

# LELY WELGER

Big balers



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*innovators in agriculture*

# What you feed is what you get!

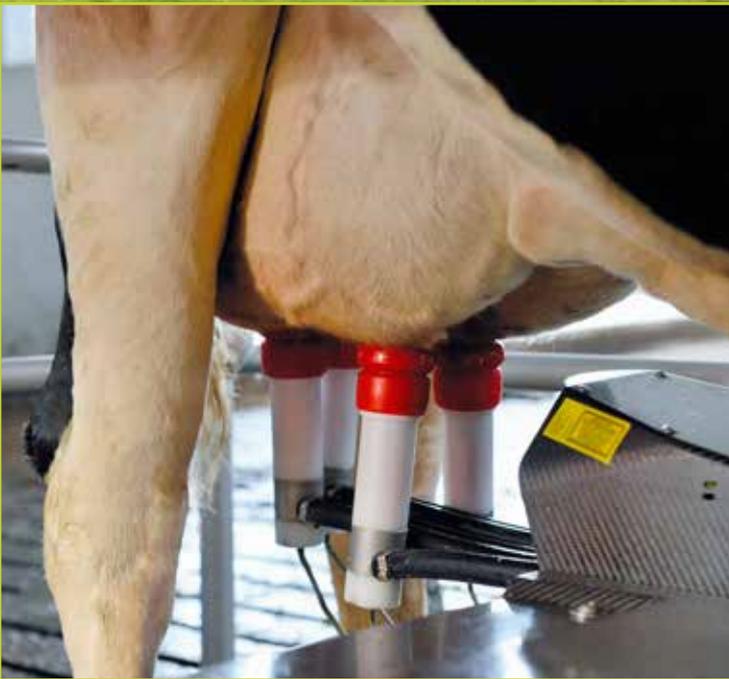


## Harvest results

A million cows are milked daily by Lely robotic milking systems but it's not only the Astronaut that makes robotic milking such a success. It's the knowledge and experience of our employees that help farmers to achieve the best results with their cows.

That's why we know – more than anybody else – that good quality roughage is the basis of your success. It ensures good animal health, maximum fodder intake and avoids additional cost for concentrates and additives...

Your forage harvesting is the start for good and efficient milk and meat production.





