

CHASER BIN



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VOLUME FROM 9 TO 50 M³, CARRYING CAPACITY – FROM 7 TO 40 TONS.



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.

It 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 sides of the body are pulled together by powerful profile spacers



Signal lamp



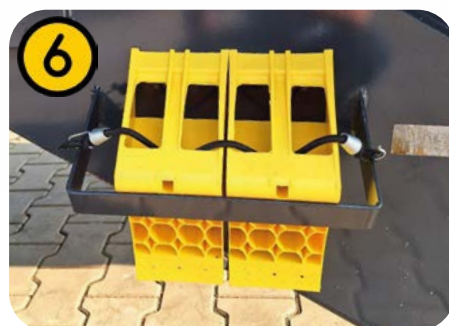
Road lighting of the trailer according to EU standards



Toolbox



Maximum wheel size 850/40R26.5 -
Minimum ground pressure 1.5 kg/cm²



Wheel chocks



Hydraulic drawbar support

Deviding of the bunker into two parts



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



Hydraulic lock of two
auger parts



Connection mechanism



Chain drive



Protective cover of the auger against
precipitation



Rear view camera



Rear view camera monitor



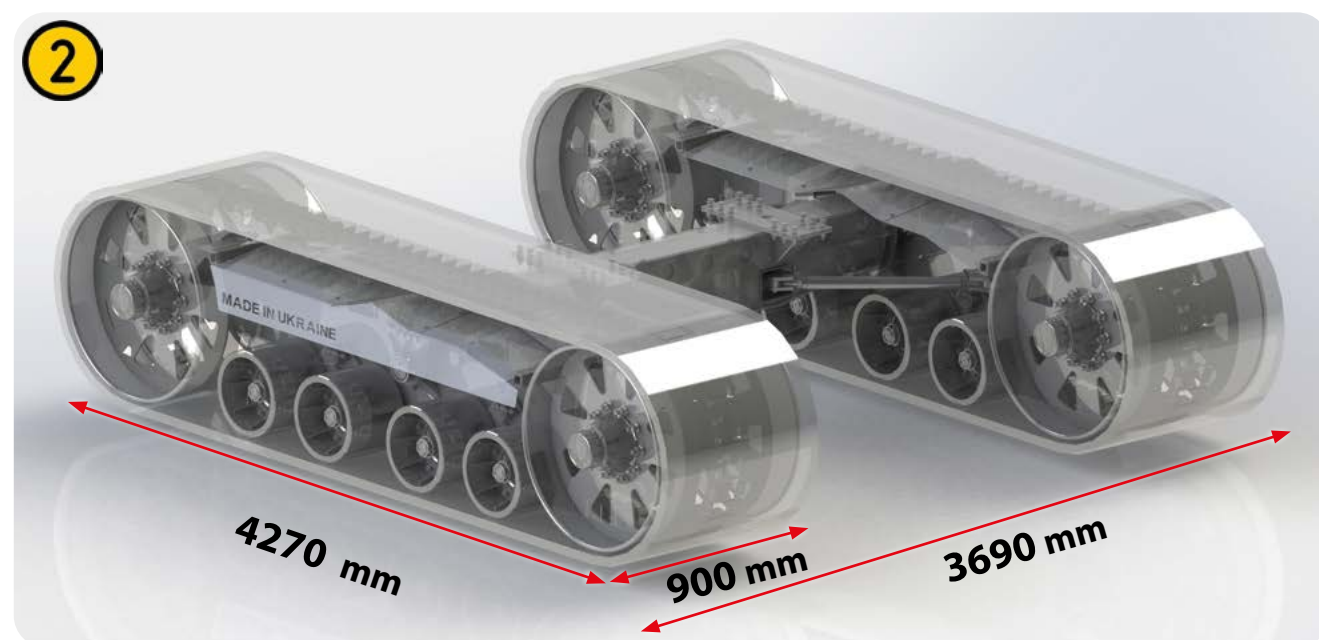
LED lamp



Separate drive with alternate inclusion of augers. The drive of the vertical auger is directly through the gearbox, of the horizontal auger - through the belt transmission



