

Agricultural machines and trailers

OMBU

>> SELF UNLOADING GRAIN CART
1 axis

You know us

- **Models**
ATA 10 / ATA 12 / ATA 14 T



SYSTEM OF QUALITY MANAGEMENT
ISO 9001 : 2000





< HYDRAULIC SYSTEM

Made of two cylinders: one to raise and fold the unloading pipe and the other to open and close the valve of the horizontal auger that by means of a system of blades allows the correct functioning with the whole load in. The articulation of the unloading pipe is performed through a system of self fixing rods operated by a hydraulic cylinder .



< LOWER UNLOADING LID

In the lower part of the unloading pipe there is a compartment that allows access to the lower auger, either for cleaning purposes or for maintenance or to have another unloading method.



< DRIVING BOX

Made of steel with gear assembly normalised in oil bath; it simultaneously triggers the driving to the vertical and horizontal auger by chains or rollers of 1" gear assembly thermically treated.



< AXIS AND CHASSIS

The solidity of the chassis is one of the most outstanding characteristics of the line of self unloading **OMBU** grain cart. Completely strengthened and made in tubular iron sheets it guarantees an excellent performance even in the hardest conditions. The axis has an adjustable position to achieve a perfect balance while the grain cart is being transported.



< UNLOADING PIPE

Made to work by a hydraulic cylinder with a solid hinge, changeable bed with bearing and registry of position of the auger. The pipe diameter is 400 mm which allows a faster unloading speed.



< REMOVABLE AXIS TIP

Fixed to the rear axis by a resistant gadget that allows a fast removal for maintenance or in case of replacement.



< UNLOADING

Can be done by the upper pipe or by the horizontal auger pipe. In both cases it is done by a telescopic cardan drive of biovule section. Also it is provided with a protective device and a fuse to avoid breakage. For emergency cases it has a lid to allow lateral unloading. It A floating bed guarantees a safe coupling of the upper auger.



< CLEANING SYSTEM (opcional)

Placed on both ways of the unloading pipe, it is also used as changeable jacket thus protecting the outer pipe from the wearing off produced by the flow of the crops.





< OPTIONAL
Cells adapt to balance.



< OPTIONAL
Electronic weighing machine



< HOOKING TRACTOR

Bolted with two positions regulation and autolevelling kneecap heat treated. In this case, with weighing machine cells.



< CANVAS COVERING (optional)

The canvas is opened from the ground.



ATA 10 T



ATA 12 T



ATA 14 T



< REAR BUMPER

Of great size and strengthened. It is movable and detachable to make its use easier.

< ELECTRIC INSTALLATION

Made by parking, indicator and stop lights. It has a floodlight on the upper part of the unloading pipe and 2 reflective triangles.



ATA 10 ton



ATA 12 ton



ATA 14 ton



>> SELF UNLOADING GRAIN CART - 1 axis



> Water tank & tool box (optionals)



Rear Coupling and removable lid of the horizontal auger.



Inner support strings; internal coupling to lift. Regulation guillotine.



Base for an easy re change.



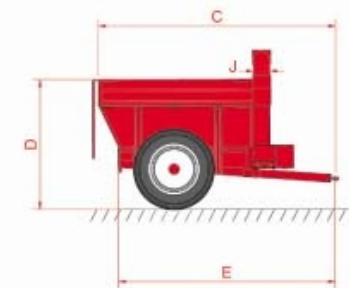
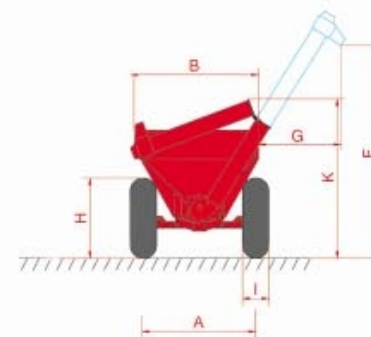
As an optional, a system of fast & uncoupling (Registered Trade Mark **OMBU**) is provided to the base of the horizontal auger. This system prevents water and waste stagnation and makes the cleaning of the grain cart easier when different kinds of grains have been transported. Essential in harvesting for seeding plants. (Seeds basket)

TECHNICAL CHARACTERISTICS

LEVEL	10 T	12 T	14 T	LEVEL	10 T	12 T	14 T
A	2400	2400	2400	I	580*	580*	580*
B	2990	2500	2990	J	400	400	400
C	5170	6200	6200	K	3235*	3235*	3235*
D	2655*	2655*	2655*	MODELS	Unloading*	Tare	Required horse power
E	4660	5695	5695	10	3.00 m	2380	60 HP
F	4400*	4400*	4400*	12	3.50 m	2500	70 HP
G	1750*	1750*	1750*	14	4.00 m	2750	70 HP
H	1700*	1700*	1700*				

* Variable measures: according to tires.

* Approximate time.



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