

WITH YOU EVERYDAY

LUCASG.COM

**RAPTOR**  
MOUNTED STRAW BLOWER  
TRAILED STRAW BLOWER  
STRAW BLOWER FOR TELEHANDLER



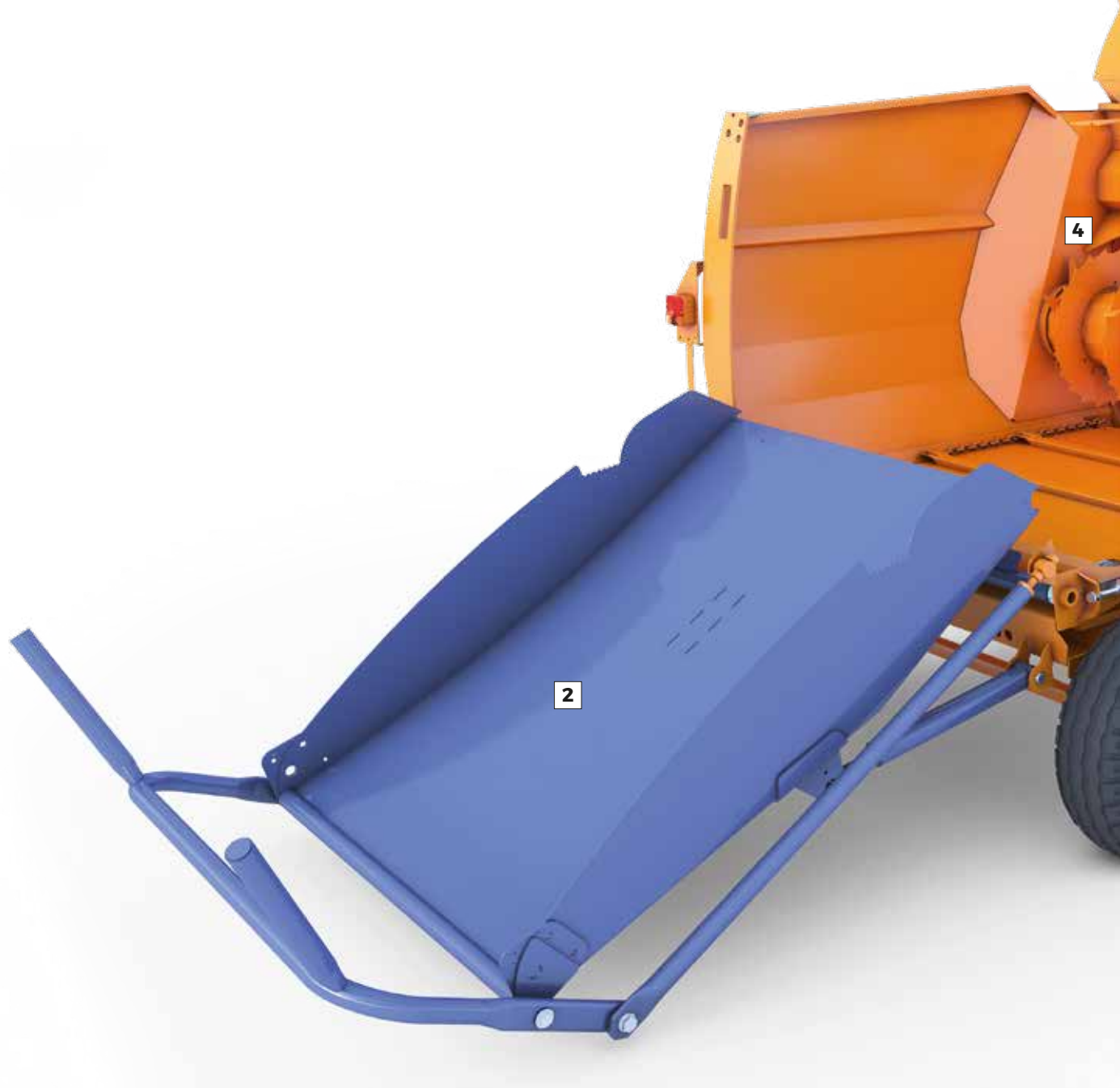
# RAPTOR RANGE



**LUCAS**   
FEEDING SOLUTIONS

# 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.

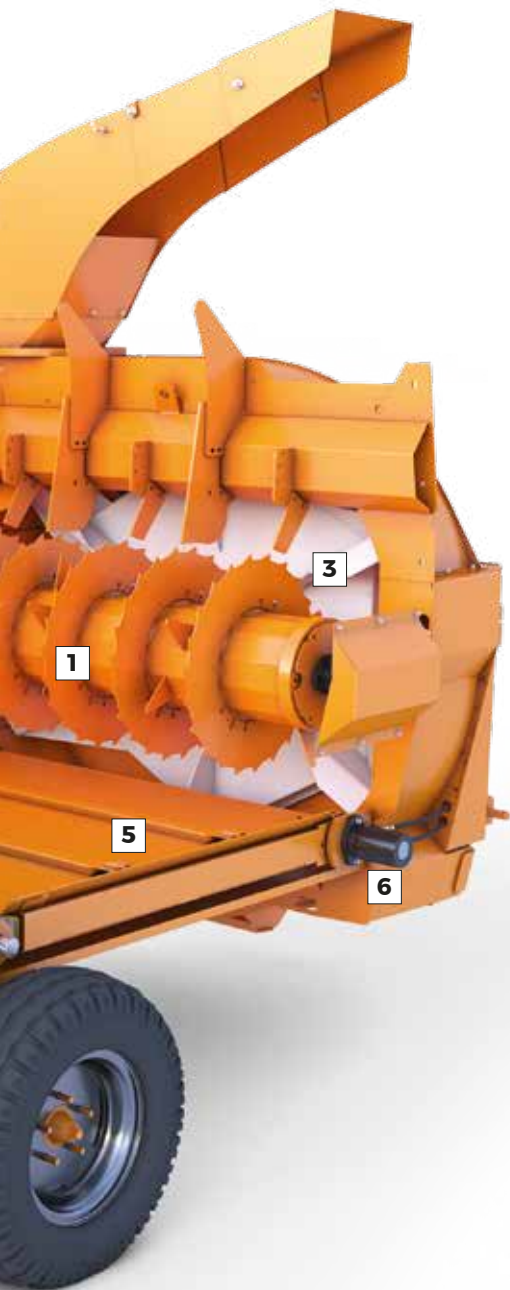


**1 Shredder:** designed to process straw it is fitted with 5 serrated discs which guarantee a clean cut of the bale. The 18 teeth located between the discs bring the cut material to the turbine.

**2 Loading rear door:** the rounded design enables self-loading and bale handling for round bales up to 2 m 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.

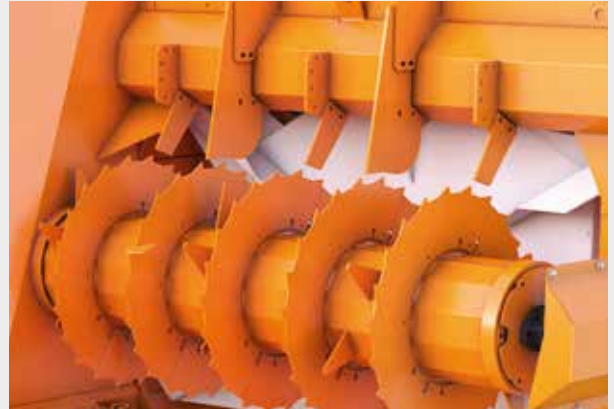


**5 Bolt-on bed chain:** hydraulically driven, it has 9 moving speeds from 0 to 20 m/min. The speed is adjusted by the electrical control, the bed chain brings the material to the shredder. It can be moved forward or backward.

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

