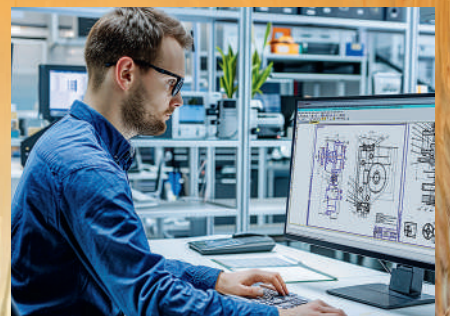
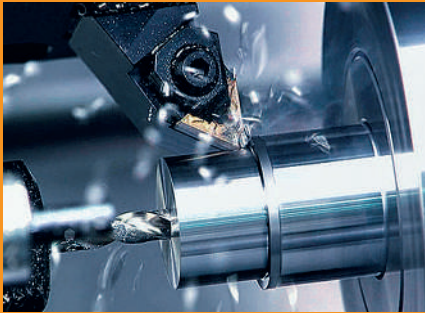
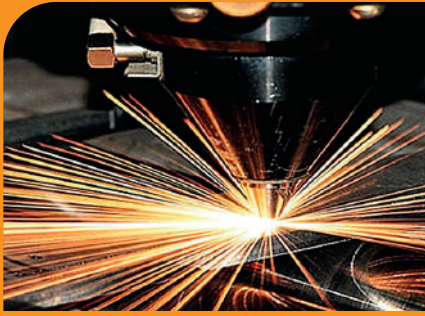




CHASER BINS



K-FACTOR is a Ukrainian company specializing in the development of innovative designs and production of high-quality agricultural bins.

OUR INNOVATIONS

Our inventions strive not only to introduce modern technologies, but also to create solutions that simplify farmers' work while increasing the efficiency and reliability of their operations.

For us, innovation is competitiveness, efficiency, and the ability to develop solutions that make agriculture more profitable, comfortable, and safe for consumers.

OUR PRODUCTS

Our products are designed with sophisticated engineering solutions that ensure crop safety and preservation while also speeding up transportation and loading procedures.

OUR STANDARDS

Our products comply with the highest international standards (ISO 9001, ISO 14001, etc.) and are built to operate in the most demanding environments.

ADVANTAGES OF K-FACTOR

K-FACTOR products help to optimize harvesting and logistics, minimize transportation costs, and give operational flexibility, making agricultural harvesting and storage considerably more efficient and convenient.

K-FACTOR is contributing significantly to Ukraine's development into an agro-industrial country.



Innovative
approach



Reliability
and durability



High quality
products

RELOADING HOPPER BOOSTER-31

Modern single-axle hopper for storage and unloading with hydraulically variable track width.

Technical characteristics

Useful hopper volume, m ³	31
Load capacity, kg	22,500
Hopper weight, kg	8,150
Gross weight, kg	30,650
Tractor's required power, hp	200
Maximum speed, km/h	
empty	30
repetitive	10
Number of screws	1
Screw diameter, mm	520
Screw capacity (unloading rate), t/min	11.5
Number of axles	1
Unloading height, mm	4,300
Brake system	drum-type, pneumatic
Tires	800/65 R32
Transport width, mm	2,990
Width with maximum extended axle, mm	3,490
Dimensions in transport position (length x width x height), mm	8,250 x 2,990 x 3,995

Hopper
volume



31 m³

Unloading
rate



11,5 t/min

Load
weight



22,5 t



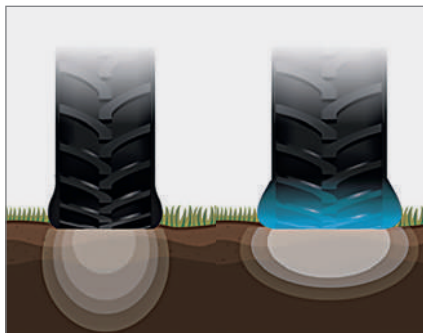
TECHNICAL ADVANTAGES



BOOSTER has no suspension

This is the most dependable approach because there is no suspension and nothing to break.

The absence of suspension, along with the changeable track and large tires, ensures the BOOSTER's greatest stability over any obstacles — the hopper simply does not sway when traveling.



