

# CHASER BIN





PBN-9

PBN-16

PBN-20

PBN-20-2

PBN-30

PBN-40

PBN-50

PBN-50 ON TRACKS

## CHASER BIN

VOLUME:

**9-50 M<sup>3</sup>**

PRINCIPLE OF OPERATION:

Horizontal feed auger transporting grain to vertical unloading auger that reloads it. Auger spirals are made of special steel produced. 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.

CAPACITY:

**7-40 T**

IT IS USED FOR:

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

ADVANTAGES:

**+30%**

increasing of the combine threshing – combine does not stop and unloads grain while moving



weighing of grain on the field with the check issue or sending GPS data to a operator computer

**-30%**

reducing of seeding machine idle time under loading



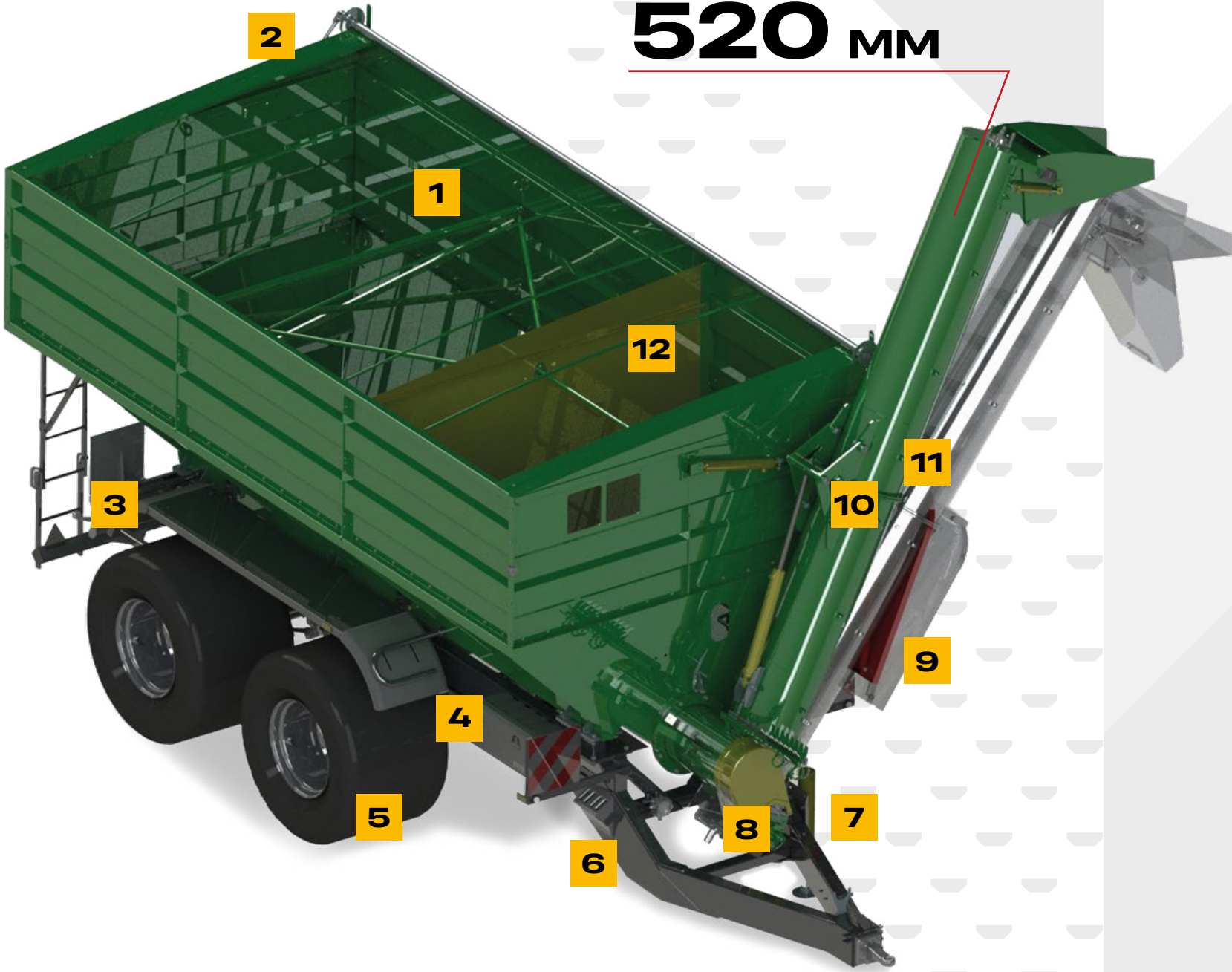
working on the wet field

# CHASER BIN ON WHEELS

- \* MADE OF DURABLE STEEL
  - \* COMPLIES WITH EU TECHNICAL STANDARDS
  - \* DESIGNED FOR ALL FIELD TASKS
  - \* CAN BE CUSTOMISED UPON REQUEST
- \* CONVENIENT DESIGN AND MECHANISM
  - \* THE TRAILER CAN BE PAINTED IN ANY COLOUR
  - \* WIDE RANGE OF MODELS FOR DIFFERENT VOLUMES