Hydraulically adjustable drawbar



Tracks. The minimum pressure on the soil is less than 1 kg/cm²



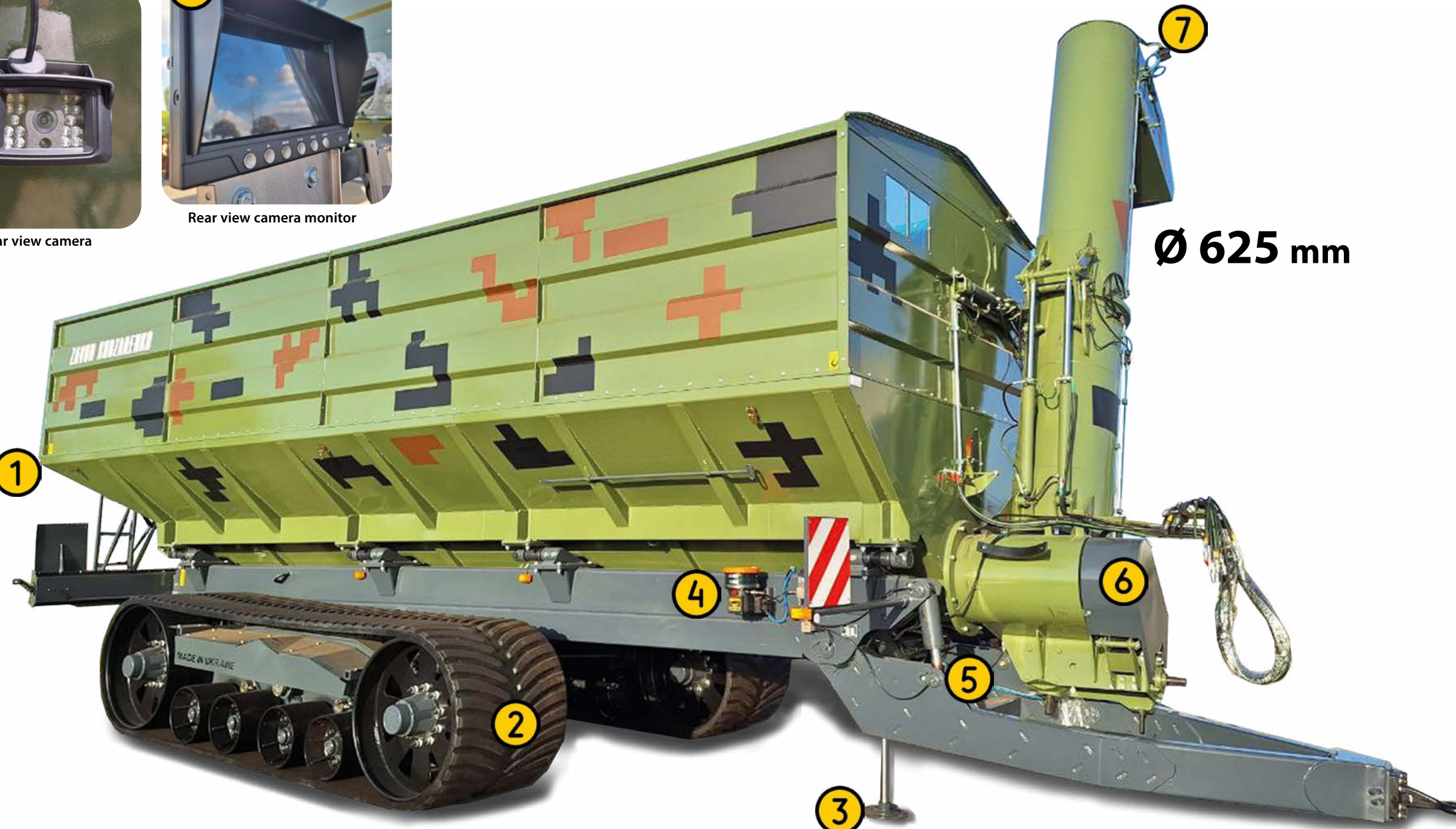
Hydraulic support



Programmable computer with precise bearing lubrication interval



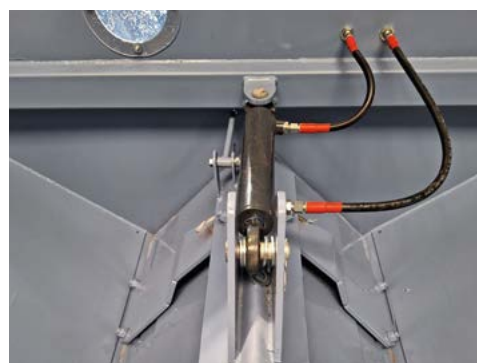
Central lubrication system



Ø 625 mm



THE HYDRAULIC SLIDE GATE



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

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.



