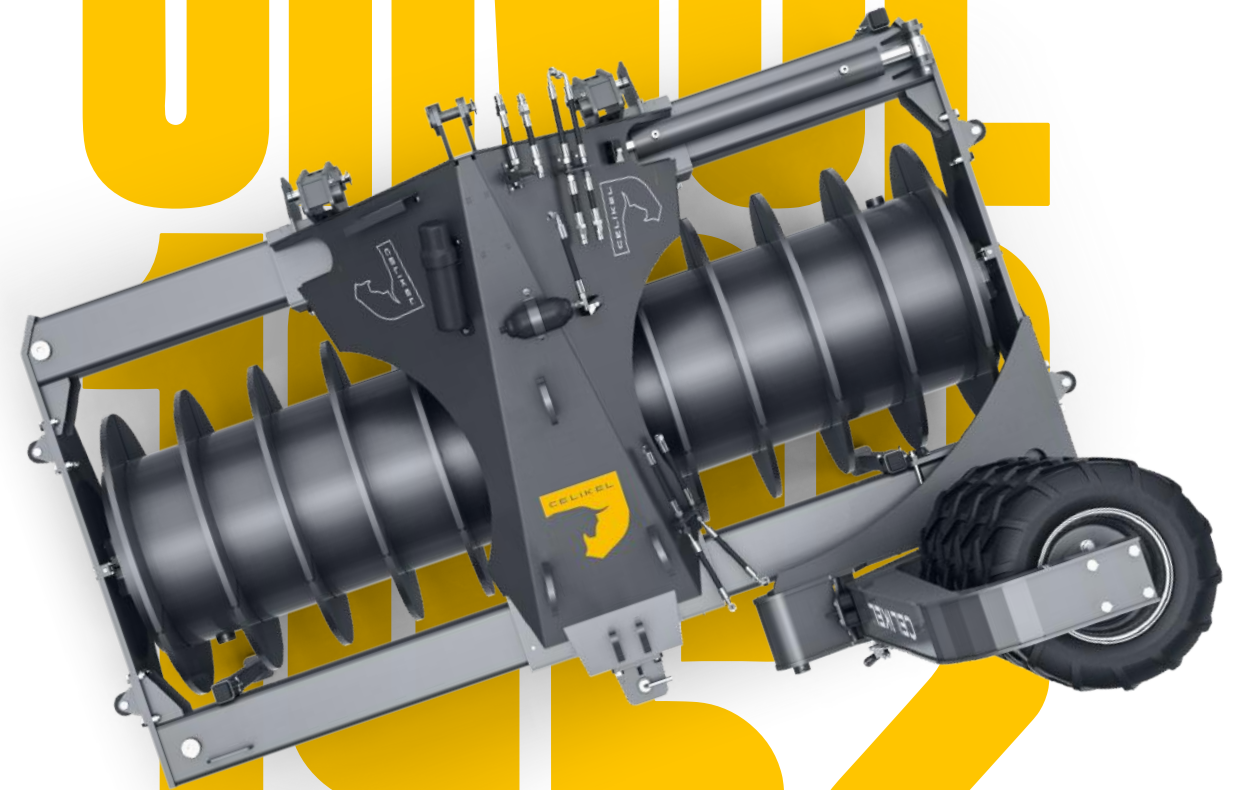


# BLACK OUT

UNLEASHING THE POWER  
OF EFFICIENT SILAGE  
COMPRESSION

We offer the best solutions to meet the needs of our customers. We are well-known in Turkey and many other countries because of our innovative approach to work. We encourage our clients to set the most audacious goals. Having realized the potential needs, we apply our cutting-edge technologies and methods to design the next generation machines FOR PROFESSIONALS.



