

Ukrainian manufacturer of agricultural machinery propose grain reloading trailers (Chaser beans)

Summary

Profile type	Company's country	POD reference
Business request	Ukraine	BRUA20230906010
Profile status	Type of partnership	Targeted countries
PUBLISHED	Supplier agreement Commercial agreement	• World
Contact Person	Term of validity	Last update
<u>Rita ELSTE - TOMSONE</u>	11 Sep 2023 10 Sep 2024	11 Sep 2023

General Information

Short summary

Reloading trailer (CHASER BIN) special constructed for transportation of grain from the combine and reloading it into other machines or containers. Also this machine can provide fast loading of seeders and loading BigBags.
CHASER BIN - VOLUME FROM 9 TO 50 M3, CARRYING CAPACITY – FROM 7 TO 40 TONS.

Full description

CHASER BIN - PRINCIPLE OF OPERATION:

Horizontal feed auger transports grain to vertical unloading auger that reloads it. Auger spirals are made of special steel produced by Italy. The spirals are perfectly centered before installing, so that the grain is not exposed to damage. The augers are powered by the tractor PTO at 540/1000 rpm.

It (CHASER BIN) is used for:

- Transportation of grain from the combine and reloading it into the machine;
- Loading of seeding machines;
- Loading of BigBag.

Advantages:

- Increasing of the combine threshing by 30%
- combine does not stop and unloads grain while moving;

- Working on the wet field;
- Reducing of seeding machine idle time under loading (the productivity of seeding machines increases up to 30% per shift);
- Weighing of grain on the field with the check issue or sending GPS data to a operator computer.

THE HYDRAULIC SLIDE GATE

The slide gate is in each bunker. It opens hydraulically by a hydraulic cylinder. It prevents the peak load of the horizontal auger (augers run first, and then the slide gate opens). The hydraulic slide gate allows to adjust grain or fertilizer feed while loading seeding machines.

LOADING OF SEEDING MACHINES

The auger elongator ShRP-5. Length 5 m, diameter 250 mm, capacity 2 t / min. It is installed on the first auger step. It is powered by tractor hydraulics. It is used to load wide seeding machines.

WEIGHING SYSTEM

Weighing System Dinamica Generale (Italy) consists of load cells, computer and printer. It allows you to weigh grain and fertilizers quickly on the field with check issue or sending data with the tractor GPS system.

Model DG 400 connects to all load cell models

Advantages and innovations

Main advantages:

1. Increasing of the combine threshing by more than 30% - harvester does not stop and unloads grain while moving.
2. Working on the wet field (Big tires with low pressure can easily goes through light swamps and mud).
3. Reducing of seeding machine idle time under loading (the productivity of seeding machines increases up to 30% per shift).
4. Weighing of grain on the field with the check issue or sending GPS data to an operator computer.

Technical specification or expertise sought

The company continues to focus on implementing new technology to develop manufacturing capacity.

Stage of development

Already on the market

IPR Status

Sustainable Development goals

- **Goal 8: Decent Work and Economic Growth**
- **Goal 1: No Poverty**

Partner Sought

Expected role of the partner

The company is looking for responsible buyers, agricultural holdings and distributors of agricultural machinery to conclude commercial agreements.

Type of partnership

Supplier agreement

Commercial agreement

Type and size of the partner

• **SME <=10**

• **Big company**

• **SME 50 - 249**

Dissemination

Technology keywords

Market keywords

• **09005 - Agriculture, Forestry, Fishing, Animal Husbandry & Related Products**

• **09001005 - Motor vehicles, transportation equipment and parts**

• **08003007 - Other industrial equipment and machinery**

Targeted countries

• **World**

Sector groups involved

• **Agri-Food**

Media

Images



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