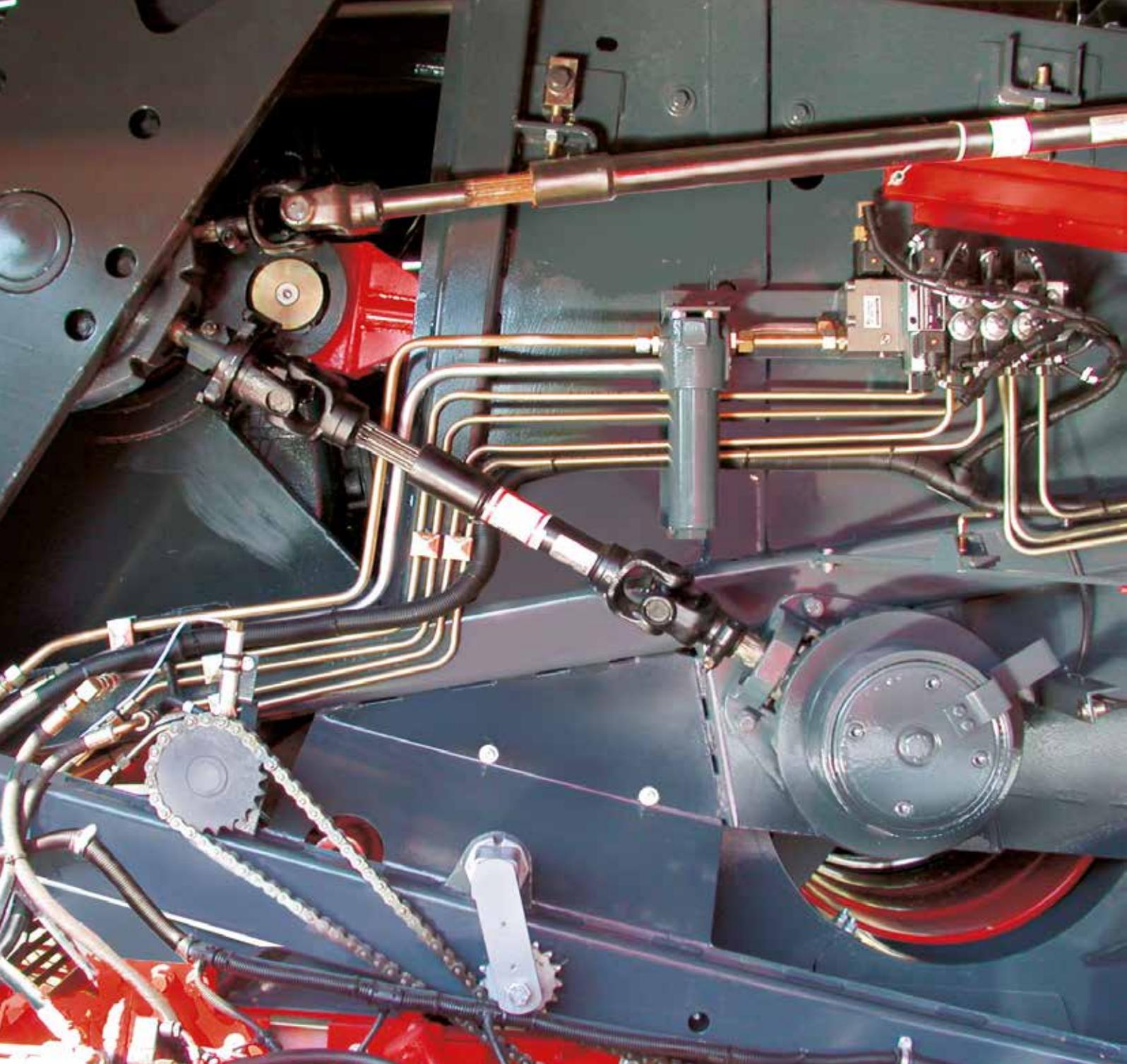
## Tried-and-tested concept – tried-and-tested technology

Lely Welger big balers are made for the highest agricultural demands. They achieve above-average performances via a very high stroke rate. This saves on power and reduces diesel consumption. Shafts instead of chains form the basis for optimum drive, and the easy operation using the E-link system guarantees a well-developed baler management. Bale length can be set to suit requirements – ideal for handling and transport.



## Xtracut – short and sweet

The smooth-running twenty-five-blade Xtracut<sup>25</sup> crop cutting unit ensures the best cutting quality, while at the same time requiring a small amount of power. The optimum cutting length allows for far higher densities and therefore the best silage quality. The feed structure is improved, which increases ruminant appetites and therefore intake amount. Opening these cut bales is really easy.



## Automatic overload protection

Powerfeed – with this clutch, the drive and the packer are protected against overload. The device interrupts the power flow to the packer as soon as the performance limit is exceeded, and stops the pick-up. Powerfeed then automatically switches the drive back on and removes the blockage. The annoying replacement of shear bolts becomes a thing of the past.



# Lely Welger



D 4006



D 4060



D 6006



D 6060

## Lely Welger D 4006

All Lely Welger balers are well known for solid construction and clever details. During the development of the big balers, particular emphasis was placed on maintaining a long service lifetime and performance. Like all Lely Welger big balers, the Lely Welger D 4006 works according to the direct flow principle.

### TECHNICAL SPECIFICATIONS

WELGER	D 4006
Channel dimensions (width x height) (cm)	80 x 70
Bale length (cm)	90 – 250
Tying	4x
Tying material plastic twine (m/kg)	Running length 130
Tying material holder	16 rolls

## Lely Welger D 4060

The Lely Welger D 4060 is particularly good at working with grass for silage. Using the Xtracut<sup>25</sup> crop cutting unit with twenty-five blades and group switching, the bale density can be increased even further, thus accelerating the ensiling process.

