



RAPTOR

3200 L 4200 L 5200 L

BERTHOUD[®]
Forward together

RAPTOR

**An effective partner
to maximise your profitability**

Available in mid-cab version with front or rear boom, RAPTOR is the broadest range of self-propelled on the market.
The RAPTOR range is available from 3200 to 5200 l combined with booms from 24 to 44m and offering a series of advantages intended to optimise your performance : hydrostatic transmission with gear motors, DEUTZ engine, French 40 km/h registration, etc.
The RAPTOR range was designed to tackle large areas, while at the same time maximising your comfort and site output.

Table of contents

p. 2-3 Raptor, an efficient partner	p. 14-15 Raptor, for precision	p. 26-27 Boom Control, an optional equipment
p. 4-5 Raptor, the most extensive range on the market	p. 16 GPS assistance	p. 28-29 Technical features
p. 6-7 Chassis and transmission	p. 17 Flow of spray mixture	Dimensions
p. 8-9 Uncompromising adaptation	p. 18-19 The Axiale boom	p. 30 Dimensions
p.10 The cab	p. 20-21 The Ektar B2 boom	p. 30 Services
p. 11 Armrest and terminal	p. 22-23 The Ektar B3 boom	
p.12-13 Raptor, for good practice	p. 24-25 RAPTOR AS Dark Edition	



RAPTOR range

Version with rear boom, 3200, 4200 and 5200 l with AXIALE 2, EKTAR B2 / B3 booms from 24 to 44m

Also available **/// DARK**
BY BERTHOUD

take a look at the video



RAPTOR

The most extensive range on the market

Depending on your needs and requirements, BERTHOUD offers you a choice of 3 types of machines, with capacities from 3200 to 5200 litres and booms from 24 to 44m

RAPTOR AS range **/// DARK** BY BERTHOUD

Front boom version available with 4200 and 5200 l capacity and the specific EKTAR boom from 36 to 42m

take a look at the video

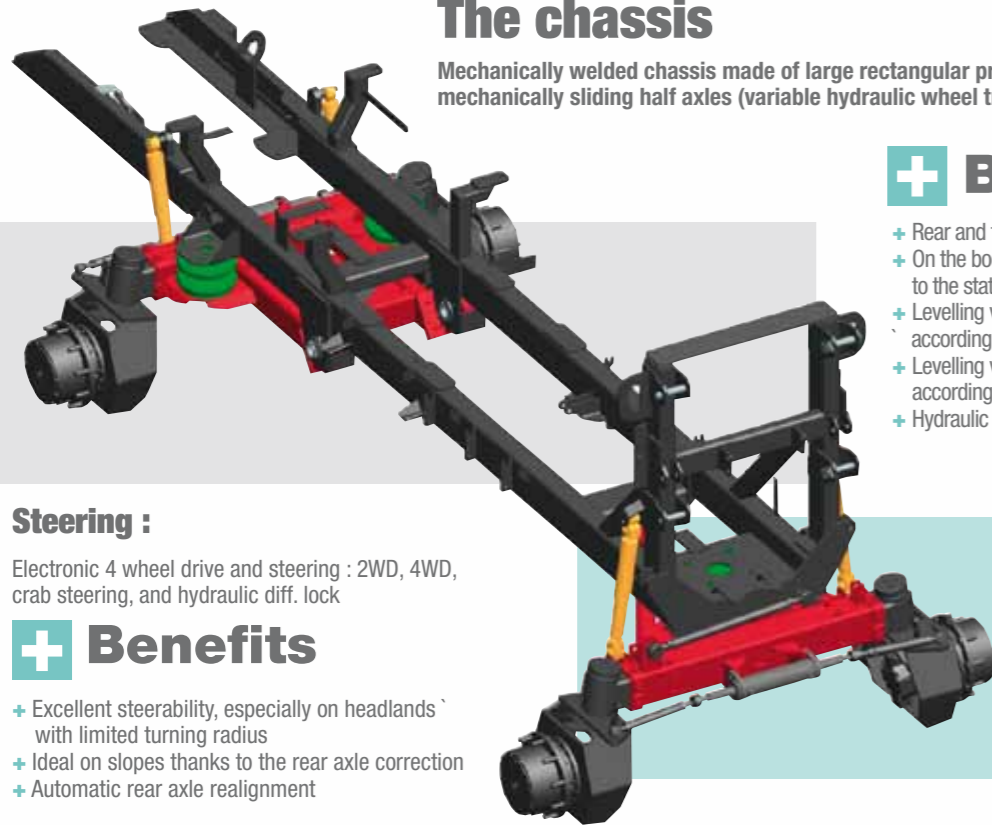


Chassis and transmission

Robustness and comfort combined with the power of a recognised transmission

The chassis

Mechanically welded chassis made of large rectangular profiles for stability and strength. Axles formed by mechanically sliding half axles (variable hydraulic wheel track optional)



+ Benefits

- + Rear and front pneumatic suspension
- + On the boom side, oscillating axle allowing perfect adjustment to the state of the land
- + Levelling valve for adjustment of the suspension's air pressure according to the workload
- + Levelling valve for adjustment of the suspension's air pressure according to the workload
- + Hydraulic shock absorbers on each wheel to limit oscillations

Steering :

Electronic 4 wheel drive and steering : 2WD, 4WD, crab steering, and hydraulic diff. lock

+ Benefits

- + Excellent steerability, especially on headlands with limited turning radius
- + Ideal on slopes thanks to the rear axle correction
- + Automatic rear axle realignment

