

SELF PROPELLED GREEN BEAN HARVESTER



GB7150

GB7150 | SELF PROPELLED GREEN BEAN HARVESTER

The Oxbo GB7150 has been specifically designed for the harvesting of green beans. A well proven concept the machine continues to evolve, incorporating continuous design improvements for better performance and reduced maintenance.





OXBO GB7150 FEATURES

✓ **HIGH CAPACITY HOPPER**

The high capacity hopper has variable discharge height. Beans are discharged from the hopper by the plastic interlocking conveyor for gentle unloading



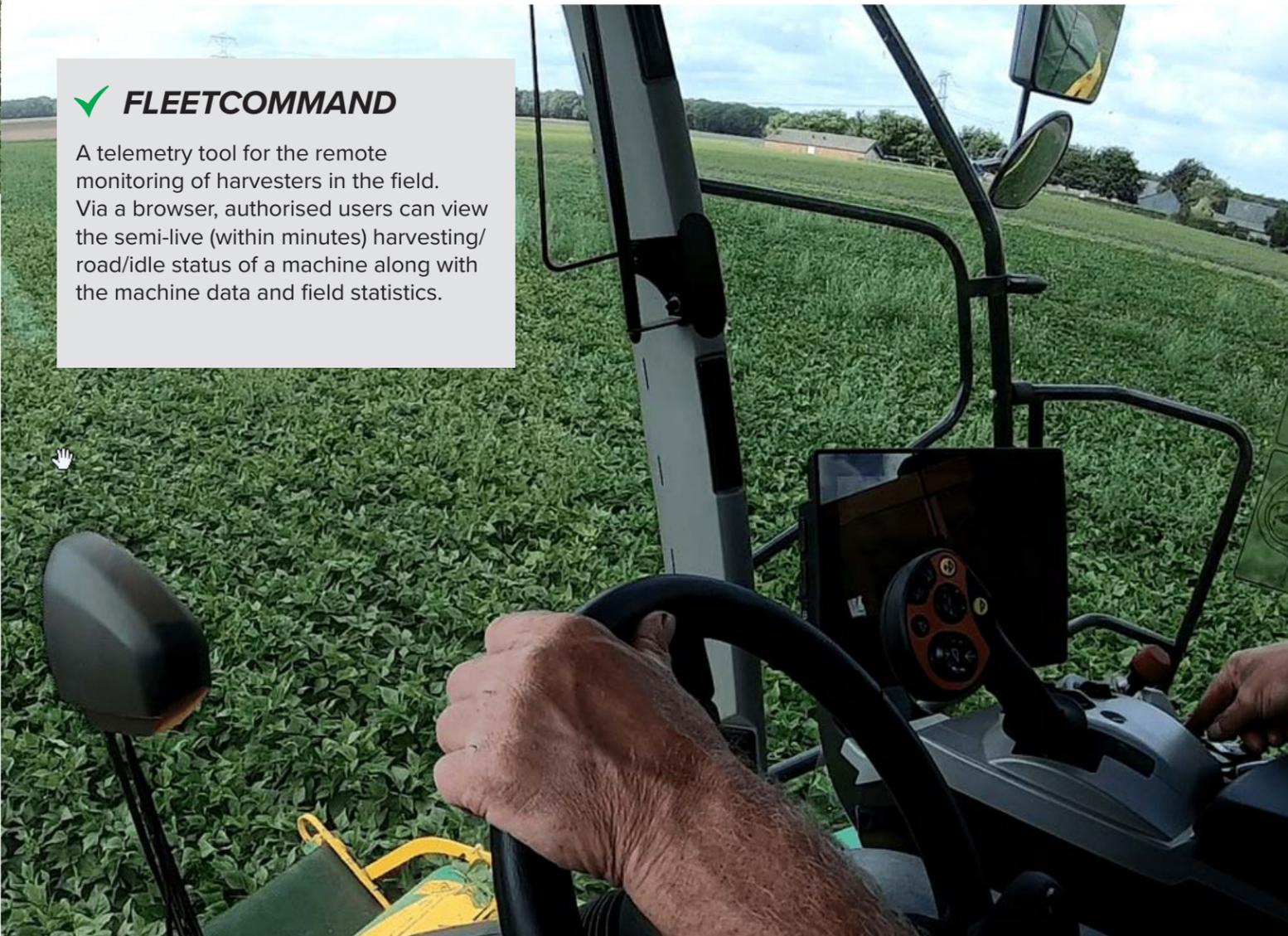
✓ **ARTICULATED FRAME**

The articulated frame enables the machine to operate in areas of limited access and minimizes unharvested crop as the rear wheels follow the path of the front wheels. The crab steering feature on the front wheels maximizes clearance between the wheels and the unharvested crop in adverse conditions.