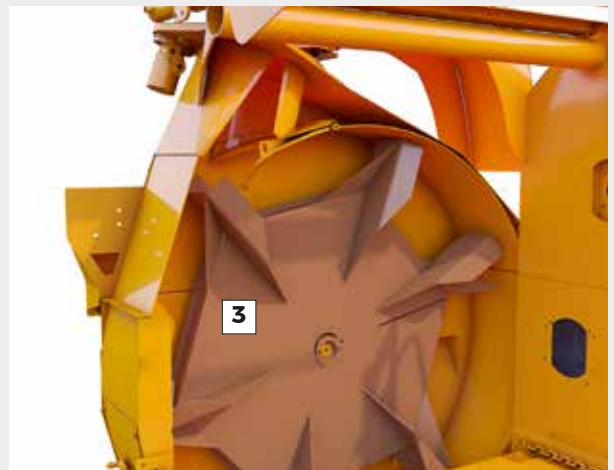
## FIXED BOLTED COMB

- 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 m<sup>3</sup> 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

## SELF-LOADING OF ROUND OR SQUARE BALES



Loading round bale



Loading square bale



## 2<sup>ND</sup> CONTROL UNIT



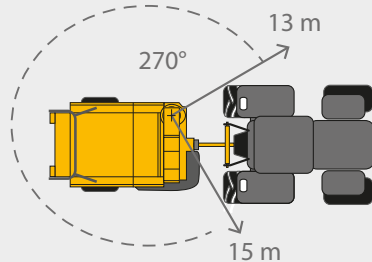
Control of rear collection door to save time when loading.



# 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.



### 270° swivelling chute

Straw blowing 15 m right side, Straw blowing 13 m left side

Models	Mounted	Trailed	Telehandler
Capacity (m <sup>3</sup> )	2	2	2
Number of shredders		1	
Round Bale Ø 1.60 m		1	
Round Bale Ø 1.80 m		1	
Round bale Ø 2 m		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

## ELECTRIC CONTROLS OPTIONAL



### ELECTRIC CONTROL INTUITIVE

Handy control from the tractor cab



### CABLED CONTROL

Standard control solution for Raptor Trailed



### 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.