**DISCOVER THE CELIKEL BLACK OUT SILAGE COMPACTOR, A CUTTING-EDGE SOLUTION THAT SETS A NEW BENCHMARK FOR SILAGE COMPACTION. WITH ITS INNOVATIVE DESIGN AND UNPARALLELED PERFORMANCE, THE BLACK OUT IS THE ULTIMATE CHOICE FOR FARMERS AND INDUSTRY PROFESSIONALS SEEKING SUPERIOR RESULTS.**



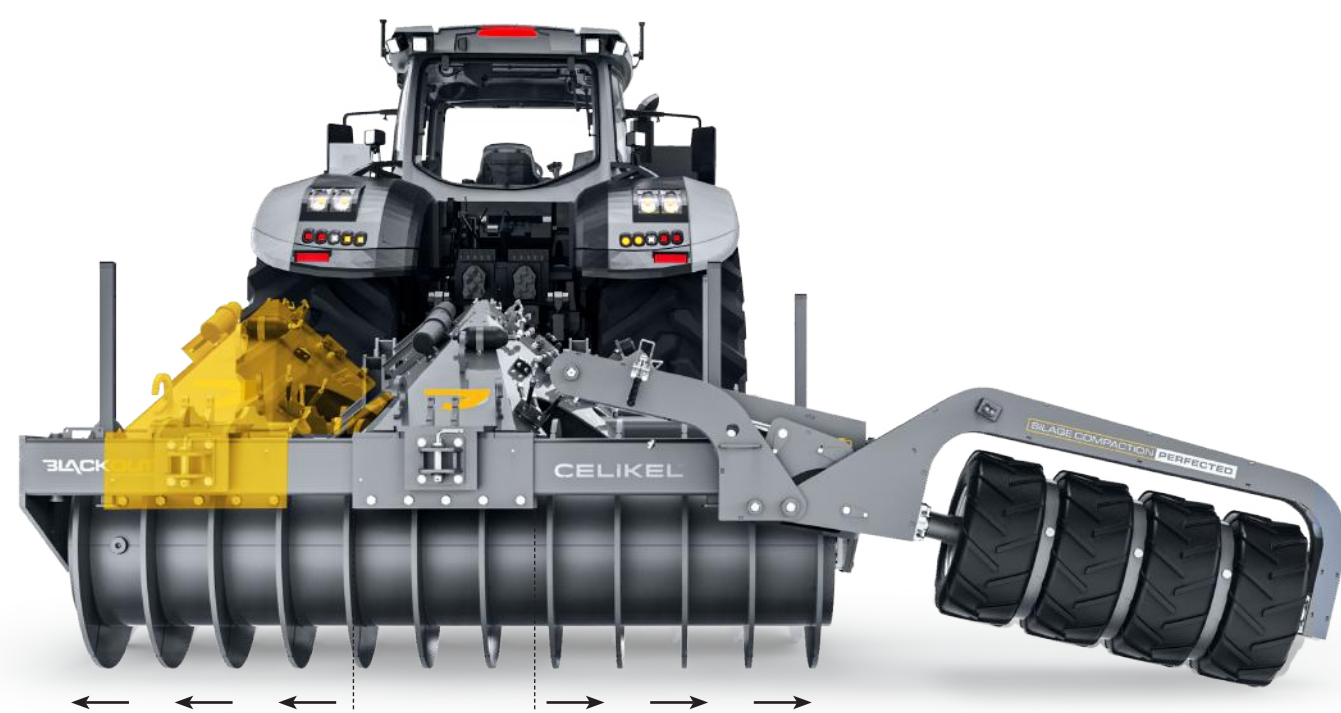
CELIKEL introduces the new model series of silage compactors, designed for the latest innovation in silage farming. The technology has been further enhanced to achieve maximum compression in the silo, while ensuring adaptability to farms of all sizes and compatibility with a wide range of tractors.

Experience the revolution in silage compaction with the CELIKEL BLACK OUT. Elevate your productivity, optimize your silage quality, and reap the benefits of this advanced technology. Choose CELIKEL for unparalleled excellence in silage compaction.

