



50 Series Cornheads

Make every kernel count



whatever it takes

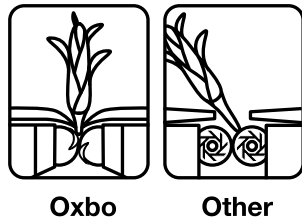
Oxbo offers yield maximizing technology

Oxbo is the proven leader in corn harvest technology. Since 1982, Oxbo has been designing, engineering and manufacturing cornheads that have been proven in the most demanding conditions, in more than 20 countries. We made our reputation providing equipment to the sweet corn and seed corn industries, where literally every kernel counts. In fact, we're the worldwide leader in sweet corn and seed corn harvesting equipment.

Now you can put this high productivity harvesting technology to work in your fields, with the new Oxbo 50 Series cornhead.

The new Oxbo 50 Series cornhead is "easy on the ears"

The new 50 Series cornhead is specifically designed for high productivity harvesting in any condition you might encounter, even down corn and low ears. Most conventional cornheads literally tear the ears from the stalk, losing kernels every step of the way. The Oxbo 50 Series cuts the ear off cleanly, reducing header loss. The difference is better grain recovery on every acre.



Reap more of what you grow with Oxbo



Rubber gathering belts are one key to our exclusive Soft Touch™ technology

Deep lugged, durable rubber belts are the gentlest solution for harvesting. Rubber belts reduce ear shelling, convey more efficiently, and operate quieter than other cornheads. The Oxbo 50 Series and our exclusive Soft Touch technology is "easy on the ears" — for you and your corn crop.

This could be the best cornhead ever made.

At harvest time, every kernel counts. And every minute counts. Oxbo's exclusive system is field-proven in the most demanding harvest conditions you can imagine. Seed corn or sweet corn processing plants operate night and day, and harvesting downtime is simply not an option.

That's why Oxbo is built to performance standards that other brands can't match. For example, the Remote Actuated Stripper Plates (RASP) are a patented Oxbo exclusive. The beveled stripper plates stay centered over the knife rolls when adjusted, promoting straight-down stalk flow and gentle ear removal, with less plugging. Ears are cut off cleanly, reducing both trash and ear damage.

Exclusive knife roll design provides a clean cut and exceptional residue management

Oxbo knife rolls are the only tapered, intermeshing knife rolls on the market. They deliver unmatched stalk flow, unique straight pull-down engagement and unparalleled stalk conditioning.

Discover the difference an Oxbo cornhead makes.



Hydraulically adjusted beveled stripper plates

A patented Oxbo exclusive: beveled stripper plates remain centered over the knife rolls promoting straight-down stalk flow, gentle ear removal, and less plugging. Combined with Oxbo's unique knife rolls, these stripper plates create a small triangle space between the knife rolls and stripper plates (see photo below). This design feature is key to cutting the ear off the stalk cleanly, resulting in less trash and reduced ear damage. These stripper plates are hard chrome plated for long life and improved wear. They have been integral to Oxbo cornheads since 1982.



Gathering belts or chains

The gathering belts on the Oxbo 50 Series are an industry exclusive and have been utilized on Oxbo cornheads for decades. Made of durable rubber, these deep-lugged belts are the gentlest solution for harvesting even the most fragile and valuable corn varieties. They reduce ear shelling, convey more efficiently and operate quieter. Results include reduced header loss, improved operation and lower maintenance. As an alternative, these cornheads can be equipped with gathering chains.



Oxbo design cuts header losses



Knife rolls

Oxbo knife rolls offer many benefits that enable producers to improve harvesting capabilities. Several design elements offer performance standards that other brands cannot imitate. Made of hardened, chromed steel, their long 24" length, and smaller 3-1/2" diameter slows stalk acceleration into the stripper plates, dramatically reducing ear impact and butt shelling. Six sharpened, intermeshing blades remove ears by cutting the shank (an Oxbo exclusive), not blasting the ears against the stripper plates as with other brands of cornheads.



Sharpened, chrome plated, intermeshing knife roll blades cut and crimp stalks for faster deterioration and improved minimum tillage practices.

Oxbo's exclusive system results in higher corn recovery, less trash and efficient material flow in all conditions.

Rugged gearbox durability

Oxbo gearboxes have been developed over the years to stand up to highly demanding harvest conditions. Featuring a one-piece aluminum housing and strong hardened gearsets, these workhorses deliver unmatched reliability and durability. Hardened steel knife roll shafts with multiple seals and anti-wrapping design results in reduced wear. Each gearbox is protected by radial pin clutches. Constant lubrication to each gearbox is provided via the auto-lubrication system. There is no need to crawl under the cornhead for routine maintenance.





Auger and auger trough

Corn is conveyed to the feederhouse via a massive 16" auger featuring 18" pitch flighting with a thickened outer edge on a 5" diameter heavy-wall tube. The augers have two inches of vertical adjustment, so the cornhead can be set to each operator's clearance preference. Oxbo pioneered the development of deep, concentric auger trough design which utilizes gravity to promptly move the ears away from the gathering elements of the row unit.

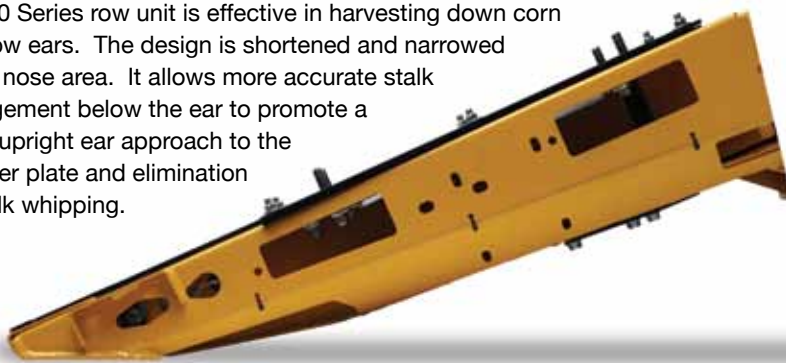


Auto lube system

All 50 Series cornheads come standard with an auto lubrication system to minimize daily maintenance and improve durability and long term reliability. Even with the largest cornheads, there are only two manually serviced lubrication points.

Unique row unit frame

The 50 Series row unit is effective in harvesting down corn and low ears. The design is shortened and narrowed in the nose area. It allows more accurate stalk engagement below the ear to promote a more upright ear approach to the stripper plate and elimination of stalk whipping.



Poly snouts and row dividers

Polyethylene snouts and row dividers provide smooth, efficient stalk gathering, and the pronounced rounded Oxbo design reduces wear, ear bounce, plus weed and trash buildup. The benefit is less crop loss and less maintenance.



Photo above shows the residue management capability of the Oxbo cornhead design. There are no standing stalks and very uniform conditioning.



oxbo[®]
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