

Agricultural machines and trailers

OMBU

>> SELF UNLOADING GRAIN CART
Two axes

You know us

• Models

ATA 16.5 T Standard double axis

ATA 16.5 T 4 x 4

ATA 22 T



SYSTEM OF QUALITY MANAGEMENT
ISO 9001 - 2000



100%
Argentine
Industry



Better
Relationship
price/quality



Personalized
Attention



Export
Unity



*1



*2

*1 ATA 16,5 T
DOUBLE AXIS 4 x 4 (1)

*2 ATA 16,5 T
STANDARD DOUBLE AXIS 4 x 2 (2)

SPECIFIED WHEEL

	Front	Rear	
ATA 16.5 Standard	16.9-24	23.1-30*	* We can supply on request tires for wheels 24.5 - 32 6 30.5 L - 32
ATA 16.5 4 x 4	23.1-30	23.1-30*	



/1



/2



/3

≤ FRONT WHEEL ASSEMBLY AND AXIS TIP (1)

Grain Cart 16.5 Standard 4 x 2

≤ STEERING BAR (2)

Grain Cart 16.5 4 x 4 y Hopper 22 Ton.

≤ FRONT WHEEL ASSEMBLY AND AXIS TIP (3)

Grain Cart 16.5 4 x 4 y Hopper 22 Ton.



/1



/2



/3

≤ WATER TANK (1)

≤ TOOL BOX (2)

≤ BASE OF THE HORIZONTAL AUGER (3)

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)



≤ 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. It is also provided with a protective device and a fuse to avoid breakage. For emergency cases it has a lid to allow lateral unloading. Its floating bed guarantees a safe coupling of the upper auger.



≤ BASE OF THE AUGER

Horizontal, completely bolted to allow an easy replacement.



≤ 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.



≤ REMOVABLE AXIS TIP

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



•| DRIVING BOX

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



•| CLAMPING PLATE

Pivots the rear gear assembly.



•| INNER SUPPORT STRINGS

Internal coupling to lift. Regulation guillotine.



< 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.



< 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.



< CLEANING SYSTEM (Optional)

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.



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.

• 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.

TECHNICAL CHARACTERISTICS

	A	B	C	D	E	F	G
ATA 16.5 Standard	2995	2400	3010	4540	3470	1570	1330
ATA 16.5 4 x 4	2995	2800	3200	4730	3660	1570	-
Ala 22	2995	2800	3200	4730	3660	1570	-
	H	I	J	K	L	M	N
ATA 16.5 Standard	1707	430	587	7140	3155	5135	400
ATA 16.5 4 x 4	1707	-	587	7140	3155	5135	400
Ala 22	1707	-	587	8375	4035	6495	400

* Levels and references at G e I belong to the 16.5 T Standard model.

TECHNICAL CHARACTERISTICS

	Tiempo de descarga	Tara
ATA 16.5 Standard	3 ¹⁰ min	3880
ATA 16.5 4 x 4	3 ¹⁰ min	4120
Ala 22	3 ¹⁰ min	4800



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You know us

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• **ELECTRONIC WEIGHING MACHINE**



• **FRONT AND REAR CELLS** (Optional)



• **VIEWER**
of the state of the Grain Cart.



• **REAR SECTION**
Bed lid of the removable horizontal auger.



• **ARTICULATED LANCE**
Equipped with 2 compensating springs and levelling pivot bolt.



• **CANVAS COVERING** (Optional)
The canvas is opened from the ground.

SELF UNLOADING TWO AXES