Large tires

The wide-profile low-pressure tires (800/65 R32) have a large contact area, which reduces soil compaction.

This protects the topsoil from harm and keeps it fertile.

The huge wheel diameter helps the BOOSTER to feel confident in damp areas, even when fully loaded. The hopper does not fall through or damage the soil.



Reliable design

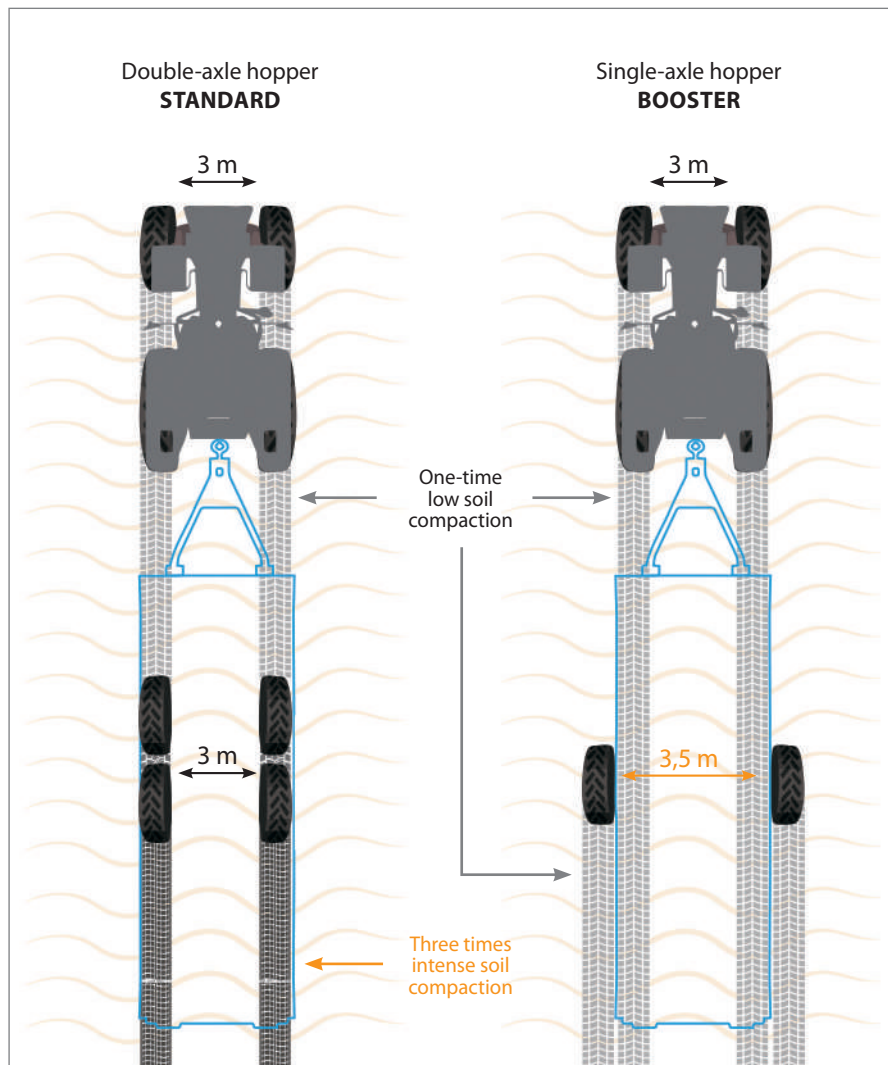
The BOOSTER is built of S355 steel, and the surface is very resistant to wear thanks to powder coating.

The absence of additional gears, belts, or chains decreases the chance of breakdowns, simplifies maintenance, and improves the machine's overall reliability.

The BOOSTER hoppers' single-axle design, large tires, and hydraulic track change provide excellent mobility while reducing fuel consumption and increasing field efficiency.



MOVEMENT EFFICIENCY



Flexible change of track width

The telescopic axle adjusts the track width from 3 m to 3.5 m, allowing you to specify the track width needed for a specific operation.

This guarantees that the hopper travels on a separate track width than the tractor, reducing soil compaction.