DIAMETER

**520** MM



THE SIDES OF THE BODY ARE PULLED TOGETHER BY POWERFUL PROFILE SPACERS



SIGNAL LAMP



ROAD LIGHTING OF THE TRAILER ACCORDING TO EU STANDARDS



TOOLBOX



MAXIMUM WHEEL SIZE 850/40R26.5 -

MINIMUM GROUND PRESSURE 1,5 KG/CM<sup>2</sup>



WHEEL CHOCKS



HYDRAULIC DRAWBAR SUPPORT



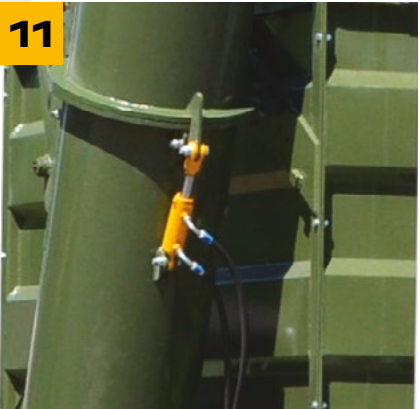
CHAIN DRIVE



PROTECTIVE COVER OF THE AUGER AGAINST PRECIPITATION



CONNECTION MECHANISM



HYDRAULIC LOCK OF TWO AUGER PARTS



DEVIDING OF THE BUNKER INTO TWO PARTS

# CHASER BIN ON TRACKS

- \* COMPLIES WITH EU TECHNICAL STANDARDS
- \* HIGH-QUALITY COMPONENTS
- \* REDUCED GROUND PRESSURE
- \* HYDRAULICALLY ADJUSTABLE DRAWBAR
- \* MODERNISED TENT SYSTEM

DIAMETER  
**625 mm**



REAR VIEW CAMERA



REAR VIEW CAMERA MONITOR



HYDRAULIC SUPPORT



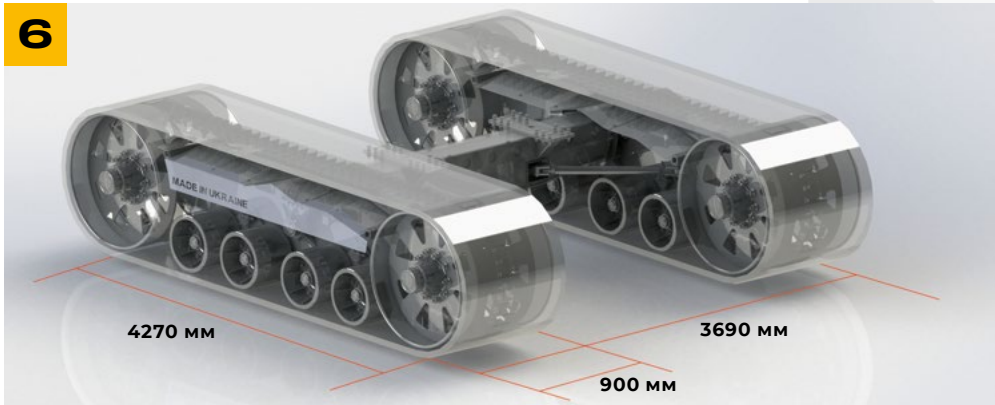
SEPARATE DRIVE WITH ALTERNATE INCLUSION OF AUGERS



CENTRAL LUBRICATION SYSTEM



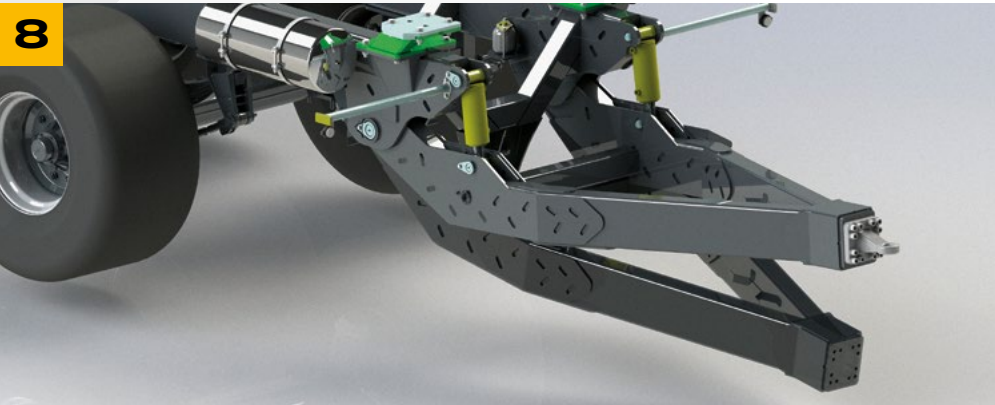
PROGRAMMABLE COMPUTER WITH PRECISE BEARING LUBRICATION INTERVAL



