LB 423 and 433) ensure bales keep their shape, even after numerous handling operations and long transport distances.

Powerful extractor fans. Knotting area is kept free of dust and straw.



Easy-access storage cabinets. Huge side cabinets with a 30 ball capacity and large storage boxes prevent unnecessary stoppages during the day.

Automatic bale chute. Bale chute folds away hydraulically for safe transportation.

Ball bearing rollers on chute. Smooth bale ejection and long service life.

FULLY INTEGRATED RELIABILITY.

CASE IH LB BALERS FEATURES UP TO SIX HEAVY DUTY KNOTTERS (DEPENDING ON THE MODEL) DESIGNED TO DELIVER PERFECT KNOTTING PERFORMANCE BALE AFTER BALE. POWERFUL DEBRIS FANS KEEP THE KNOTTERS CLEAR OF DUST AND STRAW TO ENSURE UNINTERRUPTED HIGH PERFORMANCE BALING. THE SIDE CABINETS ARE SPACIOUS ENOUGH TO HOLD 30 BALLS OF TWINE AND A TOOLBOX.



Huge side cabinets. 30 ball capacity and large storage boxes.



Integrated full and partial ejection systems. No need to preselect – just activate the system you want for maximum productivity.

Safe and sure. As the crop enters the bale chamber twine is fed from two separate balls to both the top and bottom of the bale. This system automatically reduces twine tension when working with heavy, resilient crops. Each bale has two knots on each twine, the first, which ties the two twine balls together in readiness to form the bale, and the second, which completes the bale once the desired length has been reached. The knotters are fitted with sensors on the twine tension rollers to detect any break or mistie.

Keeping in great shape. All LB balers are equipped with roller-type bale chutes that can be folded away hydraulically for safe and easy transportation. Each roller on the chute is mounted in sealed bearings for smooth bale handling and an extended service life.

Two bale ejector systems integrated into one baler. The standard bale ejection system cleans out the bale chamber and allows the bale chute to flip up. The additional partial bale ejection system only works at the rear - expelling completed bales. The redesigned sidewalls of the compression chamber open up wide to allow any material to be expelled without blockage. After the completed bale has been ejected the bale chute can be folded for road transport while the incomplete bale is still on-board. This allows proper bale forming from the start after moving to a new field.

▼ **Choice of hitch ends and drawbars.** New slender drawbar for even tighter cornering on the road and in the field.

▼ **Tandem axle with rigid or steerable rear axle.** Protect the crop on tight headland turns and reduce ground pressure.

▼ **Air brakes available.** Improved safety on the road.

▼ **Night operation is easy.** Case IH LB balers are equipped with powerful working lights.



Easy access to all major components. Sliding knife drawer, large hinged side panels plus ladder and service platform for excellent accessibility.

Optimised lubrication system. Grease lines routed for accurate bearing lubrication and protection against dust ingress.

TRANSPORT AND SERVICING

SAFE TRANSPORT AND SOIL PROTECTION.

FOR MAXIMUM ROAD SAFETY CASE IH BIG BALERS FEATURE SUSPENSION SYSTEMS FOR EXCELLENT HANDLING, ON AND OFF THE ROAD THEY OFFER A WIDE CHOICE OF TYRES TO MATCH YOUR WORKING CONDITIONS. THERE IS A CHOICE OF EITHER A SINGLE AXLE OR TANDEM AXLE, WITH OR WITHOUT STEERED REAR AXLE. THIS SYSTEM HAS A 17° TURNING ANGLE THAT ACTS AUTOMATICALLY DURING BALING TO OFFER THE BEST GROUND PROTECTION. THE STEERING SYSTEM LOCKS AUTOMATICALLY WHEN REVERSING AND DURING TRANSPORT.

Centralised lubrication system.

Automatic lubrication of bearings also available (automatic drive chain lubrication is standard).



Simple, easy and virtually maintenance free. Case IH LB balers have been designed to give trouble free operation and apart from routine lubrication and servicing they are maintenance free.

Direct access to all major components is provided by the wide-opening panels that lift upwards supported by gas assisted cylinders. The entire baler has been engineered to provide immediate access when you need it and give you more time in the field.

Lighting the way. The standard lighting package on all LB balers features powerful working lights on both sides for those early starts!

PARTS & SERVICE



Maintain the productivity of your investment. Case IH and its dedicated dealer network provide excellent support when you take delivery of your new machine and whilst it remains in your ownership. On the farm, you can rely on trained service professionals to maintain the productivity of your investment.

Protect the value of your investment. Behind every Case IH product stands an extensive European parts logistics organisation, stocking more than 700,000 part numbers for products old and new. Choosing to fit genuine Case IH parts will maintain the safety, value and performance of your original investment.



MAX – the new premium service from Case IH. We are always ready for you, around the clock, the whole year. Express delivery: when and where you need it. You get top priority during the season because your harvest cannot wait. The call is free. However some European Operators may apply a charge, if the call is made from a mobile phone. For any information about charge rate, please enquire in advance from your provider.

Extended protection programme. Case IH is at your side giving you the best professional solution: Safeguard from Covéa Fleet. This is the personalised insurance coverage for your Case IH machinery. Please contact your dealer for more details. Subject to status and availability. Terms and conditions apply.

DEALERS



Demand more from your Case IH dealership.