### TECHNICAL SPECIFICATIONS

WELGER	D 4060
Xtracut <sup>25</sup> crop chopping unit	25 blades
Channel dimensions (width x height) (cm)	80 x 70
Bale length (cm)	90 – 250
Tying	4x
Tying material plastic twine (m/kg)	Running length 130
Tying material holder	16 rolls

## Lely Welger D 6006

This machine is ideal for operation with mainly dry materials. The bale width of 1.20 m is particularly advantageous both for clearing fields and for loading onto lorries. The capacity of the wide channel is highly impressive.

### TECHNICAL SPECIFICATIONS

WELGER	D 6006
Channel dimensions (width x height) (cm)	120 x 70
Bale length (cm)	90 – 250
Tying	6x
Tying material plastic twine (m/kg)	Running length 130
Tying material holder	24 rolls

## Lely Welger D 6060

If large grass swaths have to be processed, the Lely Welger D 6060 is the machine for the job. An almost incomparable intake performance coupled with superb bale density result, for every contractor, in a tool with which he can fulfil his customer orders perfectly, and above all extremely economically.

### TECHNICAL SPECIFICATIONS

WELGER	D 6060
Xtracut <sup>25</sup> crop chopping unit	25 blades
Channel dimensions (width x height) (cm)	120 x 70
Bale length (cm)	90 – 250
Tying	6x
Tying material plastic twine (m/kg)	Running length 130
Tying material holder	24 rolls