TRACKS. THE MINIMUM PRESSURE ON THE SOIL IS LESS THAN 1 KG/CM<sup>2</sup>



LED LAMP



HYDRAULICALLY ADJUSTABLE DRAWBAR



WEIGHT SENSOR

# 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 / GPRS system.



### STANDARD WEIGHING SYSTEM DINAMICA GENERALE, COMPUTER DG-400

- thermal printer, load cells (with temperature compensation) and mounting;
- operating temperature -30°C - +65°C;
- total maximum permissible error +/- 0.2%;
- possible measurement step 1-2-5-10 kg.



### GPRS WEIGHING SYSTEM DINAMICA GENERALE, FIELDSCALE COMPUTER

- thermal printer, load cells (with temperature compensation) with mounting, 3G modem (for SIM card), flash memory card with USB connector;
- operating temperature -30°C to +65°C;
- total maximum permissible error +/- 0.2%;
- possible measurement increments 1-2-5-10 kg;
- data transfer via modem from SIM card to Dinamica Generale personal account;
- maintenance of your personal account on dinamica Generale is not included in the price. It is paid additionally.



### GPS WEIGHING SYSTEM DINAMICA GENERALE, FIELDSCALE COMPUTER

- thermal printer, load cells (with temperature compensation) with mounting, special cable for connection to the GPS monitoring system;
- operating temperature -30°C to +65°C;
- total maximum permissible error +/- 0.2%;
- possible measurement increments 1-2-5-10 kg;
- data transfer via GPS monitoring system tracker to the user's computer.



### DINAMICA GENERALE WEIGHING SYSTEM WITH TABLET APPLICATION

- tablet with Field Scale app. Kali module with 4G modem inside. Sensor unit for connecting strain gauges. Thermal printer. Strain gauges (with temperature compensation) with mounting;
- display of weighing system operation in the tablet app. Ability to configure all parameters (field, crop type, combine harvester, machine, etc.) while the system is running;
- view reports on hopper performance in your personal account on Field Trace from Dinamica Generale;
- maintenance of your personal account on Dinamica Generale is not included in the price. It is paid separately.



LOAD CELLS



COMPUTER WITH PRINTER

# LOADING OF SEEDING MACHINES SHRP-5

PRODUCTIVITY:

**2 T/MIN**

DIAMETER:

**250 MM**

HEIGHT:

**3.9-5 M**

WORKING PRINCIPLE:

It is installed on the first auger step. It is powered by tractor hydraulics.

USING:

to load wide seeding machines.

DIMENSIONS:

length -5 m  
width 4.2-4.5 m.



LOADING OF SEEDING MACHINES THROUGH PVC HOSE



AUGER EXTENSION IN WORKING CONDITION

# 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.



A SLIDE GATE THAT OPENS HYDRAULICALLY. IT FEEDS GRAIN INTO AN AUGER.



INDICATOR OF SLIDE GATE OPENING



HYDRAULIC VALVE TO BLOCK OPENING OF THE SLIDING GATE AT FIXED PTO



# LOADING VARIOUS EQUIPMENT

The height of the unloading screw can reach 5 metres. This allows various vehicles to be loaded, even hopper wagons.



EXTENDED AUGER H-5.5 M FOR LOADING WAGONS



LOADING OF PLANTERS AND SPREADERS OF MINERAL FERTILIZERS

# CLEANING SYSTEM



THREE CLEANING FLAPS OF HORIZONTAL AUGER



SCREW MECHANISM OF OPENING OF HORIZONTAL AUGER CLEANING FLAP



ONE HATCH FOR CLEANING OF VERTICAL AUGER



A HYDRAULICALLY STEERING FIRST AND LAST AXLES (PBN-40 AND PBN-50).



ADAPTER FOR HEIGHT ADJUSTMENT TO HITCH TO ANY TRACTOR



THE HYDRAULICALLY-OPERATED CLEANING

# PAINTING IN CUSTOMER'S COLOR



# AWNING SYSTEM



TARPAULIN SLIDING MECHANISM

# UNIVERSAL CHASSIS



# TACTICAL AND TECHNICAL CHARACTERISTICS

BASIC EQUIPMENT:

- air brake system (single-circuit, dual-circuit), hydraulic, individual approach;
  - axles (ADR Italy), BPW (Germany);
  - disks (Poland);
  - reduction gear (Bondioli & Pavesi, Italy);
  - cardan shaft (Bondioli & Pavesi, Italy);
- spiral auger (Italy);
  - removable towing eye Ø 40, 50 mm (Scharmuller, Austria) – individual approach;
  - hydraulic drawbar support.