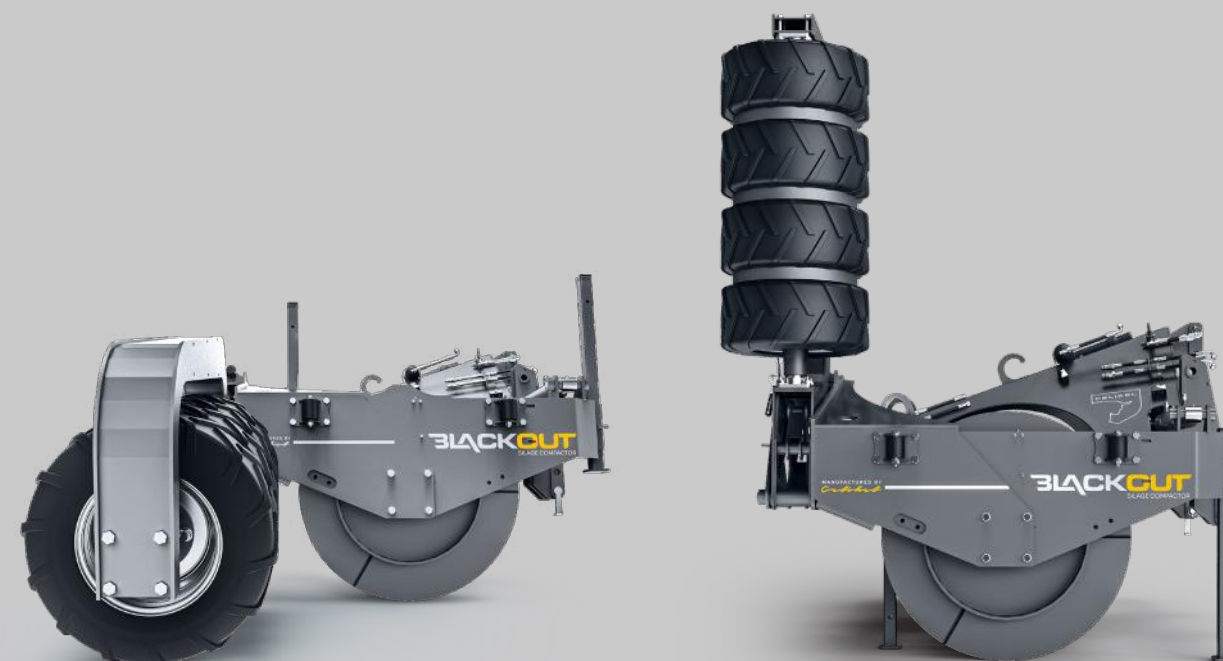


## UNPARALLELED COMPACTION FOR OPTIMAL FEED PRESERVATION

Durability and quality are of utmost importance when it comes to feed harvesting. CELIKEL promises reliable technology that will stand the test of time. An important advantage of the new model range is the practical tool for easy replacement or adjustment of sliding bearing elements. This ensures the smooth operation of the sliding roller over the long term, with minimal stress on the frame itself. Additionally, the powder coating and wide bearing points contribute to preserving the value of the silage compactor.



ADJUSTABLE SLIDE BEARING ELEMENTS



### THE ENHANCED FLEXIBILITY OF THE NEW BLACK OUT

In addition to the revamped design, the BLACK OUT now offers several useful additional options that further enhance its flexibility. One such option is the ability to directly mount extra concrete or magnetite weights onto the headstock. This increases the overall weight of the roller by up to 490 kg, depending on the version, and can be conveniently combined with the ballast weights on the frame. This provides adaptable solutions for tractors of any size. Moreover, the headstock itself can be filled with water, allowing for a significantly higher operating weight of the silage roller. As an alternative, CELIKEL also offers the option of magnetite filling for the headstock, further expanding the range of choices available.



**BY INVESTING IN THE  
CELIKEL BLACK OUT  
SILAGE COMPACTOR,  
YOU CAN MAXIMIZE  
YOUR OPERATIONAL  
EFFICIENCY AND  
MINIMIZE COSTS.**

Engineered with precision, the CELIKEL BLACK OUT ensures optimal compression, enabling efficient removal of air and preservation of nutrients in silage. Its advanced control system allows for precise adjustment of compaction parameters, ensuring uniform density throughout the entire bale.

