

TWIN MERGER



CM240

CM240 | TWIN MERGER

The Oxbo CM240 twin merger delivers the ultimate in merger flexibility with the ability to merge 12.5m of crop into consistent windrows, merging to the left, right or center.





CM240

DELIVERING THE HIGHEST QUALITY FORAGE

The CM240 is the newest Oxbo merger, building on Oxbo's commitment to forage quality for over 20 years. The twin CM240 merger is designed to open the benefits of merging up to new markets, including high quality grasses, clover, alfalfa and small grains. The Oxbo CM240 features a robust design and reliable components to deliver long field life.

For years, Oxbo has made a commitment to designing mergers that deliver the highest quality forage. The new technology on the CM240 is designed to pick-up a wide range of crop types and building smooth windrows across all crop types.

The new CM240 combines Oxbo's next generation pick-up technology combining driven crop rollers in front of the small camless pick-up and a rotor designed to take the forage from the pick-up and transition it in a controlled way onto the conveyor belt. The result: a fluffy and homogeneous windrow and higher quality forage due to less ash.

The Oxbo CM240 is designed to deliver better windrows and better forage quality.



Smooth windrows with optimum mass per meter swath translate into reduced fuel consumption per ton product, higher shopper capacity and up to 50% less knife wear due to less ash.



Merging with the Oxbo CM240 with sloping pick-up tines and flexible pick-up for the best following of the field contour has proved to deliver higher feed quality through lower external ash content.



Oxbo pick-up technology translates into the fastest merging speeds, even in high tonnage crops.



The CM240 allows you to merge the widest range of forage crops, across the widest range of field circumstances.

✓ EASY OPERATION

Jump in and go!

The Oxbo CM240 is designed to be easy to operate from the first day of use.

The CM240 is ISOBUS-ready and AEF-certified. All screens and controls are built by our experts in the forage business.

An optional ISOBUS terminal and joystick are available for customers running non ISOBUS tractors.



✓ MOVE BEYOND A ROTARY RAKE

For years, the only way to productively windrow high quality forage was with a rake. With the introduction of the high-capacity CM240, more forage operations can benefit from a merger than ever before.

Across crop types – grasses, clover, alfalfa and small grains – for baling or shopping, the CM240 delivers all the proven benefits of merging: increased chopping capacity, lower ash content and higher feed quality.





OXBO CM240



- A** Small diameter pick-up with spoiler fingers for optimum crop flow to load the conveyor belt vertically in a homogeneous way.
- B** Pair of driven aluminum crop rollers ensure good throughput of the crop and no balling in front of pick-up.
- C** Powered, integrated throughput rotor keeps the crop flowing from the pick-up to the conveyor belt.
- D** The conveyor belt is very suitable for high tonnage crops.
- E** Four floatation discs per header for optimal following of field contour for perfect picking-up quality.



OPTIONAL AUTOLUBE SYSTEM

- Oxbo's optional automatic lubrication system improves component life and reduces maintenance costs.
- The easy access allows for fast filling and monitoring.



CONFIGURE THE CM240 TO YOUR NEEDS

- Standard 4 LED work lights with optional 4 additional work light package for full operational visibility, even at night.
- Add the optional joystick and terminal for non-ISOBUS tractors or the joystick for easier use with the ISOBUS system.



HEADLAND OPERATION

- Both pick-ups fast lifted at the headland to turn over headland swaths or pick-up for pick-up to merge field keys areas.
- Lifting height is adjustable on ISOBUS terminal.



ROTOR LIFTED – SERVICE POSITION

- Lifting the rotor gives free access to the flexible pick-up for cleaning and maintenance.



INDUSTRY LEADING PICK-UP TECHNOLOGY

- Oxbo has optimized the crop transfer to deliver industry leading performance, even in high tonnage forage.
- Trailed tines combined with a flexible pick-up, two powered crop rollers and a throughput rotor keep forage from balling in front of the pick-up heads, even in high tonnage or fast field speeds.
- Designed to make fluffy homogeneous windrows in all type of forage crops.

AUTOMATIC STEERING WITH MANUAL OVERRIDE

- The Oxbo CM240 twin merger features an automatic and manual steerable rear-axle.
- Oxbo's steering makes it easy to get into tight field corners and clean out corners, to run the merger offset from the tractor (crabsteer) or to address other challenging field conditions and leave no valuable crop behind.
- Due to the steerable rear axle, it is not necessary to drive over headland swaths when turning.





PICK-UP HEADPLATE

Pick-up headplate for good separation of the crop at outside of pick-ups. Spoiler fingers with throughput rotor, allowing the belt to be loaded vertically and creating an airy, loose, even swath. Six rows of trailing pick-up tines for good pick-up quality and minimal intake of contaminants (soil, sand, stones).



PICK-UP ELEMENT FLOATING

Pick-up element hydraulic floating cylinders, 2 per element for floating, quick bottom contour height adjustment and lifting. Headland lifting height adjustable on ISOBUS terminal.