The proper track width setting lowers soil pressure, increases hopper stability, and allows it to be operated on public roads.

The **BOOSTER** does not roll over in uneven fields and has excellent passability even in uneven and wet soils.

UNLOADING EFFICIENCY

Single-screw system

It ensures that crops suffer minimum harm during the reloading procedure. This makes the BOOSTER suitable for handling delicate crops and seeds.

The BOOSTER can also be used to reload seeders.

Screw head control

The BOOSTER screw head may move both vertically and horizontally. This considerably improves the speed and consistency of filling grain trucks when compared to traditional hoppers.

One unloading point

Because of the scientifically determined design, the hopper has only one unloading point, resulting in greater reliability and efficiency.

This is the best solution that ensures minimal residual load (no more than 5 kg) and greatly simplifies cleaning.

High performance

The hydraulically folded 520 mm diameter screw provides an unloading rate of up to 11.5 tons per minute.

EFFICIENCY OF USE

Smart weighing system

The built-in weighing system displays harvested crop and yield data for each field area while also preventing unauthorized grain diversion.

Modular design

The BOOSTER is designed in a modular fashion, which makes it very quick to repair and assemble/disassemble, for example, for long-distance transportation.

Improved visibility and safety

The BOOSTER is equipped with cameras that provide maximum visibility for an operator.

Fire module

If necessary, the BOOSTER may be quickly and easily outfitted with a fire module, which is handled by a single person (the driver) and allows you to swiftly locate the fire.



RELOADING HOPPER

POWERBANK-30

The POWERBANK line of reloading storage hoppers allows you to optimize the harvesting procedure.

Technical characteristics

Useful hopper volume, m ³	30
Load capacity, kg	24,000
Hopper weight, kg	6,150
Gross weight, kg	30,180
Tractor's required power, hp	180–220
Maximum speed, km/h	40
Number of screws.	2
Screw diameter, mm	410
Screw capacity (unloading rate), m ³ /min	8
Number of axles	2
Unloading height, mm.	4,600
Support load on the traction loop, kg	2,000
Traction loop height (adjustable), mm.	450–550
Pneumatic brake system, single-circuit	
Suspension	tandem-type
Tires	
• basic	.550/60 R22.5"
• option	.650/50 R22.5 or 650/50 R26.5"
Tire pressure	.2.8
Gearbox and drive shaft	Bondioli&Pavesi (Italy)
Quick unloading hatches (bottom)	2
Weighing system with printer	optional
Tenting system.	optionally
Transport width, mm.	2,650
Dimensions in transport position (length x width x height), mm.	9,100 x 2,650 x 3,490



Hopper
volume



30 m³

Screw
performance



8 m³/min

Load
weight



24 t



During harvesting, the POWERBANK hopper receives grain from combines (e.g., immediately in the field), transports it to vehicles, and swiftly packs seeders with seeds and fertilizers.



TECHNICAL ADVANTAGES



Convenient and quick work without harming the grain

The height of the hopper's top loading point ensures easy operation in accordance with all rules for the location of unloading screws on all types of combines.



Convenient maintenance

The body of the POWERBANK-30 has a big hatch mechanism for easy cleaning. This allows you to swiftly clean the hopper of any remaining goods or perform urgent unloading in an emergency.

Oversized hatches are handy for working with moist load (such as seeds).



Gentle of the soil

The suspension of the hopper distributes the product's weight evenly throughout the surface. When the hopper is fully loaded, soil pressure is limited to 1.4 kg/cm².

The wide profile tires improve cross-country performance while requiring minimum soil pressure.



Smooth, gentle movement

The POWERBANK-30 comes with a spring unit to ensure smooth, gentle movement.



EFFICIENCY OF USE

- Improved combine performance through continuous operation and simultaneous unloading of grain
- Improved performance of seeders during loading
- The load cell system, equipped with a computer and printer, allows for precise control over load weight and hopper location. This allows the operator to control the load at all times.
- Field grain weighing and hydraulic screw extension system
- Hydraulic screw folding mechanism
- Gearbox and drive shaft Bondioli&Pavesi (Italy)
- Reliable chassis with an extended maintenance-free cycle
- Pneumatic single-circuit braking system
- Wheels with a wide range of tires