Awning system (plane)

Awning system (roller)

LOADING VARIOUS EQUIPMENT



Extended auger h-5.5 m for loading wagons



Loading of planters and spreaders of mineral fertilizers

CLEANING SYSTEM OF AUGER CONVEYER



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



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.



Load cells



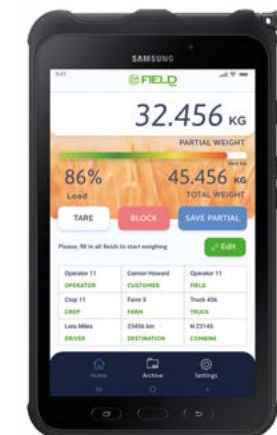
Computer with printer



Standard weighing system Dinamica Generale, computer DG-400, thermal printer, strain gauges (temperature compensated) with fastening, operating temperature -30°C - +65°C, total maximum permissible error +/- 0.2%, possible measurement step 1-2-5-10 kg.



GPS weighing system Dinamica Generale, FieldScale computer, thermal printer, strain gauges (temperature compensated) with fastening, special cable for connecting to the GPS monitoring system. Operating temperature -30°C +65°C, total maximum permissible error +/- 0.2%, possible measurement step 1-2-5-10 kg. Transferring data through the tracker of the GPS monitoring system to the user's computer.



GPRS weighing system Dinamica Generale, FieldScale computer, thermal printer, strain gauges (temperature compensated) with mount, 3G modem (for SIM card), flash memory card with USB connector. Operating temperature -30°C +65°C, total maximum permissible error +/- 0.2%, possible measurement step 1-2-5-10 kg. Transferring data via a modem from a SIM card to your Dinamica Generale personal account. The maintenance of your personal account on the Dinamica Generale website is not included in the price. Additional charge.

Dinamica Generale weighing system with tablet application. Tablet with Field Scale App. Kali module with 4G modem inside. Sensorlogic block for connecting strain gauges. Thermal printer. Strain gauges (temperature compensated) with fastening. Displaying the operation of the weighing system in the application on the tablet. The ability to set all parameters (field, crop type, combine, machine, etc.) while the system is running. View bunker performance reports in your Field Trace personal account from Dinamica Generale. The maintenance of your personal account on the Dinamica Generale website is not included in the price. Additional charge.

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.



Loading of seeding machines through PVC hose



Loading of grain bunker



Packaging of grain in Silo Bag

UNIVERSAL CHASSIS



	PBN-9	PBN-16	PBN-20	PBN-20-2	PBN-30 Euro	PBN-30	PBN-36	PBN-40	PBN-50	PBN-50 on tracks
Volume, m³	9	16	20	20	28	30	36	40	50	50
Technically permissible 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
Trailer: 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 / 2 650	2 480 / 2 530	2 480 / 2 950	2 480 / 2 700	2 500 / 2 900	2 980 / 3 000	2 500 / 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
Axes, pcs.	1	2	1	2	2	2	3	3	4	-
Standart tires	550/60-22,5	425/70-18	650/65-	550/60-22,5	560/60R22,5	560/60R22,5	560/60R22,5	560/60R22,5	560/60R22,5	tracks
Maximum tires	650/55R26,5	500/60R22,5	30,5	650/55R26,5	850/40R26,5	850/40R26,5	850/40R26,5	850/40R26,5	650/50R22,5	
Auger diameter, mm	300	420	420/520	420/520	520	520	520	520	520 / 625	625
Productivity, t/min:										
- 540 rpm	1.8	3	3/6	3/6	6	6	6	6	6/12	12
- 1000 rpm	-	6	12	12	12	12	12	12	12/25	25
Recommended tractor power (hp)	80	120	120-150	120-150	180-220	180-220	220-300	220-300	300-350	350-400

PAINTING IN CUSTOMER'S COLOR



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