ADDITIONAL EQUIPMENT:

- weighing system with printer, GPS, GPRS, Tablet with GPRS (Dinamica Generale Italy);
- awning system;
- PVC hose Ø 300 mm, 400 mm, length 1,2m for seeders;
- hydraulic adjustable peak of auger/ incline of auger;
- sleeve-elongator SHRP-5 Ø 250mm, leght 5 m for seeders;
- establish of variable body: mineral fertilizer, barrels, dumping body on the chassis of bunker;
- steering axle.

|                                                 | PBN-9                      | PBN-16                   | PBN-20         | PBN-20-2                   | PBN-30<br>Euro             | PBN-30                     | PBN-36                     | PBN-40                     | PBN-50                     | PBN-50<br>on tracks |
|-------------------------------------------------|----------------------------|--------------------------|----------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---------------------|
| VOLUME, M3                                      | 9                          | 16                       | 20             | 20                         | 28                         | 30                         | 36                         | 40                         | 50                         | 50                  |
| TECHNICALLY PERMISSIBLE<br>TOTAL MASS, KG       | 9 830                      | 16 000                   | 19 035         | 20 500                     | 28 200                     | 29 700                     | 40 000                     | 42 250                     | 50 570                     | 54 500              |
| EMPTY WEIGHT, KG                                | 2 630                      | 4 750                    | 4 885          | 5 800                      | 6 900                      | 7 200                      | 9 250                      | 9 700                      | 12 570                     | 16 500              |
| LOAD CAPACITY, KG                               | 7 200                      | 11 250                   | 14 150         | 14 700                     | 21 300                     | 22 500                     | 30 750                     | 32 550                     | 38 000                     | 38 000              |
| TRAILER:<br>- LENGTH, MM                        | 5 140                      | 7 070                    | 7 540          | 7 585                      | 8 600                      | 8 500                      | 10 520                     | 10 450                     | 11 450                     | 11 450              |
| - WIDTH, MM                                     | 2 450<br>2 650             | 2 480<br>2 530           | 2 480<br>2 950 | 2 480<br>2 700             | 2 500<br>2 900             | 2 980<br>3 000             | 2 500<br>3 000             | 3 000                      | 3 000                      | 3 765               |
| - HEIGHT, MM                                    | 3 220                      | 3 450                    | 3 800          | 3 800                      | 3 900                      | 3 900                      | 3 900                      | 3 900                      | 4 000                      | 4 110               |
| AXLES, PCS.                                     | 1                          | 2                        | 1              | 2                          | 2                          | 2                          | 3                          | 3                          | 4                          | -                   |
| TIRES                                           | 550/60-22,5<br>650/55R26,5 | 425/70-18<br>500/60R22,5 | 650/65-30,5    | 550/60-22,5<br>650/55R26,5 | 560/60R22,5<br>850/40R26,5 | 560/60R22,5<br>850/40R26,5 | 560/60R22,5<br>850/40R26,5 | 560/60R22,5<br>850/40R26,5 | 560/60R22,5<br>650/50R22,5 | tracks              |
| AUGER DIAMETER, MM                              | 300                        | 420                      | 420/520        | 420/520                    | 520                        | 520                        | 520                        | 520                        | 520 / 625                  | 625                 |
| PRODUCTIVITY, T/MIN:<br>- 540 RPM<br>- 1000 RPM | 1.8<br>-                   | 3<br>6                   | 3/6<br>12      | 3/6<br>12                  | 6<br>12                    | 6<br>12                    | 6<br>12                    | 6<br>12                    | 6/12<br>12/25              | 12<br>25            |
| RECOMMENDED TRACTOR<br>POWER (HP)               | 80                         | 120                      | 120-150        | 120-150                    | 180-220                    | 180-220                    | 220-300                    | 220-300                    | 300-350                    | 350-400             |



 **URUGUAY**

 **OMAN**

 **SOUTH AFRICA**

 **ARAB EMIRATES**

 **AUSTRALIA**

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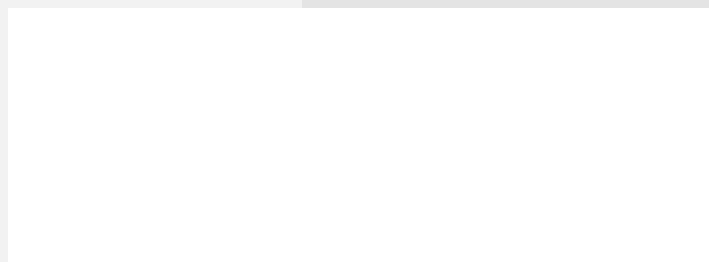
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