Bosch Rexroth hydrostatic drive with geared motors

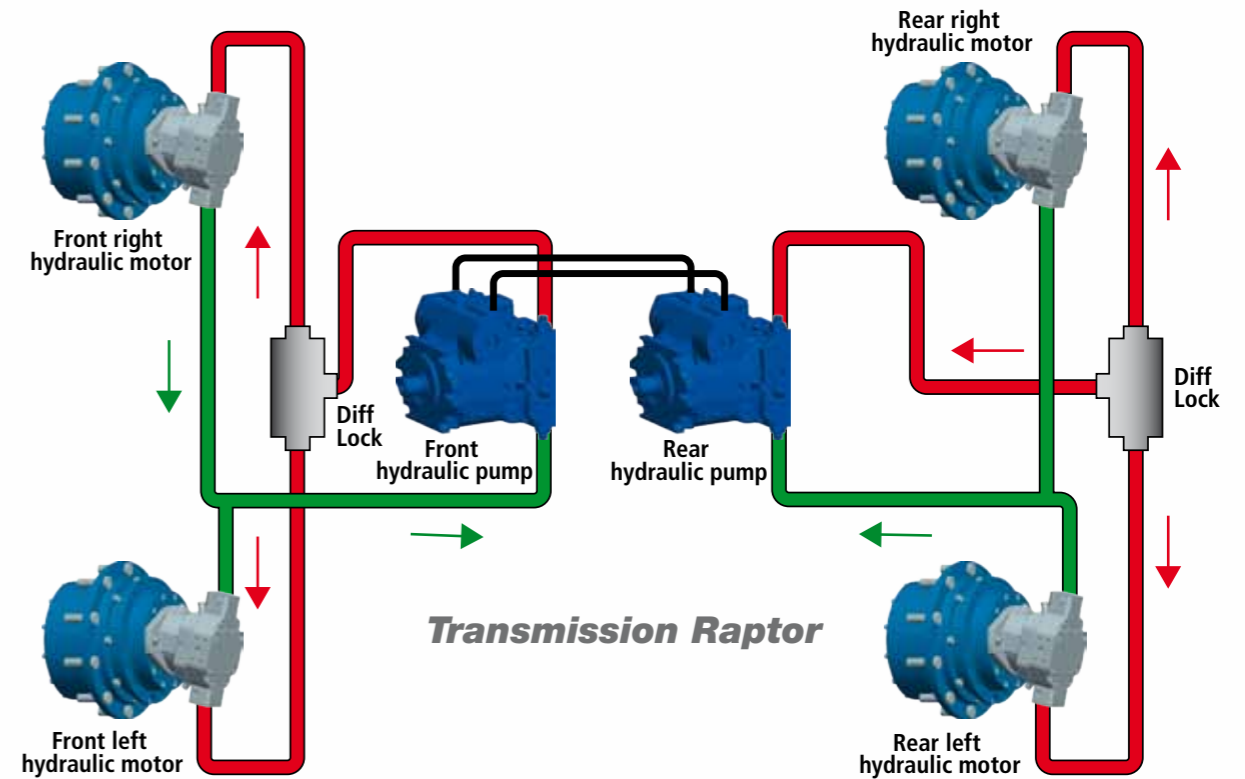
+ Benefits

- + High speed drive motors with variable cylinder capacity : flexibility and adaptability
- + Final wheel reduction by planet gear : power and torque
- + AUTOMOTIVE drive : present for more than 10 years on our machines, with Raptor you enjoy continuously variable drive
- + 2 variable delivery hydraulic pumps : hydromechanical lock front/rear
- + standard differentiel lock
- + Standard Hydropilot : regulated speed control for constant operating speed
- + Dynamic, hydrostatic and static brakes on all 4 wheels
- + 3 speed ranges : 0-19 km/h - 0-25 km/h - 0-40 km/h



+ Motors integrated in the wheel legs to limit the impact on crops

ECO mode ensures the motor is used at the appropriate speed to meet the desired forward speed level
Fuel economy
 This mode also has a preset minimum thermal regime, useful for driving the spraying pump.



Other types of transmission compared with Raptor :

- Full hydrostatic transmission : lower efficiency / less torque available to the wheels / heating of the transmission oil when the requirement for power is high / wrong distribution of power over the four wheels in difficult conditions
- Hydromechanical transmission : more demanding maintenance (axle drainage) and faster ageing (shafts, return,...) Noisy transmission.

Easy maintenance on RAPTOR

For routine servicing, RAPTORs engine cover can be easily removed thanks to a manual hydraulic pump. All elements are easy to reach : coolers, fuel filters, air filter, etc....



Engine

The RAPTOR range is available with Tier 4F 217 and 244 HP DEUTZ engines, (AdBlue + FAP). DEUTZ 200 and 270 HP Tier3A engines are also available for countries outside the EU



Berthoud at the heart of innovation



Adaptation without compromise



Ground clearance

Depending on versions, ground clearance goes from 1,05 to 1,80m. This considerably reduces the impact on crops.

RAPTOR fitted with crop dividers

Equipment for high ground clearance

For machines with ground clearance from 1,40 to 1,80m, Berthoud has designed this specific equipment :

- **TWINLIFT** : Based on a dual frame allowing to work without operator intervention, for both bare ground and high crops with a height under boom from 0,50m to 3,10m.
- Retractable step for easy access to the operating area

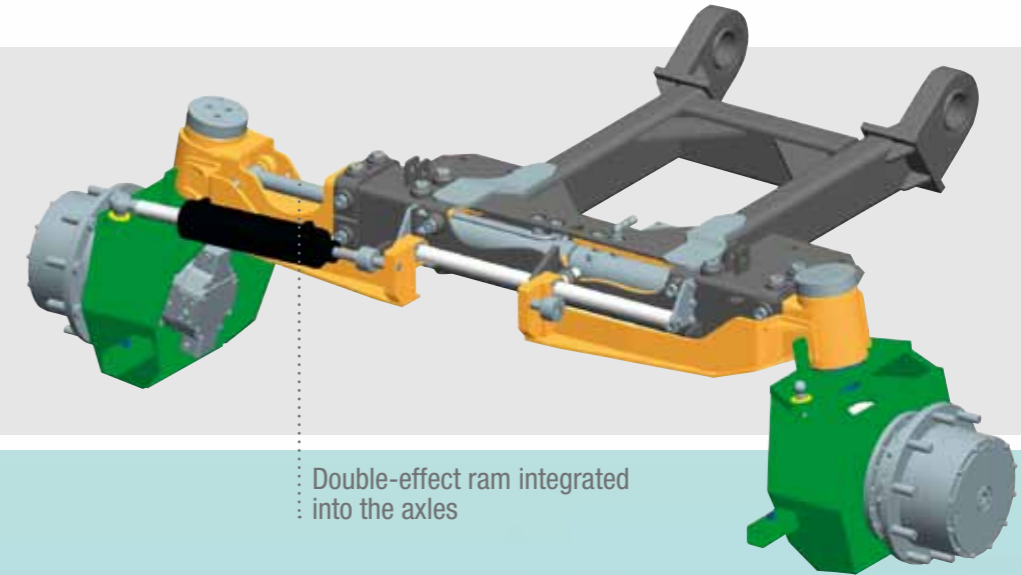
**EXCLUSIVE
TO BERTHOUD**



Optional only on version 42001 mid-cab, the hydraulic variable height offers a ground clearance from 1,25m to 1,80m, allowing maximum clearance in the field while minimizing height during road transport



Hydraulic variable wheel track : adapt your wheel track based on your constraints. The variable wheel track offers a 600 mm range, from 1,80m to 3,05m depending on models



Double-effect ram integrated into the axles

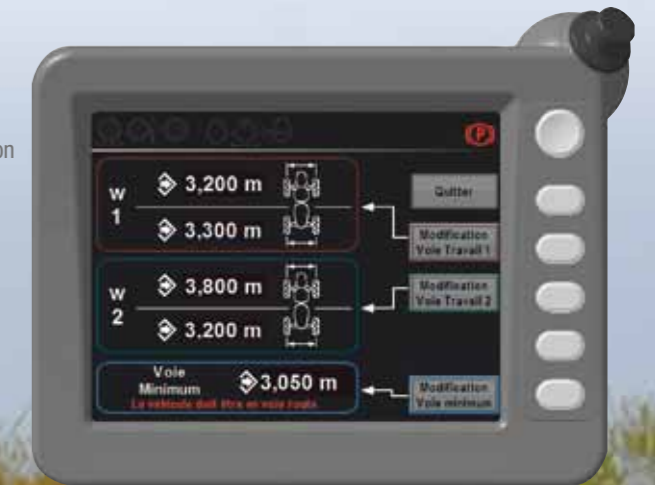
Simple and effective

Each half-axle is operated separately by a double effect ram : **low maintenance and little wear**

Hydraulic variable wheel track

Several functions are available :

- **Automatic mode** : by entering the required width, it will adjust automatically as soon as the sprayer moves forward.
- The user can pre-programm 3 track widths : minimum track, track 1 and track 2
- **Manual mode** : for the independent control of each axle



The cab

when driving becomes a source of pleasure

Armrest and display

everything within easy reach

VERSION RAPTOR AND RAPTOR AS DARK EDITION

- + Mid-cab
- + Easy rear access
- + All round vision, mounted on silent block shock absorbers, superior soundproofing
- + Cab with ROPS approval ensuring the operator's protection if the machine turns over : Optimal security
- + Pressurized, active carbon filtration, **Level category 4**
- + Automatic air conditioning
- + MP3 car radio
- + Pneumatic swivel seat / with ventilation and heating
- + 2 electric defrosting rearview mirrors
- + Optional additional folding seat
- + Hydraulic folding ladder fairing protected



a single display for operating the Raptor

Display and control of following information / functions

- Engine speed and forward speed
- Lighting overview
- Time before next service
- Control and info for wheel track (if chassis with hydraulic wheel track)
- Engine diagnostic information
- Cruise control
- rear camera display : display on part of the screen when in reverse gear and as soon as road speed is engaged (optional)
- ...



Everything within easy reach

- 1 Parking brake
- 2 Road speed : 0-40 km/h
- 3 Field speeds : 0-19 km/h / 0-25 km/h
- 4 Cruise control
- 5 ECO Mode
- 6 Transmission reactivity switch
- 7 differential lock
- 8 Engine speed
- 9 2 wheel steer mode
- 10 4 wheel steer mode
- 11 Crab steering mode
- 12 Rear wheel angle corrector
- 13 Spraying pump on/off
- 14 pump speed variation

RAPTOR

For good practices

Pump sub-unit

The DUALMATIC selection block and the OMEGA pump go hand in hand !