## Lely Welger D 4006-6060

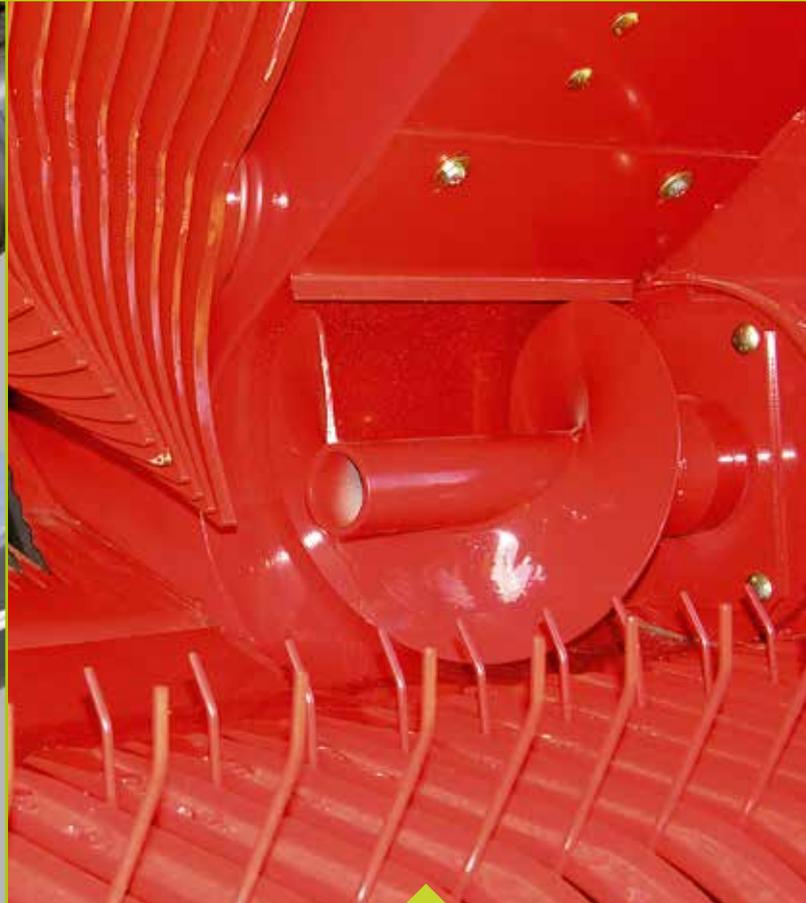
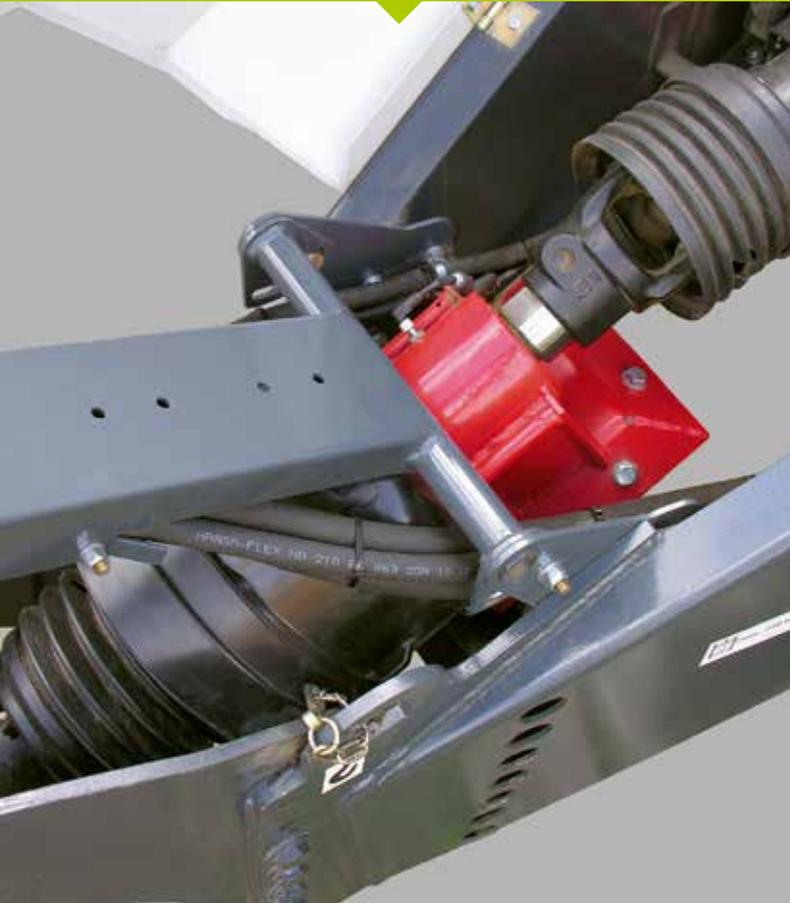
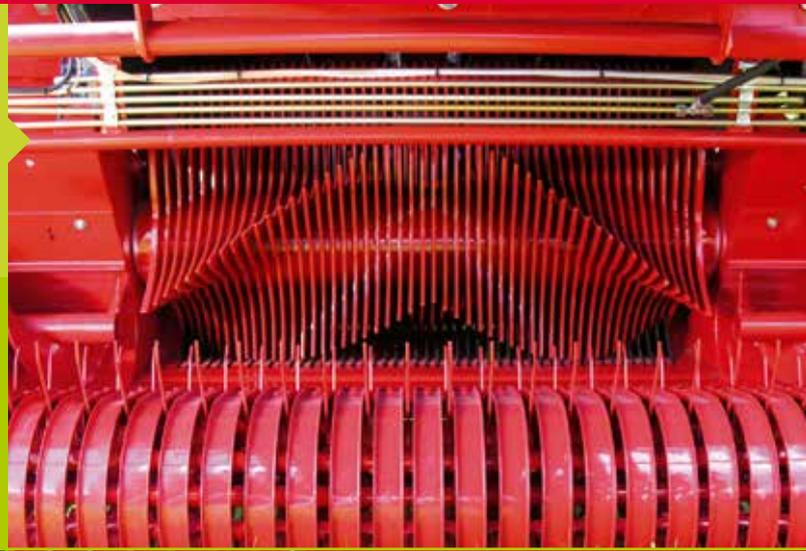
With the development of this big baler, Lely has proved its ability once again not only to innovate, but also to listen to its customers. Creativity and more than one hundred thousand balers built have resulted in machines with forward thinking and practical equipment characteristics.