The robust construction of the BLACK OUT guarantees durability and longevity, even in the most demanding agricultural environments. Equipped with specially designed rollers, it promotes seamless material flow, minimizing blockages and downtime.

The improved compaction process reduces spoilage and enhances the preservation of essential nutrients, resulting in higher-quality silage and improved animal feed performance.



**IN ACCORDANCE  
WITH THE SEASON,  
CELIKEL INTRODUCES  
A NEW MODEL SERIES  
OF SILAGE ROLLERS  
CALLED BLACK OUT.**





# THE BUNKER SILO ENSURES THE BEST FEED **QUALITY**



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## STREAMLINING DISTRIBUTION AND COMPACTION IN A SINGLE STEP.

Significant reductions in waiting times within the harvest chain can be achieved by combining appropriate distribution and compaction technologies. The highest level of efficiency is attained when utilizing a rear-mounted silo roller in conjunction with a front-mounted silo distributor. This configuration allows for both the distribution and rolling processes to be performed using a single vehicle.

By employing this integrated approach, the need for separate vehicles or equipment for distribution and compaction is eliminated. This not only reduces operational complexity but also enhances overall efficiency. The combination of a rear-mounted silo roller and front-mounted silo distributor enables simultaneous distribution and compaction, minimizing time-consuming transitions between tasks and optimizing the workflow.

By integrating distribution and compaction into a single step, the entire process becomes more streamlined and productive, leading to improved efficiency and time savings in the harvest chain.



When it comes to compacting free-standing silo heaps without walls, achieving firm and even edges while ensuring the safety of the roller tractor can be a challenge. CELIKEL offers the perfect solution with the optional accessory. The side edge compactor. This handy tool provides invaluable assistance in this task, ensuring stable silo edges without the risk of tipping over the tractor.

#### FLEXIBLE MOUNTING OPTIONS

The CELIKEL side edge compactor can be mounted on either the left or right side of the tractor, depending on your specific requirements. All model it is even possible to mount the compactor on both sides simultaneously. This versatility allows for tailored use and efficient edge compaction regardless of the silo configuration.



#### DUAL-ACTING CONTROL UNIT

To operate the silage edge compactor effectively, a dual-acting control unit is required on each side of the tractor. This control system enables precise and independent control of the compactor's movements, ensuring optimal compaction of the silo edges.



# ENHANCE SILO STABILITY WITH THE SILAGE EDGE COMPACTOR



# THE IMPORTANCE OF HIGH IMPACT **POWER**

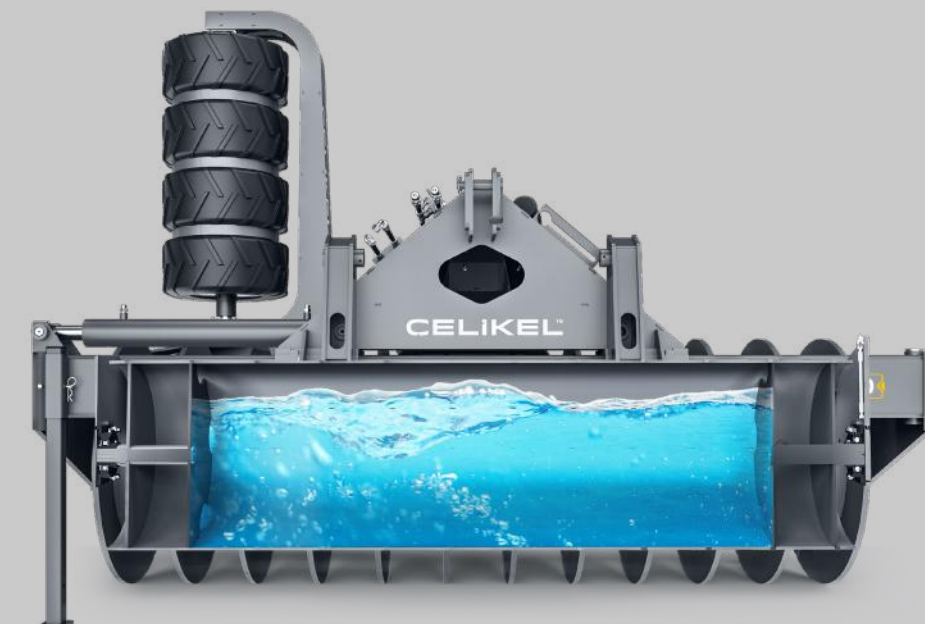
## EFFICIENCY IN THE SILO RELIES ON A WELL-COORDINATED SILAGE MAKING CHAIN, WHICH INCLUDES THE PROPER DISTRIBUTION AND COMPACTION OF THE DELIVERED FEED