DUALMATIC

DUALMATIC, simplicity of use combined with reduction of residual volumes. Specially designed and developed by BERTHOUD, the staging of the valves allows the length of the pipes to be reduced and limit the residual volumes at the end of spraying. Furthermore, by limiting the number of valves, this makes the machine easier to use. It is associated with the **BERLOGIC** panel that can identify the 17 functions of the machine using text = **no risk of misinterpreting the functions.**



OMEGA pump

Berthoud designed rotary twin turbine pump combining flow rate and pressure

- 551 l/min - 3 bar
- 2 low and high pressure compartments
- Self-priming pump
- Spraying pressure up to 8 bar
- Located close to the sump to limit residual volumes

EXCLUSIVE TO BERTHOUD



Your sprayer at your fingertips with Dualelec, with DUALELEC, the only fully motorised implementation on the market

Optional, all-electric, DUALELEC allows control of all functions of the Raptor without operating valves.

- In-cab control of rinsing of tank, boom and spray lines
- Manual control of agitation
- Control of filling volume with autostop and also automatic control of agitation depending on level in the tank
- The system may still be used manually in the event of a fault



Chemical funnel

- Capacity 25 l
- Off-set handle for the opening and additional valve for funnel rinse
- nozzle for can rinse
- Clean water supply via external suction or the rinse tank to the can wash



Berthoud
good practices

Hunt down residual volumes

managing your residual volumes means correctly measuring the volumes in your tank

NIVOMATIC gauge : the solution for overflows !

- Programm filling to a required level with an alarm our filling stop once this level is reached
- The level can also be read on the tape gauge



NIVELEC gauge (standard) optimise your precision

- Digital display of the level in the tank, in the cab and at the operating station
- The level can also be read on the tape gauge



Technology for precision made in BERTHOUD

DPAE Berthoud regulation

BERTHOUD flow regulation is based on a pressure sensor, which offers several advantages :

- Improved accuracy (pressure measurement close to the nozzle and more efficient on low volumes)
- Nearly clogg free
- No calibrated returns
- Low maintenance
- Closing of nozzle/nozzle requires no change in setting
- ...

EC TRONIC monitor



- Permanent display of the main spraying parameters (Volume/ha, speed, measured pressure)
- Integration of certain options : DUALELEC, ... Traceability (field management, user management...)
- Individually control 15 sections sequentially with the joystick
- Compatibility for GPS support : ISOBUS (TC-SC, TC-GEO...) Trimble TUVR...

+BERTHOUD Benefits

No matter what solution is chosen, RAPTOR is supplied with the E-Pilot wireless joystick allowing to control the hydraulic functions of the sprayer, opening the spraying within a radius of 20m around the machine.



VTTronic monitor

The new VTTronic display is a top-of-the-line ISOBUS terminal offering standard features such as guidance, sections shut-off, variable rate application and documentation. The display has a touch-screen and the information appears in windows that can be moved with the «fingertip» for comfort and visibility.

It runs on Android on which it is possible to install additional software to multiply its features. You can download farming applications or view information such as weather, rain alerts, cereal prices etc.

The VTTronic display offers :

- A 25,6 cm high-resolution touch-screen
- A LCD screen displaying maps per plot (in aerial view) where you can see passages, field boundaries
- Runs on Android, with the latest graphic cards and a very user-friendly navigation system
- Compatible with integrated and assisted guidance systems with different levels of accuracy
- Can be used with other ISOBUS tools

The full ISOBUS solution ISOTRONIC

The RAPTOR in ISOTRONIC version is supplied without in-cab terminal. Connected to an ISOBUS tractor, RAPTOR will be recognised by the Universal Terminal (UT), which will display the sprayer functions. The same is true for advanced Precision Farming applications grouped under the concept of TASK CONTROLLER : Sections shut-off (TC-SC), variable rate application (TC-GEO), task documentation (TC-BAS) which will also be managed from the tractor's Terminal (if the latter allows it)

Berthoud is member of the Agricultural Industry Electronics Foundation (AEF) whose goal is to promote ISOBUS for all machines, terminals and tractors through the ISO 11783 communication protocol. The objective is a perfect compatibility between suppliers and total freedom in choosing the unit for the users.

High technology

GPS assistance: Make the job easier

BERTHOUD offers you a number of features to practise precision agriculture

E TECH unit: a turnkey solution!

The BERTHOUD regulation units may be fitted with E TECH unit for guidance, section shut-off and dosage adjustment. The console with a 20.3 cm touchscreen allows:

- Guidance.
- Section cut-off using GPS with display of section status.
- Intra-plot dosage adjustment

Upgradeable, you can easily unlock advanced features.



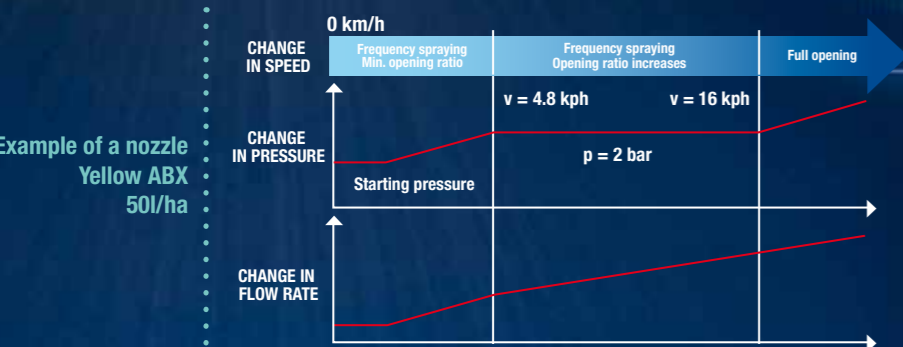
SPRAYTRONIC

Frequency spraying for optimum quality of application

Increase your working ranges with Spraytronic: The concept

Depending on your forward speed, a solenoid valve on each nozzle will disperse the spray. The ratio between the opening and closing time varies depending on the speed variation at a fixed frequency. SPRAYTRONIC therefore makes it possible to vary the flow of a nozzle by 70% and in the same way the working speed, without changing the operating pressure!

With spraying, the main problem of current systems is the limited working speed range to ensure a good spray quality. And the drops are either too fine (dispersion) or too large (flow). In addition to the limited working speed range when used with intra-plot dosage adjustment, it also limits the possible dosage range for the plot



ADVANTAGES

- Only one nozzle needed to meet most needs: To reduce costs of use
- No pressure rises after changing nozzles: Optimum quality
- Use of a standard nozzle holder: Increase your scope of activity without changing nozzle
- Can be operated by entering a desired working pressure: Optimum quality for the working conditions
- Option to select nozzle/nozzle shut-off

Circulation of spray mixture Makes a difference !