**Wide pick-up – clean feed – clean meadow**

Double-sided finely adjustable guide wheels, in combination with the sprung hydraulic pick-up lift guide, ensure that the pick-up follows the ground precisely. This means that the feed remains clean, and the tines and the grass remaining in the ground are protected.

**Universal shaft line with spherical centre bearing**

This ensures very smooth running. No vibrations are transmitted from the tractor to the machine, or vice versa. This highly smooth running is subject only to very minor wear.

**Cross feed in the pick-up via counter-rotating spirals**

This achieves an effective and secure bale material compaction, even on wide swaths. The bale chamber is thereby optimally filled and the cutting quality is superb.

**Hydroflexcontrol – relaxed work at the performance limit**

With a sprung, hydraulically pivoting feed channel floor, which not only makes operation of the baler far easier but which also clearly increases the performance, this Hydroflexcontrol technology is now being used in this baler segment after tried-and-tested application in the Lely Welger round balers.

### Twine boxes with huge capacity

Sufficient twine reserves for long working days behind easily accessible pivoting protective guards. Quick and easy threading – simple to service and maintain.



## Every baler is only as good as its knotter

The tried-and-tested knotter systems process all standardised quality twines reliably and without malfunctions. The self-detaching double-loop knots have an above-average tensile strength, making a stripper arm unnecessary. Maintenance-free bearings on the knotter increase the service lifetime and minimise the maintenance required.

**Ram central lubrication – good lubrication means good baling**

A centralised grease distribution unit supplies the ram guide rollers with lubricant. Each of the rollers is lubricated with a pre-determined quantity. Easy access to the lubrication system reduces maintenance and increases the service lifetime.

**Electronic control and function monitoring of the baler using the E-link console. Simple handling of the following functions:**

- Bale length adjustment.
- Baler pressure adjustment.
- Adjustment of the pressure, load and the combined regulation of the baler pressure.
- Fan on/off.

**Operation of all hydraulic functions:**

- Pick-up.
- Hydroflexcontrol.
- Blades on/off.
- Baler jack.
- Error messages are sent directly to the tractor driver.
- Twenty bale counters.
- Diagnosis programme.

**E-link – everything on display – everything under control**

The entire baler management, meaning all monitoring and operating functions, can be carried out via a small hand-held device with a clear layout from the tractor cab. All of the important operating conditions are graphically represented on a large, well-lit display. The keypad, which is also lit up, can be used to make any necessary adjustments quickly and easily.

**Slip control – an overload protection which can think for itself**

In addition to the usual baler management functions, E-link has an automatic slip monitoring function. Shortly before the performance limit is exceeded, the E-link reduces the tensile channel pressure slightly. This allows the machine speed to regulate itself and blockages are avoided. Afterwards, the E-link system returns automatically to the original pressure level.

## Practical equipment – everything that the professional requires



### Four wheels – smooth running, minimum pressure on the ground

Both axles are fitted to a pivoting chassis with spring suspension, resulting in an even distribution of the weight over all four wheels.

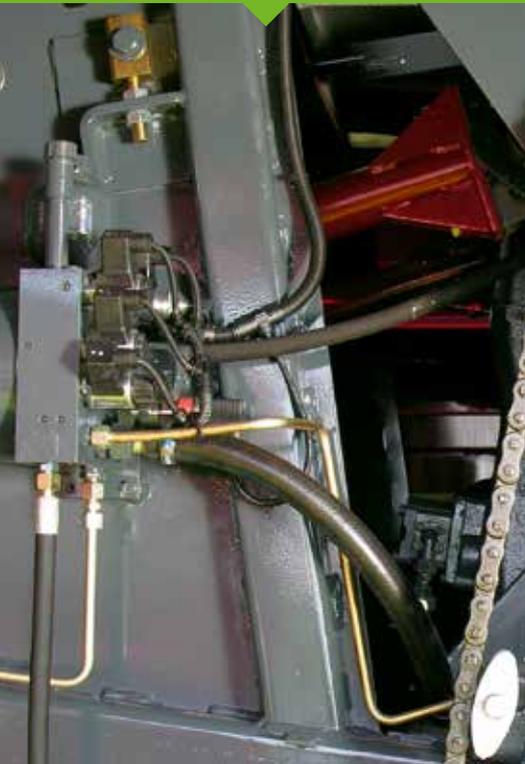
Multi-functional drawbar with a hydraulically operated baler jack – drawbar for adjustable linkage and clevis linkage – allowing optimum adaptation to every tractor – simple and secure coupling and uncoupling of the baler.



