



RAPTOR RANGE

MOUNTED STRAW BLOWER
TRAILED STRAW BLOWER
STRAW BLOWER FOR TELEHANDLER



The RAPTOR bloc, easy straw blowing

For over 40 years, the different components of the Raptor bloc guarantee steady straw blowing and a high working output with round and square bales.



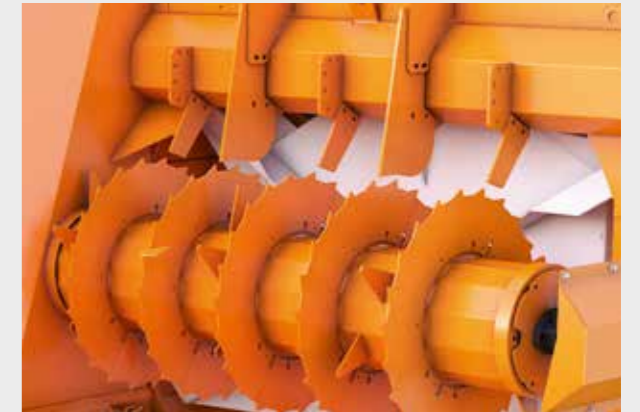
- 1 Shredder:** designed to process straw it is fitted with 5 serrated discs which guarantee a clean cut of the bale. The 18 teeth located between the discs bring the cut material to the turbine.
- 2 Loading rear door:** the rounded design enables self-loading and bale handling for round bales up to 2m diameter and square bales up to 1.20 x 1.20 x 2.50 m.
- 3 Single-speed welded turbine:** this piece has been designed in a single block to keep a perfect stability of the machine. Equipped with 6 blowing paddles, the material is launched up to 15 m on the right side and 13 m to the left side.

- 4 Blowing conduits:** its large width of 33 cm combined with the cut-off plate avoid jamming problems and gives outstanding work output.
- 5 Bolt-on bed chain:** hydraulically driven, it has 9 moving speeds from 0 to 20 m/min. The speed is adjusted by the electrical control, the bed chain brings the material to the shredder. It can be moved forward or backward.

- 6 Hydraulic drive:** the shredder is hydraulically driven to enables low power tractor from 50 HP to achieve straw blowing application. The cinematic is put in security through a hydraulic pressure valve.

FIXED BOLTED COMB

- Combination of 3 small and 2 long teeth
- Makes a mechanical pressure on the bale
- Improves the abrasiveness of the shredder and regulates the flow of materials.



CUT-OFF PLATE

- Bevel edge plate located at the exit of the turbine, this piece ensure an exit of the material without jamming.
- Guarantee a steady and homogeneous straw blowing



PATENT MADE IN
LUCAS 

Mounted, Trailed or Telehandler

A RANGE OF POSSIBILITIES

The range of compact straw blower with loading rear door Raptor is composed of 3 models of 2 m³ capacity:

No matter if it is for round bales or square bales, the Raptor has been designed to do an efficient straw blowing regardless of the building's configuration.



Raptor trailed:
draw bar with axle



Raptor mounted:
3 points hitch



Raptor telehandler:
hitch on telehandler's boom head



270° STRAW BLOWING

REGARDLESS THE CONFIGURATION

270° hydraulic swivelling chute located as an extension of the turbine and the straw of flow to guarantee a bedding distance of 15 m on the right side and 13 m on the left side. The chute deflector adjusts the straw blowing distance, it is controlled from the tractor cab. This system makes possible the complete straw blowing of a barn in a single pass.

SELF-LOADING OF ROUND OR SQUARE BALES



Loading round bale

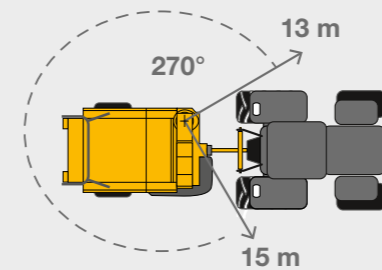


Loading square bale

2ND CONTROL UNIT



Control of rear collection door to save time when loading.



270° swivelling chute Straw blowing 15 m right side, Straw blowing 13 m left side

Models	Mounted	Trailed	Telehandler
Capacity (m3)	2	2	2
Number of shredders		1	
Round Bale Ø 1.60 m		1	
Round Bale Ø 1.80 m		1	
Round bale Ø 2m		1	
Square Bale 1.20 x 1.20 x 2.50 m		1	



ADAPTED HITCH TO EVERY NEED

HITCH FOR RAPTOR TRAILED



FIXED COUPLING

Adjustable in 3 positions from 426 mm to 561 mm.



ARTICULATED COUPLING

The machine perfectly follows the tractor wheels, improved manoeuvrability and driving comfort.

HITCH FOR RAPTOR TELEHANDLER



WIDE CHOICE OF HITCH WHICH CAN BE FIT TO ALL TELEHANDLER MANUFACTURER.

Lucas G advises a minimum lifting capacity of 2.8 T and a hydraulic flow at boom's head of at least 90 L / min.

HITCH FOR RAPTOR MOUNTED



3 POINTS HITCH:

Can be adapted to all kind of tractors.

EASY AND SIMPLE CONTROLS

STANDARD CONTROLS



Manual control

Standard control solution for Raptor Mounted



Cabled control

Standard control solution for Raptor Trailed

ELECTRIC CONTROLS OPTIONAL



Electric control Intuitive

Handy control from the tractor cab



Electric control Comfort

Easy control each button has its own function

EASY TO MAINTAIN

To ensure an optimal performance of the machine and keep maximum efficiency as in the first days, it is necessary to ensure a small amount of maintenance to the straw-bedder. A yearly maintenance will enable your machine to increase significantly its lifetime while keeping high working output.



Oil-change of the single-speed or two-speed box to keep a high working output.



Hydraulic filter to keep high efficiency of the machine.



Totally bolt-on bed chain for an easy maintenance.



RAPTOR STANDARD EQUIPMENT

- 270° Straw blowing chute
- Hydraulic shredder with cutting discs
- Fixed barrier
- Single-speed
- Hydraulic loading rear door
- 9 speeds bed-chain

Models	Mounted	Trailed	Telehandler
Capacity (m3)		2	
Number of shredders		1	
Straw-bedding height with Swivelling chute (mm)		2500	
Straw-bedding distance with Swivelling chute (m)		15 m right side – 13 m left side	
Overall height (mm)	2380	2700	2380
Overall width (mm)	1800	2000	1800
Effective length (bucket filling) (mm)		1080	
Overall width at wheels (mm)	-	1950	-
Overall length of door Open/Closed (mm)	4130 / 2650	5200 / 3250	4130 / 2650
Tractor power (HP)		50	-
Oil flow min/max (L/min)		30 / 70	-
Oil flow at boom head (L/min)	-	-	90 / 100
Telehandler lifting capacity (kg)	-	-	2800
Pressure (bars)		160 / 200	-
Unladen weight (kg)	1210	1450	1210
Tyres	-	7.50 x 16 12 PR – Ø 770 mm	
STANDARD EQUIPMENT AND OPTIONS			
Manual Control	///	///	///
Cabled Control	///	///	///
Electric control Intuitive	///	///	///
Electric control Comfort	///	///	///
Two-speed gear box	///	///	///
2nd control unit for self-loading rear door	///	///	///

Legends **///**: Standard Equipment **///**: Option **///**: Not available



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