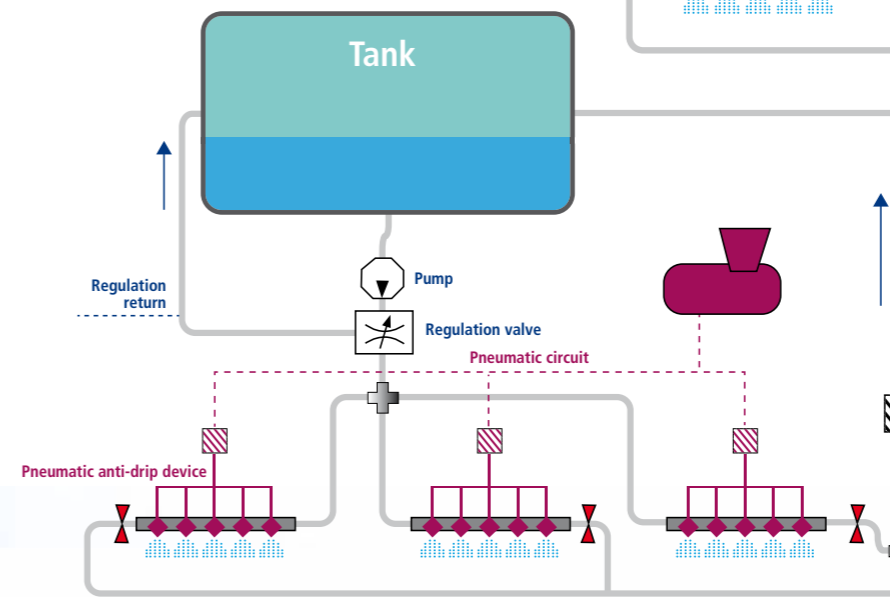
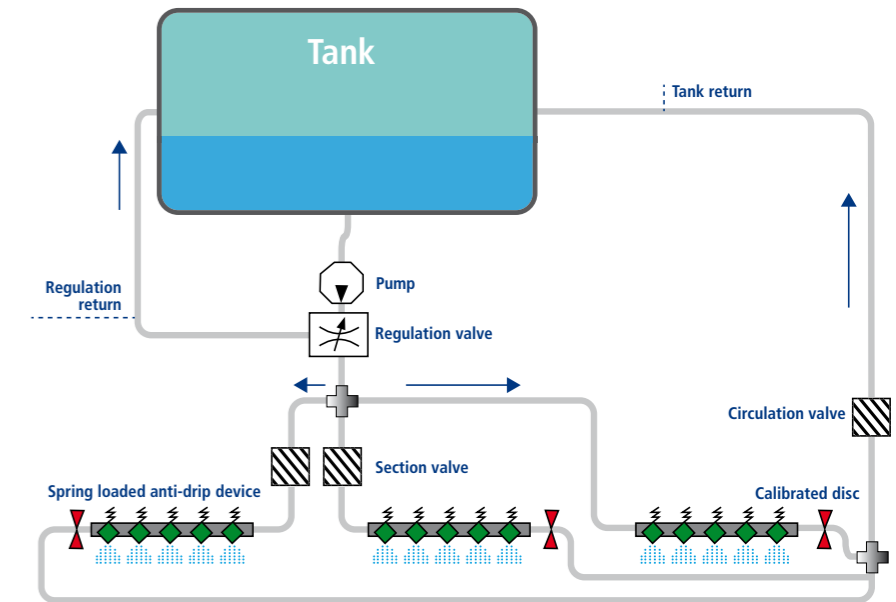
Discontinuous flow: The basis

The spray mixture flows in the sections only when spraying, no return to the tank at the end of the section. Other types of flows can be fitted on RAPTOR.

Semi-continuous flow (optional)

RAPTOR can also be fitted with semi-continuous flow. In this system, the liquid circulates continuously during spraying in order to prevent clogging at the end of a section.

This type of circulation is extremely useful when working with powder-based chemicals and in low-volume applications.



Continuous flow (optional)

This ensures that the spray mixture flows during and after spraying. Based on an AGP (Pneumatic Anti-Drip) system, it provides various advantages:

- Minimises dirt and deposits
- Permanent agitation
- The rinsing water may be used several times by "recirculating" it = less contaminated water to be evacuated
- Rapid start-up
- Instantaneous pneumatic cut-out
- Returns channelled to a single pipe
- Motorised valves to open the flow from the cab



AXIALE boom

legendary stability

Exceptional vertical stability especially on bends and very good performance on slopes thanks to its central pivot suspension. It follows variations in slopes without any action required from the user. Available from 24 to 33m.

- Nozzle holders protected by the arm structure



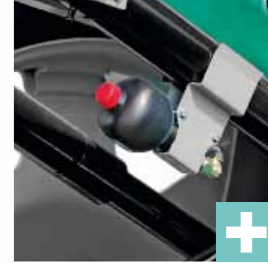
- Breakaway outer arms in 3 dimensions



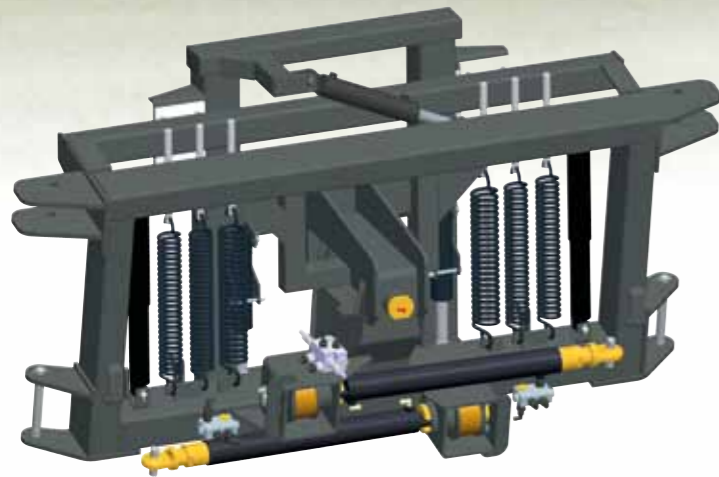
- Robust hinges, high-performance hydraulic cylinders operating with retracted rod when the boom is unfolded.



- Absorption of vertical shocks through nitrogen cylinder on the lift rams



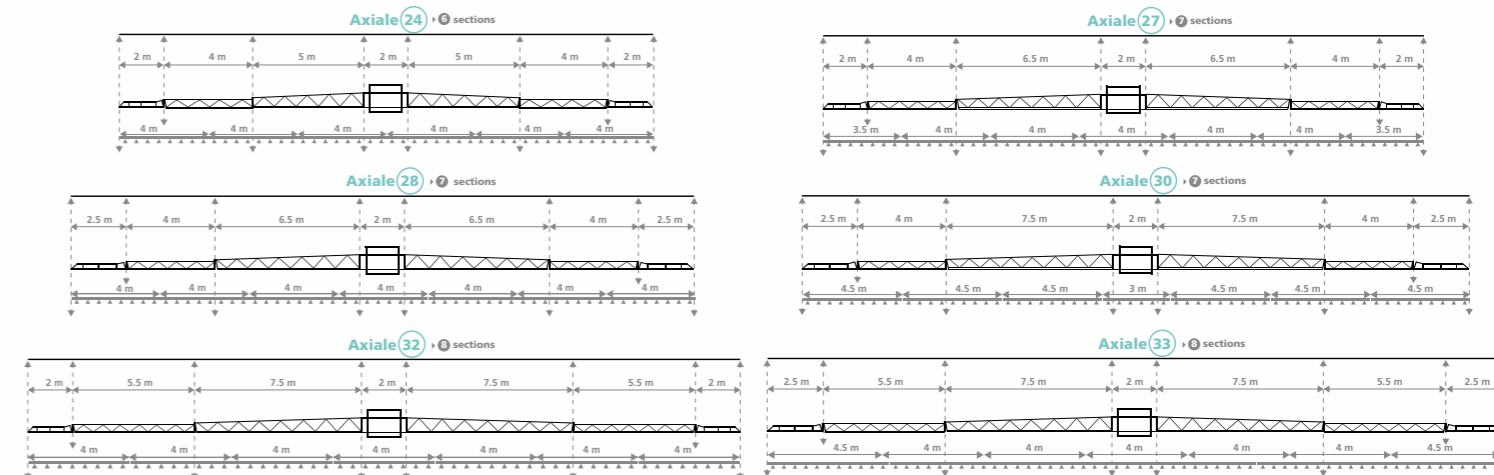
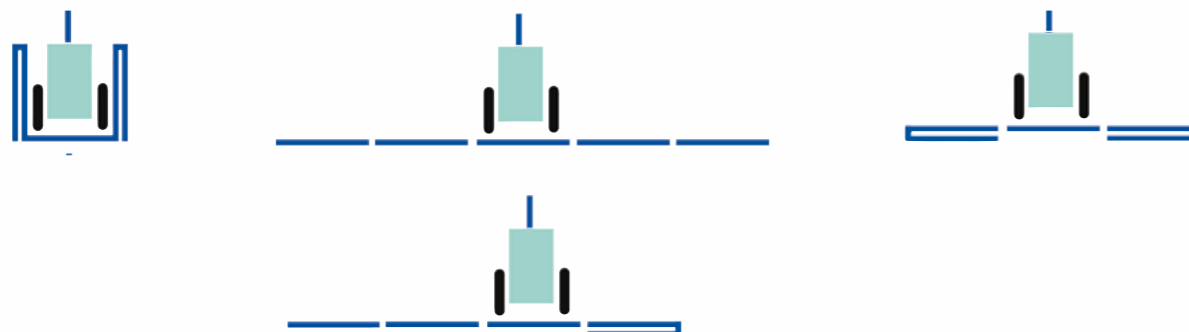
built for large-scale farming



The boom is equipped with an anti-yaw device, with one independent shock absorber on each arm to reduce whipping of the boom mostly during acceleration and deceleration, thus protecting the boom structure.