✓ **FLEETCOMMAND**

A telemetry tool for the remote monitoring of harvesters in the field. Via a browser, authorised users can view the semi-live (within minutes) harvesting/ road/idle status of a machine along with the machine data and field statistics.



✓ **CABIN**

The climate controlled Vista II Claas cabin, with CCTV camera system, allows excellent all round visibility and operator comfort. The 12" touch-screen monitor provides easy access and control of all key harvester functions.



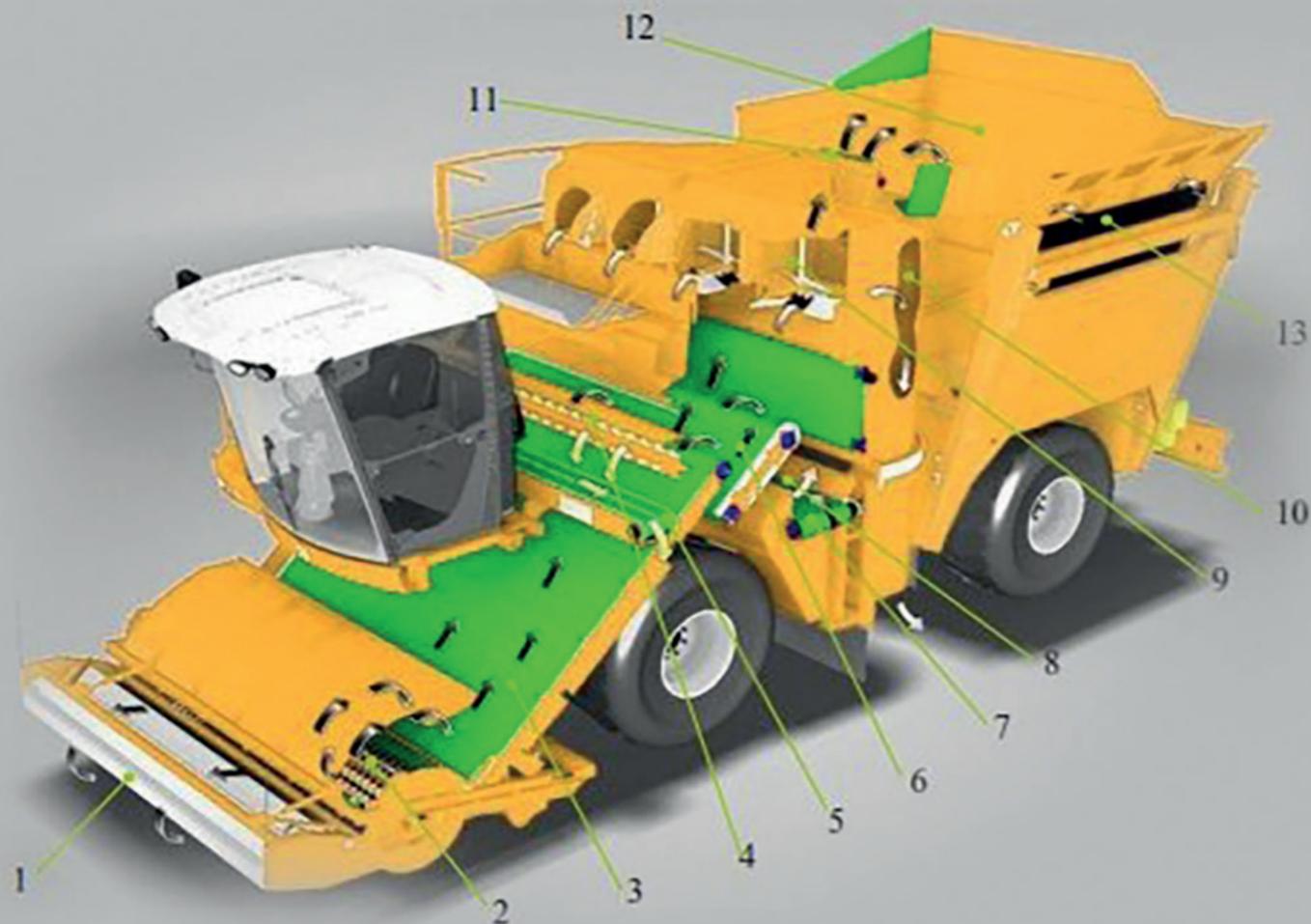
✓ **RUBBER MOUNTED**

Plants are presented to the rubber mounted picking tines by the plant aligning brushes. An optional plant aligning belt is available to replace the brushes.

PRINCIPLE OF OPERATION

Brushes and rollers, at the front of the picking head present the bean plants head first to the rotating Picking Reel (2). The tines of the Picking Reel then strip the beans and some leaves from the plant and throw them on to the full width Main Feed Elevator (3). As the crop moves up the Feed Elevator it passes under the rotating Plant Extractor Reel (4). The steel tines of the Plant Extractor Reel move through the crop and remove plant stalks and beans that are in clusters. These are then placed on the Plant Extractor Conveyor (5), which moves the waste material to the left of the vehicle and deposits back in the field. From the top of the Main Feed Elevator the crop is conveyed onto the Transfer Elevator (6). The crop then falls from the top of the Transfer Elevator onto the two Cross

Conveyors (7). As the crop is falling from the Transfer Elevator it passes through an air stream created by the two Blower Fans (8) and the four Extractor Fans (9). The powerful airflow separates any remaining waste from the beans and deposits it back on the field via the air ducts (10) on the rear corners of the front chassis section. An additional pinned decluster belt in the rear of the cleaning chamber lifts clusters to within reach of the four extractor fans. The cleaned crop then drops onto the two Cross Conveyors and is then transferred to the central Hopper Elevator (11). The Hopper Elevator transports the beans to the Hopper (12) that is located on the rear chassis section. The Hopper is equipped with either a moving floor (13) or moving bars to control the unloading of the beans.