Purchasing a stand-alone piece of new equipment? Keeping a whole fleet up-to-date? Whatever your size of operation, contact your local Case IH dealership for professional advice on finance and future-safe business investment. Case IH knows your farming needs best.

FINANCE



Your local Case IH dealer can work with CNH Capital to offer solutions that best fit your budget and business goals. At CNH Capital, we understand that no two farms or agricultural businesses are the same. That's why we work so hard to understand your needs first. We make it our job to know your business inside and out – your goals, your ideas, and your unique outlook on the future. Then we can put together financial solutions and services that are right for you.



SPECIFICATIONS

TECHNICAL DATA	LB 323 STANDARD	LB 323 PACKER CUTTER	LB 333 STANDARD	LB 333 PACKER CUTTER	LB 333 ROTOR CUTTER	LB 423 STANDARD	LB 423 ROTOR CUTTER	LB 433 STANDARD	LB 433 ROTOR CUTTER
BALE DIMENSIONS									
Width x Height (cm)	80 x 70	80 x 70	80 x 90	80 x 90	80 x 90	120 x 70	120 x 70	120 x 90	120 x 90
Maximum length (cm)	260	260	260	260	260	260	260	260	260
TRACTOR REQUIREMENTS									
Minimum PTO power (kW/hp(CV))	75 / 102	80 / 110	75 / 102	80 / 110	95 / 130	85 / 114	105 / 141	90 / 122	110 / 150
Hydraulic distributors (single)	1	1	1	1	1	1	1	1	1
(double)	1	2	1	2	2	1	2	1	2
PICK-UP									
Width, effective (DIN 11220) (m)	1.98	1.98	1.98	1.98	1.98	2.25	2.40	2.25	2.40
Flotation	Adjustable spring	Adjustable spring	Adjustable spring	Adjustable spring	Adjustable spring	Adjustable spring	Adjustable spring	Adjustable spring	Adjustable spring
Gauge wheels	2	2	2	2	2	2	2	2	2
ROTOR / CUTTER									
Maximum number of knives	-	6	-	6	11 or 23	-	17 or 33	-	17 or 33
Knife spacing (mm)	-	114	-	114	39 with 23 knives	-	39 with 33 knives	-	39 with 33 knives
Knife removal	-	from the front	-	from the front	knife drawer	-	knife drawer	-	knife drawer
Knife activation, in - out	-	hydraulic	-	hydraulic	hydraulic	-	hydraulic	-	hydraulic
Knife protection	-	individual springs	-	individual springs	individual springs	-	individual springs	-	individual springs
FEEDING SYSTEMS									
Feeder	2 packer forks 6 single tines	3 packer forks 6 double tines	2 packer forks 6 single tines	3 packer forks 6 double tines	rotor width 972 mm	3 packer forks 9 single tines	rotor width 1356 mm	3 packer forks 9 single tines	rotor width 1356 mm
Fork type stuffer with	4 tines	6 tines	4 tines	6 tines	4 tines	6 tines	6 tines	6 tines	6 tines
PLUNGER									
Speed (strokes/min)	42	42	42	42	42	42	42	42	42
Length of stroke (mm)	710	710	710	710	710	710	710	710	710
TYING SYSTEM									
Type	double knot	double knot	double knot	double knot	double knot	double knot	double knot	double knot	double knot
Twine type	110-150 M/kg plastic								
Number of knotters	4	4	4	4	4	6	6	6	6
Knotter fans	2	2	2	2	2	3	3	3	3
Knotter function alert	performance monitor and visual								
Twine ball capacity	30	30	30	30	30	30	30	30	30
BALE DENSITY CONTROL									
Proportional 3-way control	performance monitor								
Manual override	●	●	●	●	●	●	●	●	●
TYRES									
With single axle	600/55-22.5-16Ply or 710/40R22.5 156D rad								
With tandem axles	500/50-17-14Ply								
With large wheel tandem axles	-	-	-	-	560/45R22.5 152D rad	-	560/45R22.5 152D rad	-	560/45R22.5 152D rad
	-	-	-	-	620/50R22.5 154D rad	-	620/50R22.5 154D rad	-	620/50R22.5 154D rad
BALER DIMENSIONS									
Length with chute raised (mm)	7230	7230	7230	7230	7600	7230	7600	7230	7600
Height, single axle (mm)	3100	3100	3100	3100	3200	3100	3200	3100	3200
Width (600/55-22.5PR tyres) (mm)	2580	2580	2580	2580	2580	2960	2960	2960	2960
Width (710/40R22.5 tyres) (mm)	2820	2820	2820	2820	2820	3200	3200	3200	3200
Width with tandem axle (mm)	2520	2520	2520	2520	2520	2900	2900	2900	2900
Weight, single axle (kg)	6650	6650	6650	6650	7700	7500	8750	7500	8750
OTHER STANDARD AND OPTIONAL EQUIPMENT									
Automatic greasing system	●	●	●	●	●	●	●	●	●
Bale release system	●	●	●	●	●	●	●	●	●
Working lights	○	○	○	○	○	○	○	○	○
Mud guard	●	●	●	●	●	●	●	●	●
Hydraulic folding roller bale chute	●	●	●	●	●	●	●	●	●
Printer	○	○	○	○	○	○	○	○	○

- Not available ○ Optional ● 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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