Folding and layout

folding and layout



EKTAR B2

Aluminium boom made in Berthoud



Boom Ektar B2 : Great asset in terms of performance

Available in 36, 38, 40 and 42m, Berthoud has designed Ektar B2 to give you a real advantage to increase your working rates

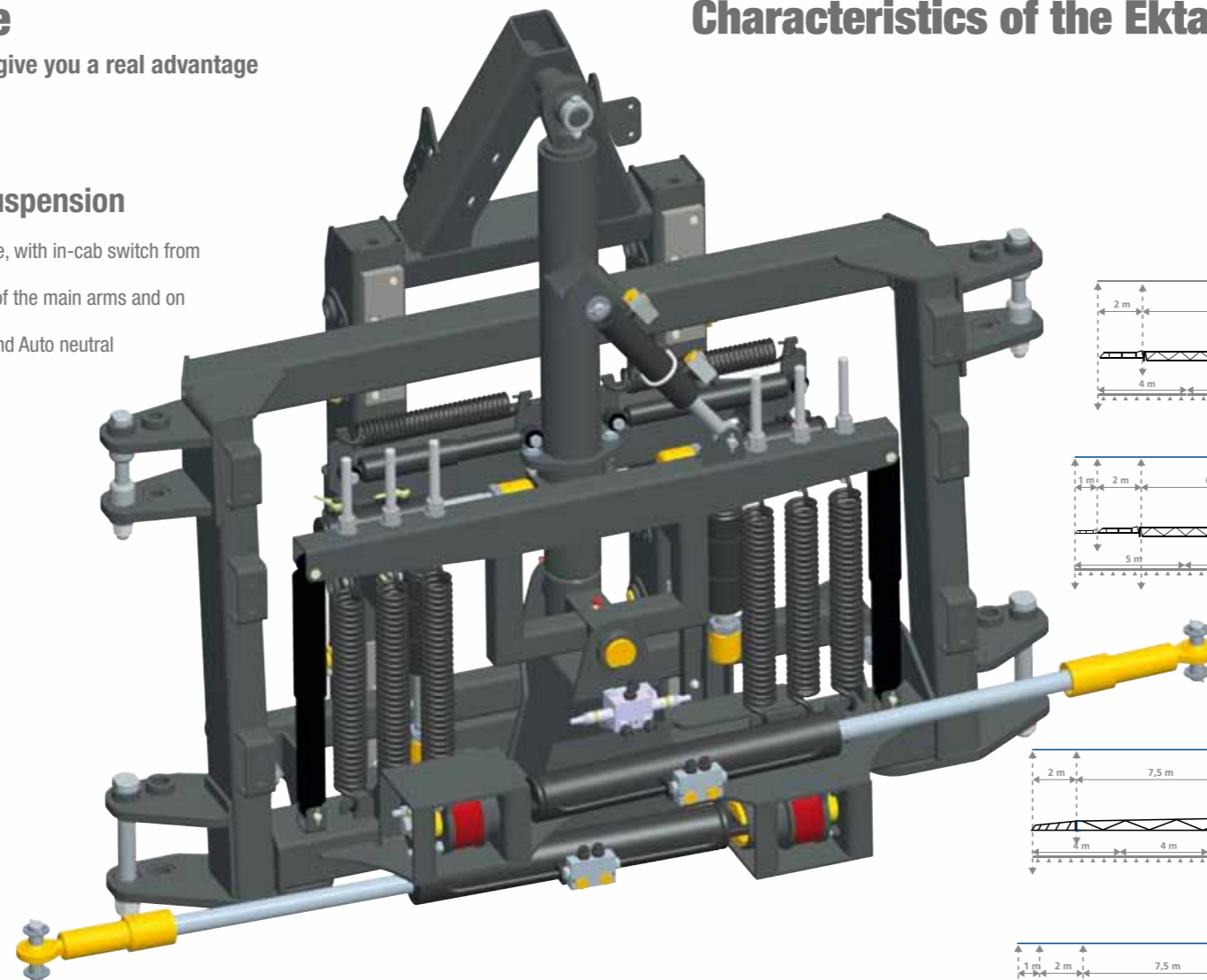
BERTHOUD Pendulo-Axiale suspension

- Can be used in Axiale mode or Pendulum mode, with in-cab switch from one type to the other
- Double anti-yaw device : on the folding rams of the main arms and on the mobile frame
- Standard angle corrector, variable geometry and Auto neutral

BERTHOUD designed, triangulated arm structure = compact and sturdy for high work speeds

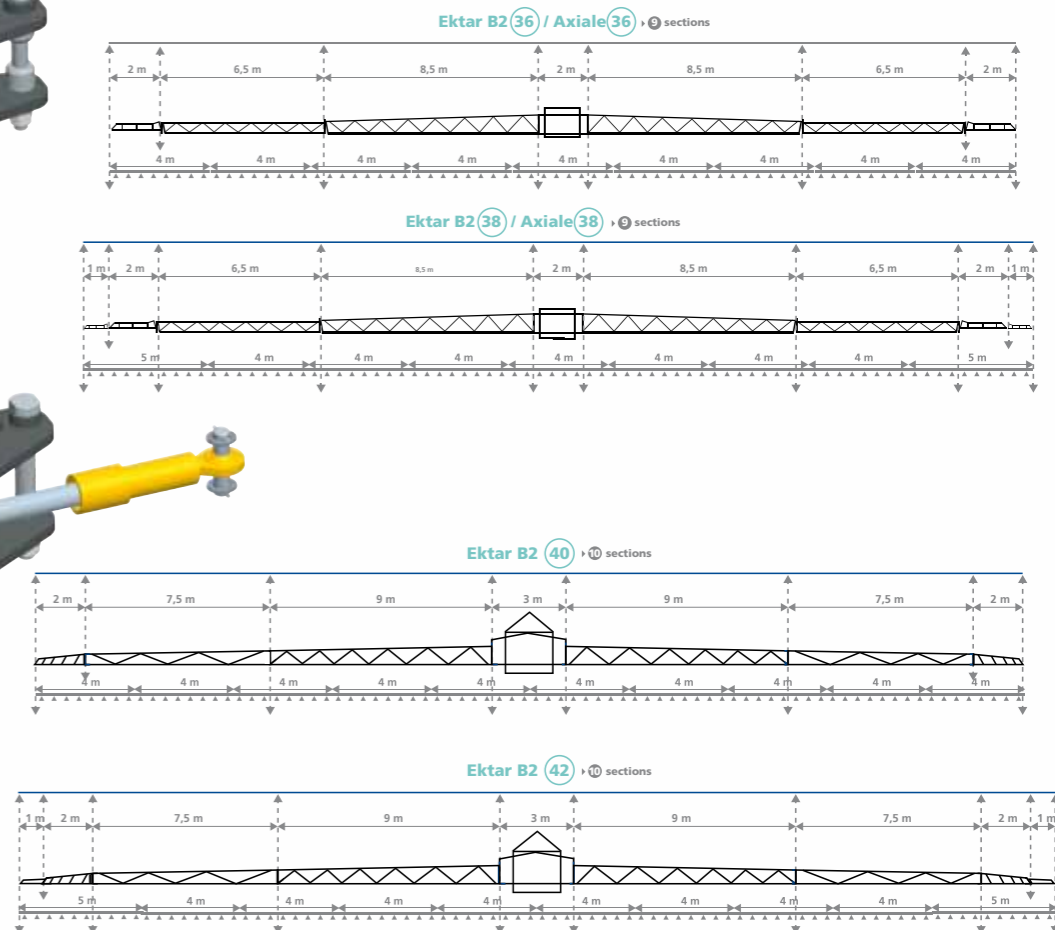


Hinges largely dimensioned in steel, ensuring these lock while working
Cylinder working with shaft retracted when the boom is unfolded = good locking