Oxbo has been producing vegetable harvesters in Fakenham, Norfolk for over forty years. We have a highly loyal and experienced team of employees dedicated to providing our customers the very best in harvesting technology. Our in-house design team alone has over 40 years combined experience. Working closely with growers and processors our harvesters have been developed to increasing levels of capacity, reliability and efficiency, delivering a high quality end product as economically as possible. Our products are supported worldwide either directly from the Fakenham factory or via our service network. Our pre-and after-sales services include operator training; specialist technical support; 24/7 in-season service; out-of-season maintenance and spare parts sales. All of this combines to ensure our customers obtain the best value and performance from their Oxbo harvester.

SPECIFICATIONS

Main dimensions	
Length	9900
Overhang	2250
Wheel centres	4000
Overhang front	3650
Height	3950
Discharge height	
Maximum	4200
Minimum	3800
Height (max)	7500
Width	3500
Weights (on the road) kgs	
Front axle	8870
Rear axle	8300
Total (approx)	17170
Fluid capacities litres	
Fuel	650
Hydraulic oil	400
Hopper Capacity	
Volume	14,4m ³
Weight of beans (approx)	4000-5000kg
Tyres	
Alliance	750/65R26
Hydraulic Oil	0.700 m
Rolling circumference	4.750 m
Pressure	1.6 bar
Engine	
Make	John Deere
Type	6068CI550
Power rating	209 kW (DIN3046)
Capacity	6.8 litres
Transmission	
Type	Hydrostatic
Pump	Danfoss 130 cc/rev
Motors (front)	Poclair MSE18
Motors (rear) 6WD	Poclair MSE18
Motor displacement	2106/700cc
Vehicle speeds	
Road	25 kph
Field	9.8 kph



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Visit our website at
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