Pick-up guide wheels in castor wheel design protect the grass as well as the ground and the pick-up. Size: 16 x 5.50, 14x adjustable in height.



On-board tension channel hydraulic system – meaning almost complete independence from the tractor hydraulic system.



Ball bearing round steel tine bars with screwed angular levers for long lifetime and high operational security.



Electro-hydraulically operated roller chute and bale ejector are part of the standard equipment – easy operation and gentle bale ejection.



The back trailing steering-type axle allows the wheels to follow bends automatically, thus preserving the grass and the ground. For reversing, the steering mechanism can be hydraulically locked. All of the four wheels are braked, which results in maximum deceleration and prevents rocking.



# Technical specifications

WELGER	D 4006	D 6060	D 6006	D 6060
Channel dimensions (width x height) (cm)	80 x 70	80 x 70	120 x 70	120 x 70
Bale length (m)	0.90 – 2.50	0.90 – 2.50	0.90 – 2.50	0.90 – 2.50
Tying	4x	4x	6x	6x
Tying material plastic twine/running length (m/kg)			130	
Tying material holder	16 rolls	16 rolls	24 rolls	24 rolls
Tying material consumption/bales at bale length 1.60 m (m)	19.30	19.30	29.00	29.00
Tying material consumption/bales at bale length 2.00 m (m)	22.50	22.50	33.75	33.75
Tying material consumption/bales at bale length 2.50 m (m)	26.50	26.50	39.75	39.75
PTO shaft (rpm)			1,000	
Number of ram strokes (min.)			64	
Dimensions: length (m)			8.20	
Dimensions: width (m)			2.80	
Dimensions: height (m)			2.70	
Tyres	500/60-22.5 12 PR	500/60-22.5 12 PR	600/50-22.5 12 PR	600/50-22.5 12 PR
Power required (kW/Hp)	77/105	77/105	92/125	92/125
Pick-up width (m)			2.25	
Pick-up rake width (m)			1.86	
Pick-up tines/row			30	
Pick-up tine spacing (mm)			64	
Xtracut <sup>25</sup> crop chopping unit, number of blades	0	25	0	25
Clevis linkage	S	S	S	S
Clevis linkage, optional	S	S	S	S
Compressed air or oil pressure brake system Optional with holding brake	S	S	S	S
Universal shaft line with wide angular joint mounted on tractor and free-wheel device	S	S	S	S
E-link balercontrol	S	S	S	S
On-board hydraulic system for electro-hydraulic baler pressure regulation	S	S	S	S
Hydraulic bale-ejection device	O	O	O	O
Pick-up with two castor wheels	S	X	S	X
Guide plate feed channel floor	S	O	O	O
Hydroflexcontrol	S	S	S	S
Roller wind guard	O	S	O	S
Xtracut <sup>25</sup> crop chopping unit 23 blades	X	S	X	S
Tyres, single axle 500/60-22.5 12 PR	S	S	X	X
Tyres, single axle 600/50-22.5 12 PR	O	O	S	S
Tyres, single axle 700/45-22.5 12 PR	X	X	O	O
Tandem axle with tyres 505/50 R 17	O	O	O	O
Cleaning fan for the wrapping area	O	S	O	S
Free energy, independent electrical supply	S	S	S	S
Bale chute, hydraulically foldable	S	S	S	S
Roller chute, hydraulically foldable	O	O	O	O
Baler jack, hydraulically operated	S	S	S	S