AXIALE 36-38 Characteristics of the Ektar B2 boom but in steel

structure and sections layout for Ektar B2 and Axiale 36/38m



EKTAR B3

The Ektar advantage in compact version

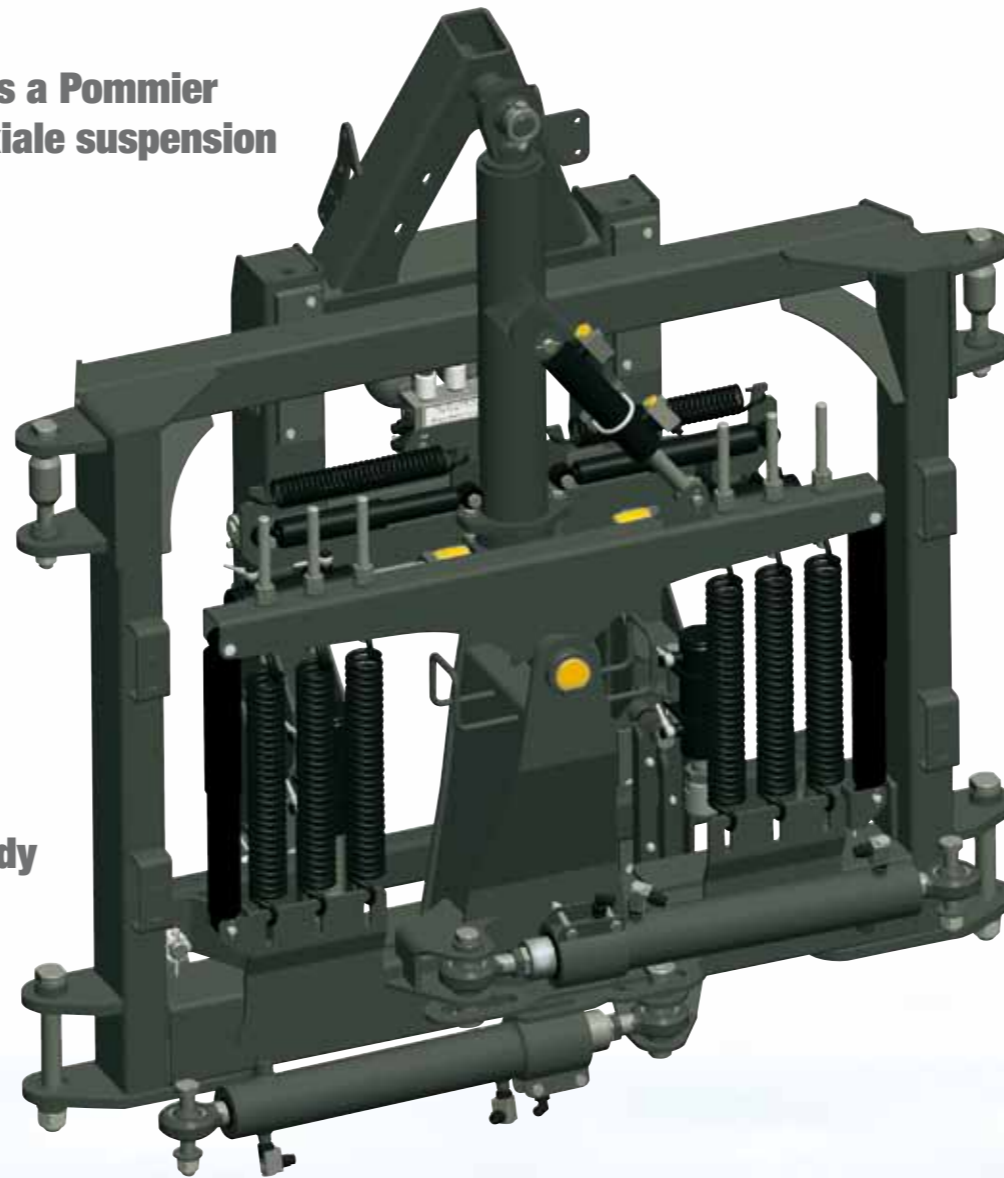
Available from 36 to 44m, the Ektar B3 boom has a Pommier design arm and is associated with a Pendulo-Axiale suspension

BERTHOUD Pendulo-Axiale suspension

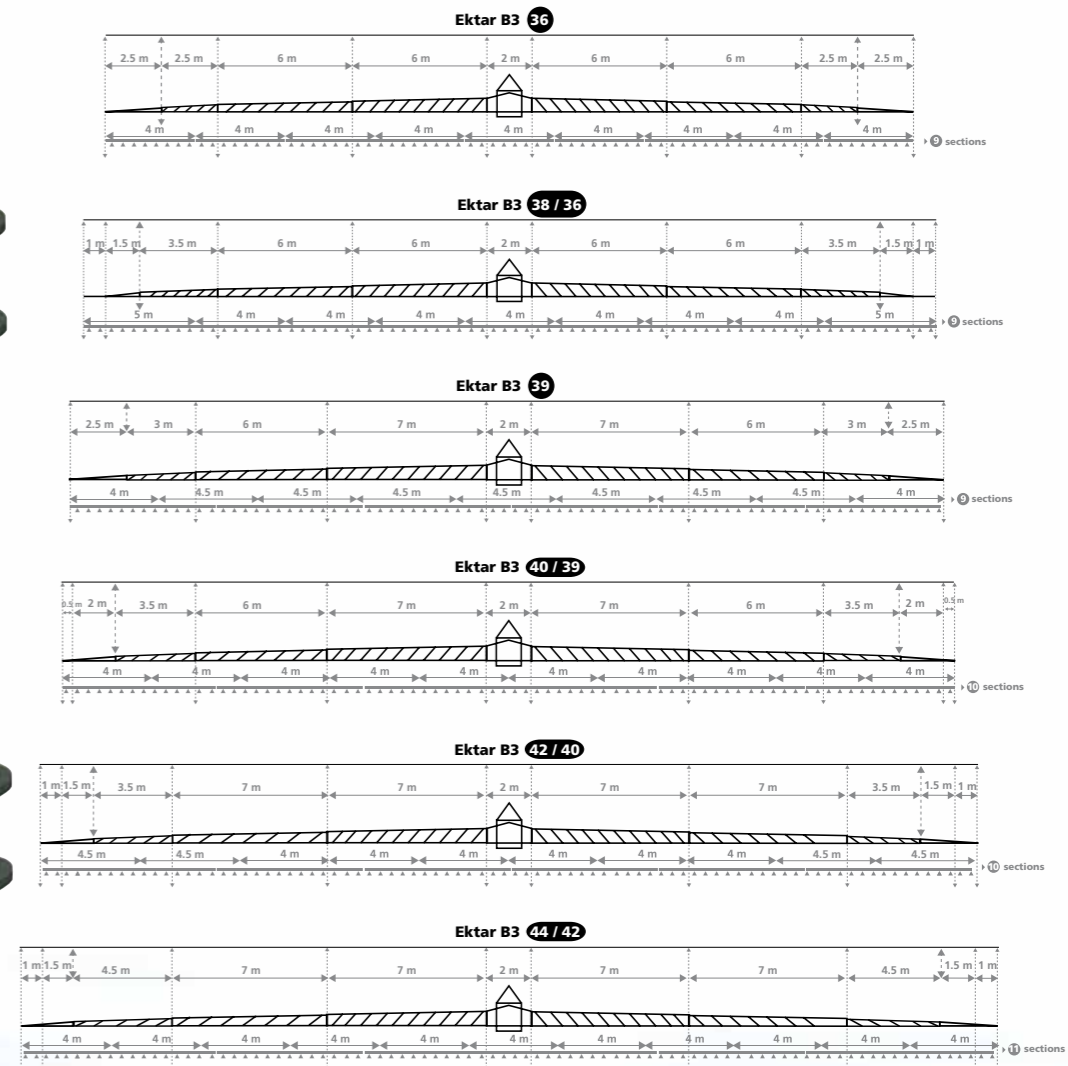
- Allows you to work in Axiale mode or pendulum mode, you can switch from one mode to the other from the cab
- Double anti-yaw device :
 - on the mobile frame
 - on the folding rams of the main arms : based on double cylinders with nitrogen accumulators, it optimises the anti-whipping control, particularly on this 3 arm structure