THROUGHPUT ROTOR

Throughput rotor above the cam less pick-up with plastic rotor scrapers for optimal crop flow and vertical loading of the conveyor belts over the pick-up spoiler fingers.



ROTATING SLIDING DISCS

Rotating sliding discs (no sliding shoes) for following field contour in combination with hydraulic floating gives perfect ground following and therefore very good crop pick-up. This together with the hydraulic float prevents grass sods damage.



DOUBLE ALUMINUM CROP ROLLERS

Hydraulic driven double aluminum crop rollers for higher capacity, spring relief suspended and position fully adjustable. Speed in series with pick-up and rotor.



FOLDING CYLINDER

Folding cylinder in combination with angled hinge, gives smooth quick folding and unfolding movement. From horizontal elements in transport position to transverse direction in working position.



CONVEYOR BELT

Easily splittable robust rubber conveyor belt for long life. Belt width 1016mm, flights 25mm high, 450mm distance.



STEERABLE REAR AXLE

Steered rear axle with one steering cylinder also tie rod, air braked and large crop passage under the axle of 1.0m.



TENSIONING CONVEYOR BELT

Simple and easy adjustable tensioning of the conveyor belt.



CARTRIDGE HYDRAULIC

Cartridge hydraulic valve blocks, centrally placed, well protected under easily opening plastic cover.



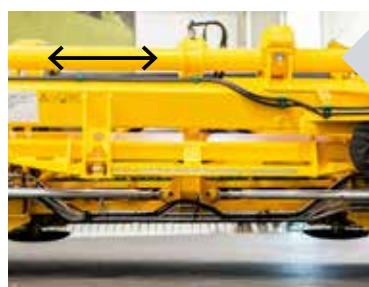
WORKING HEIGHT CYLINDER

Working height cylinder with potentiometer for accurate working height adjustment from ISOBUS terminal "on the go".



HYDRAULIC OIL TANK

Hydraulic oil tank with suction filter, sight glass with level and temperature indication and sensors for level and temperature for notification on ISOBUS terminal.



SIDE-SHIFT ADJUSTMENT

Side-shift adjustment of elements for middle swath or side swaths. 7 different swath patterns "on the go" selectable on ISOBUS terminal. Center swath width infinitely adjustable "on the go" from ISOBUS terminal.



HITCH COUPLING

Hitch coupling for Cat. 3 and 3N width.



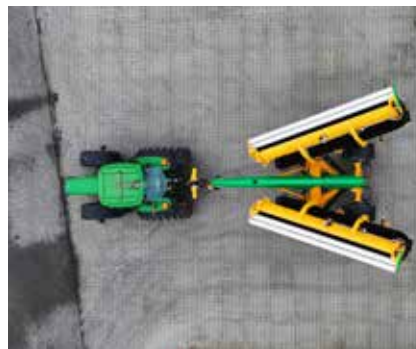
SPECIFICATIONS

Standard specifications	
Type	CM240 Twin Merger
Working width	2 x 5.25m wide pick-up + max. 2m center-swath = 12.5m
Pick-up	
Pick-up	Flexible 3 piece pivoting
Pick-up diameter	345mm over tines
Pick-up type	Camless pick-up with 6 rows of tines
Pick-up tines	6mm trailed spring tines
Working height-control	Hydraulic adjustable and with adjustable float control, all from the cab, with 4 discs to follow exact field contour
Crop rollers	Double aluminum hydraulic driven crop rollers, spring suspended with adjustable position
Crop rotor	Active driven crop rotor above pick-up, with hydraulic float and anti-wrapping system
Conveyor belt	1016mm wide rubber split belt, 25mm high flights, 450mm distance
Drive-system	PTO driven on-board hydraulic drive system for pick-up system and conveyor belts, one LS-pump per header, cylinder functions via LS-system of tractor, oil tank integrated in frame, 125 liter tank with suction- and return filter
Rear axle	Electro-hydraulic automatic steered rear axle with manual override via joystick
Tires	Standard 500/55-22.5, optional 600/50R22.5, grassland profile, optional fenders
Brakes	Airbrakes or hydraulic. Springbooster parkbrake
Lightning	LED, road lights and standard 4 worklights or optional 8 worklights
Dimensions	
Length	8.8m
Width	3.0m, optional 3.2m
Height	3.65m
Weight	7.6 tons
Connection	
Connection	Hitch Cat. 3 or 3N, PTO 1.3/8", 6-splines
PTO rpm	1000 or 1000E
Operation	Standard over tractor ISOBUS-Virtual Terminal (VT/UT), version 3.0 or higher. AEF-certified for UT and AUX-N. Optional separate ISOBUS terminal and/or joystick. Software with automatic functions for drive-speed dependable speed of pick-up, crop rotor, crop rollers and conveyor belts.

Transport position



Machine 25% folded-out



Machine 50% folded-out



Machine 75% folded-out



Machine 100% folded-out, side-swath position



Machine 100% folded-out, center swath position