The key challenge lies in achieving quick and uniform distribution and compaction of the feed quantities. To tackle this challenge, high impact power is crucial. It ensures that the feed is distributed efficiently and evenly, allowing for a stable silage fermentation process. The ability to deliver a significant impact power enables the feed to be spread rapidly and uniformly, optimizing the compaction process in the silo.



The BLACK OUT silage roller stands out not only for its well-thought-out design but also for its individually adjustable overall weight. Both the roller body and the frame can be easily filled with water using filling screws. Two baffles inside the roller body prevent unwanted splashing during operation.

To further increase the total weight, the robust headstock can be filled with water, sand, or gravel. This flexibility allows the weight of the silage roller to be optimized for a wide range of tractor sizes, ensuring optimal performance. As an additional option, CELIKEL offers the choice of magnetite filling for the headstock, which can be provided separately upon request.





## ENSURING UNIFORM FEED LAYERS IN THE TRENCH SILO

The BLACK OUT silage roller is designed to provide a consistent and deep compaction effect across the entire working width. This compression extends deeply into the layers of feed, laying the foundation for optimal lactic acid fermentation in both grass and maize silage. By achieving such thorough compaction, the BLACK OUT contributes to high-quality feed throughout the entire bunker silo.



When it comes to the harvest chain, equal attention should be given to all steps in feed production. Regardless of the careful adjustment of the mower, tedder, and rake, neglecting consistent loading for a clean fermentation process in the bunker silo can render those efforts ineffective.

In addition to factors such as the appropriate wilting of the feed material and other considerations during feed harvest, the distribution and rolling technology must also meet the requirements of the bunker silo. The compaction process, especially after even

distribution in the silo, plays a crucial role. The better the individual layers are compacted, the fewer air pockets can form, reducing the risk of improper fermentation or mold growth. Efficient rolling technology creates optimal conditions for lactic acid fermentation and significantly enhances the palatability of the basic feed. Furthermore, intensive compaction promotes stability during fermentation, particularly with maize silage.

CELIKEL'S BLACK OUT silage roller ensures maximum compaction and efficiency within the silo.



## MAXIMIZE YOUR SILAGE POTENTIAL WITH BLACK OUT

During the ensiling process, it is important to ensure that each layer of feed is not higher than approximately 30 cm. This is because compaction efficiency tends to decrease as the layer height increases, regardless of the quality of the technique used. To maintain optimal compaction, it is also recommended to use a silage distributor to evenly distribute the unloaded feed throughout the entire bunker silo. This helps to prevent the formation of air pockets and promotes a homogeneous distribution of the feed for optimal fermentation.

Eliminating machine breakdowns during harvest is crucial as delays can negatively impact feed quality. The BLACK OUT silage roller is engineered to withstand extreme loads, guaranteeing long-lasting performance with its powder-coated frame and roller body.

| BLACK OUT                  |                     |
|----------------------------|---------------------|
| Overall width approx. (mm) | 3,000               |
| Working width approx. (mm) | 2.810               |
| Hydraulically moveable     | 700 mm to the right |
| Weight approx. (kg)        | 2.240               |
| Weight filled (kg)         | 3,170               |



**ELEVATE YOUR SILAGE GAME  
WITH BLACK OUT**

**BLACKOUT**  
KOMPRESJA KISZONKI



**BLACKOUT**  
KOMPRESJA KISZONKI

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BLACKOUT