Pommier design arm structure : compact and sturdy



Structure and sections layout for Ektar B3 (standard)



Optional equipment that makes the difference

BOOM CONTROL: the most efficient system on the market

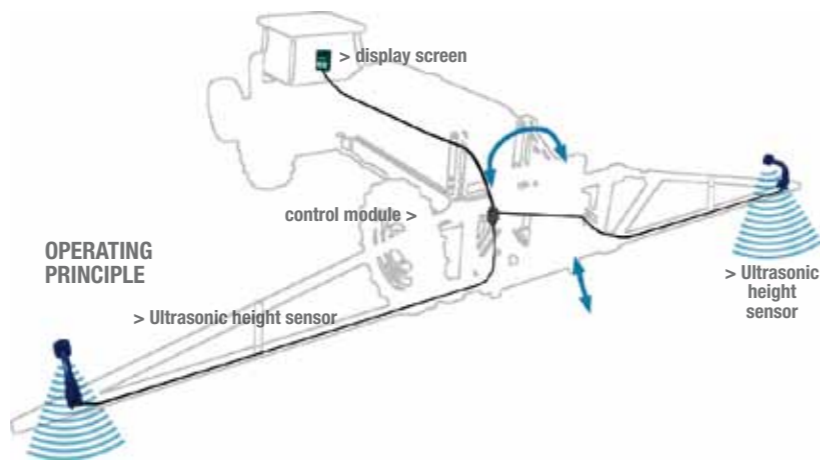
The BERTHOUD BOOM CONTROL automatic boom height regulation system is available as an option on all of our machines fitted with solenoid valves. The BOOM CONTROL system maintains the boom at a height preset by the user. Three versions are available:

SLANT CONTROL version

The SLANT CONTROL version allows you to control the height of the boom and the slope automatically.

This version of BOOM CONTROL is designed for:

- sprayers with boom up to 28 m
- sprayers operating in relatively flat ground
- sprayers not fitted with variable geometry

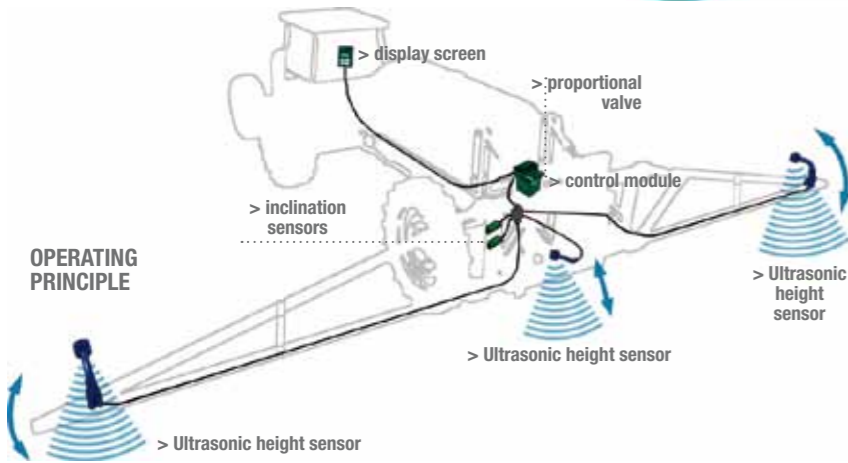


TOTAL CONTROL version

The TOTAL CONTROL version controls the height, variable geometries, etc.

This version of BOOM CONTROL is designed for:

- boom greater than 28 m fitted with variable geometry
- hilly terrain

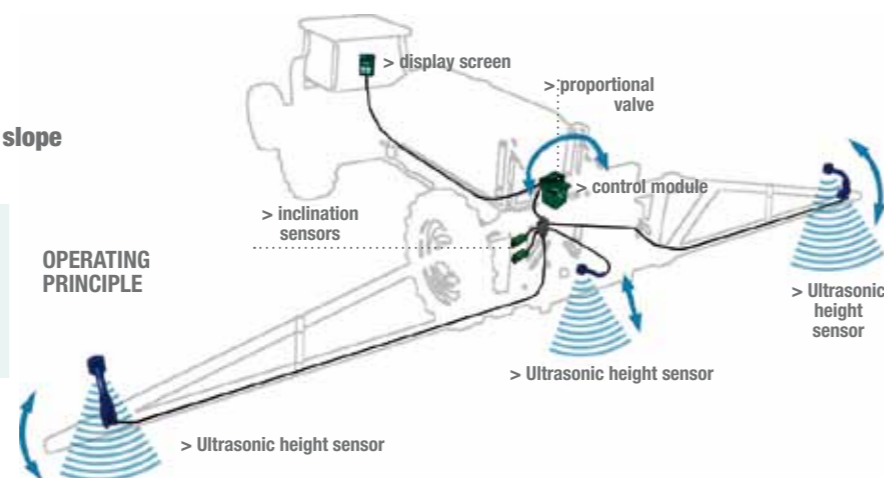


ACTIVE ROLL version

The ACTIVE ROLL version controls the height, the slope corrector and variable geometries.

This version of BOOM CONTROL is designed for:

- Booms greater than 33 m
- Hilly terrain
- High working speeds



Benefits of BOOM CONTROL

- > Working speed up to 30 km/h
- > Soil/Crop mode
- > With the version TOTAL CONTROL and ACTIVE ROLL, there is a proportional hydraulic valve for quick and smooth operation
- > Automatic headland mode
- > Factory fitted or retrofit

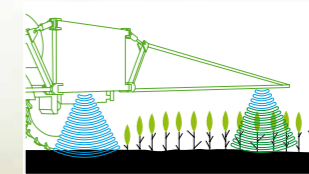
No matter what type of BOOM CONTROL you use, 3 modes are available :



Soil mode :
Can be used on bare ground, the sensor takes into account the lowest point / le longest wavelength



Crop mode :
Can be used when the crop covers the ground, the sensor takes into account the highest point / the shortest wave



Hybrid mode :
Can be used when the crop canopy is not continuous or when the crop height is uneven (for ex. rape)
Each sensor takes into account the highest and lowest point in order to determine the density of the crop canopy.
In case of lack of vegetation, the system will consider the state of the other sensors before adjusting the boom to make a correction.



Features & Equipment

	RAPTOR 3240	RAPTOR 4240	RAPTOR 5240	RAPTOR 4240 AS DARK EDITION	RAPTOR 5240 AS DARK EDITION
CHASSIS					
SUSPENSION					
Pneumatic suspension (2 front, 1 rear)	X				
Pneumatic suspension (2 front, 2 rear)		X	X	X	X
Hydraulic shock absorbers	X	X	X	X	X
GROUND CLEARANCE					
1,05m	X				
1,1m		X	X	X	X
1,25m	0	0	0	0	0
1,4m	0	0	0	0	0
1,6m	0	0	0		
1,8m	0				
Hydraulic ground clearance 1,25 - 1,80m		0			
MECHANICAL VARIABLE WHEEL TRACK					
1,8m - 2,25m		X		X	X (min. wheel track 2,25m)
1,8m - 2,4m	X				
2m - 2,7m	0	0	X (min. wheel track 2,25m)	0	0
2,2m - 3m		0	0	0	0
2,5 - 3,05m	0				
2,8 - 3,50m	0	0	0		
2,25 - 2,95m		X (with hydraulic ground clearance)			
2,4 - 3,05m		0 (with hydraulic ground clearance)			
HYDRAULIC WHEEL TRACK					
1,8m - 2,25m		0		0	0
1,8m - 2,4m	0 (GC 1,05 or 1,25m)				
2m - 2,7m	0 (GC 1,05 or 1,25m)	0	0	0	0
2,4 - 3,05m	0 (GC 1,05 or 1,25m)	0	0	0	0
2,25 - 2,95m		0 (with hydraulic ground clearance)			
STEERING					
2 WS	X	X	X	X	X
4 WS	X	X	X	X	X
Crab steering	X	X	X	X	X
Rear slope corrector	X	X	X	X	X
Wheelbase	3,9m	4,45m	4,45m	4,45m	4,45m
TURNING RADIUS					
4RD	4,8m	5,1m	5,1m	5,1m	5,1m
TRANSMISSION					
4 wheel drive	X	X	X	X	X
2 variable delivery pumps	X	X	X	X	X
Fast front motors with variable delivery from 20 to 55 cm3	0	X	X	X	X
Fast front motors with variable delivery from 28 to 80 cm3	X				
Differential locking	0	X	X	X	X
Automotive driving	X	X	X	X	X
ECO mode	X	X	X	X	X
Speed Control HYDROPILOT	X	X	X	X	X
ENGINE					
DEUTZ TIER 3 200 HP (Not for EU)	X	X	X		
DEUTZ TIER 3 270 HP (Not for EU)		0	0		
DEUTZ TIER 4F 217 HP	X	X	X		
DEUTZ TIER 4F 245 HP		0	0	X	X
SPEEDS					
Field : 19-25km/h	X	X	X	X	X
Road : 40 km/h	X	X	X	X	X
Fuel tank	360l	360l	360l	360l	360l
Hydraulic folding ladder for access to cab	X	X	X	X	X
Pre-equipment fro GPS guidance	0	0	0	0	0

	RAPTOR 3240	RAPTOR 4240	RAPTOR 5240	RAPTOR 4240 AS DARK EDITION	RAPTOR 5240 AS DARK EDITION
SPRAYING UNIT					
Main tank	3200l + 5%	4200l + 5%	5200l + 5%	4200l + 5%	5200l + 5%
Rinse tank 260 l					
Rinse tank 440 l	X				
Rinse tank 450 l		X	X	X	X
Hand wash tank	X	X	X	X	X
Hydraulic retractable chemical funnel	X	X	X	X	X
GAUGES					
Tape gauge	X	X	X	X	X
NIVELEC gauge	X	X	X		
NIVOMATIC gauge	0 (X for DARK version)	0 (X for DARK version)	0 (X for DARK version)	X	X
DUALELEC 5	0 (X for DARK version)	0 (X for DARK version)	0 (X for DARK version)	X	X
FILTERS					
Filling filter 8/10	X	X	X	X	X
Pressure filter 4/10	X	X	X	X	X
AGITATION					
Adjustable agitation	X	X	X	X	X
Electric agitation shut-off	0	0	0	X	X
Boom rinse without return to tank	X	X	X	X	X
Lav'ton main tank	X	X	X	X	X
CONTROL SYSTEMS					
EC TRONIC	X	X	X	X	X
VITRONIC	0	0	0	0	0
ISOTRONIC	0	0	0	0	0
BOOM CONFIGURATION					
AXIALE Boom	X	X	X		
EKTAR B2/B3 Boom		X	X		
EKTAR Front boom				X	X
Stainless steel lines	X	X	X	X	X
NOZZLES					
BOOM CONTROL					
Semi-continuous circulation	0	0	0		
Continuous circulation (AGP)	0 (X for DARK version)	0 (X for DARK version)	0 (X for DARK version)	X	X
Boom lighting	0 (X for DARK version)	0 (X for DARK version)	0 (X for DARK version)	X	X
External wash	0 (X for DARK version)	0 (X for DARK version)	0 (X for DARK version)	X	X
TWINLIFT	0	0	0		

X	Standard
0	Optional
	Not available



Dimensions

	RAPTOR 3240			
	AX24	AX28	AX30	AX32-33
Total empty weight	8445	8510	8875	8900
Empty weight Axle 1	4525	4560	4755	4770
Empty weight Axle 2	3920	3950	4120	4130
Total G.V.W.R.	12380	12445	12805	12840
G.V.W.R. Axle 1	5815	5845	6015	6030
G.V.W.R. Axle 2	6565	6600	6790	6810
Dimensions (with standard ground clearance)				
Length (in m)	8,96	8,73	8,73	8,73
Width (in m)	2,55	2,55	2,55	2,55
Height (in m)	3,83	3,825	4	4

	RAPTOR 4240							
	AX24	AX28	AX30	AX32-33	Ektar B2 36/38	Ektar B2 40/42	AXIALE 36/38	EKB3 38/36
Total empty weight	9050	9120	9480	9510	10040	10480	10040	10780
Empty weight Axle 1	4787	4824	5015	5031	5220	5550	5220	5710
Empty weight Axle 2	4263	4296	4465	4479	4820	4930	4820	5070
Total G.V.W.R.	13990	14060	14420	14450	14980	15420	14740	15720
G.V.W.R. Axle 1	6561	6594	6763	6777	7075	7280	6860	7420
G.V.W.R. Axle 2	7429	7466	7657	7673	7905	8140	7880	8300
Dimensions (with standard ground clearance)								
Length (in m)	9,55	9,32	9,32	9,32	9,74	10,25	9,74	
Width (in m)	2,55	2,55	2,55	2,55	2,55	2,55	2,55	2,55

	RAPTOR 5240							
	AX24	AX28	AX30	AX32-33	Ektar B2 36/38	Ektar B2 40/42	AXIALE 36/38	
Total empty weight	9150	9220	9580	9610	10140	10580	10140	
Empty weight Axle 1	4941	4979	5173	5189	5270	5600	5270	
Empty weight Axle 2	4209	4241	4407	4421	4870	4980	4870	
Total G.V.W.R.	15090	15160	15520	15550	15600	16520	16080	
G.V.W.R. Axle 1	7092	7125	7294	7309	7483	7518	7483	
G.V.W.R. Axle 2	7998	8035	8226	8242	8597	9002	8597	
Dimensions (with standard ground clearance)								
Length (in m)	9,55	9,32	9,32	9,32	9,74	10,25	9,74	
Width (in m)	2,55	2,55	2,55	2,55	2,55	2,55	2,55	

	Raptor 4240 AS		Raptor 5240 AS	
	Ektar 36/38	Ektar 40/42	Ektar 36/38	Ektar 40/42
Total empty weight	10720	11060	10820	11160
Empty weight Axle 1	4980	5140	5025	5185
Empty weight Axle 2	5740	5920	5795	5975
Total G.V.W.R.	15660	16000	15760	16100
G.V.W.R. Axle 1	6680	6825	6725	6870
G.V.W.R. Axle 2	8980	9175	9035	9230
Dimensions (with standard ground clearance)				
Length (in m)	10,35	11,3	10,35	11,3
Width (in m)	2,55	2,55	2,55	2,55
Height (in m)	4,2m	4,2m	4,2m	4,2m

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BERTHOUD agricole – 69220 BELLEVILLE

Tel : +33 (0)4 74 06 50 50 - Fax : +33 (0)4 74 06 50 77 - www.berthoud.com

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