CELIKEL™



Unyielding Power. Undeniable Charger

Craftsmanship meets cutting-edge technology

Charger

VERTICAL FEED MIXER

the choice of PROFESSIONALS

The perfect harmony of design, engineering and style.

Çelikel® has been manufacturing CHARGER® Series in different capacities, ranging from 0,75 m^3 to 52 m^3 to meet the demands of all the businesses working in livestock industry. CHARGER® Series with vertical auger system comes forth with their chassis design and reservoir capacity. There is not a single thing impossible with more than 250 options and model with CHARGER®! Or were you expecting less of the leader?



Reinforced Chassis

The chassis, made from S355 steel material and reinforced by connecting to the braces at appropriate points, is designed on a strong axle. The chassis with superior load capacity is resistant to bending and torsion.

The base plate is manufactured from 20 mm thick S355 steel material to be longer-lasting, more durable, and rigid. Extra durability is provided in the base plate by using a metal grid system.

Loading Bucket

Large capacity loading buckets designed for high capacity Charger® series is developed exclusively for your convenience in reaching and loading without getting exhausted. In every move of Charger®'s loading bucket towards the reservoir you will see flawless material flow into it.



The augers are specially designed in such a way that they allow you to get the most homogeneous mixture in the shortest time possible. The size of chopping feed is regulated by fixed knives. On request, these knives can be made hydraulically controlled.



Powerful Transmission

At Celikel we are convinced that the only way to reach perfection is through the harmony of the unique parts. That is why Çelikel® prefers to use Brevini transmission systems for our machines.

Fixed Blades

Cutting sizes of the feeds are being done by the fixed knives. Optionally these fixed knives can be manufactured hydraulically controlled.





Digital Weighing System

You will be able to get the desired ration you wish with ease thanks to the sensitive weighing system and thus you may be able to reduce the storage spendings to minimum.

The Charger® Feed Mixing Machine performs all types of feeding activities without the need for any pre-cutting process. The Charger® auger system facilitates the mixing of fibrous and all feed components. As a result, a quality and homogeneous feed emerges. A homogeneous mixture is the best product that can be used to meet the psychological requirements and feed needs of animals. Charger® promises to enhance animal welfare for you.



Two Shift Transmission

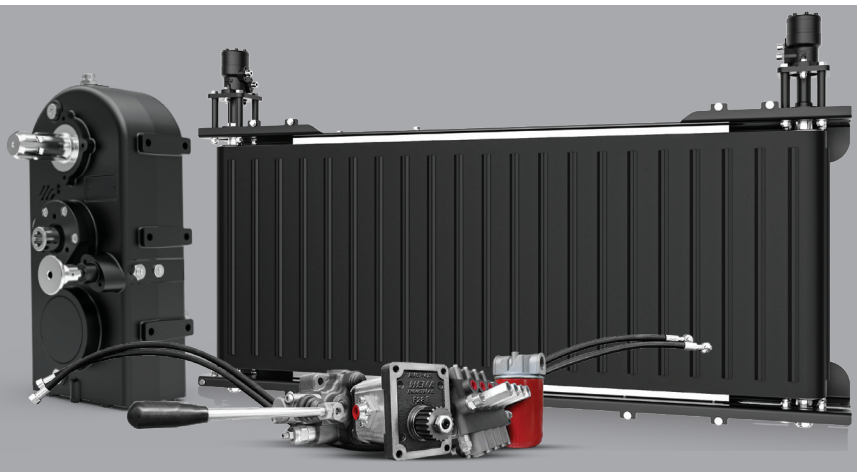
Thanks to the geared transmission system, by selecting the appropriate gear based on the machine's fill rate, you will not only avoid straining your tractor but also save on fuel. Most importantly, you will save time.

Independent Hydraulic

Independent hydraulic system makes it possible to use the machine's hydraulic components without the requirement of tractor's oil pressure. This detail will save you fuel and time.

Conveyor

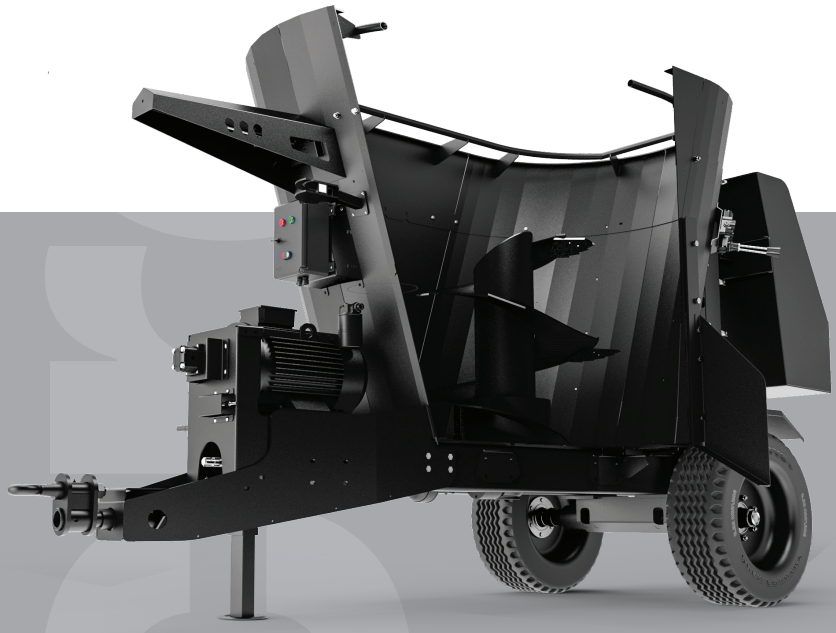
Thanks to its flexible design Charger® V offers you alternative discharge options. One of the discharge options the machine has will be the solution for you depending on your farm's structure and discharging conditions.



In animal feeding, the most important issue is the homogeneous mixing of the materials inside the feed mixing machine. In this way, the amount and components of the feed served to the animals are distributed uniformly from the beginning to the end.

Charger Micro Series

0.75-2-3-4-5-6 m³



The Charger® series, with its base and sidewall sheet thickness, not only lasts longer but also is the most economical solution partner for preparing homogeneous rations thanks to its unique auger design.

Blackbox

One of the things we needed to provide CHARGER with was to adapt BLACKBOX to vertical mixers, so we did it. Now with BLACKBOX® reducing the fuel can save up to 75% costs.



Charger Micro Series can be the solution of every business with different capacity options. Micro Series is an expert at mixing coarse and concentrate feed. It offers mixing homogeneous and high quality rations thanks to its capacity based auger systems.





Wide Base Tires

Çelikel® uses innovative tires that provide high resistance to the most challenging road conditions. Due to the high load capacity, strength and resistance to soil compaction, our machines demonstrate flawless performance even in the most difficult conditions.



Discharge Cover

Thanks to its symmetrical design and the fact that discharge covers and conveyors can be mounted on both sides, feed discharging process can be done in one go on both sides.





Charger Tesla Series

20-24-25-30-36-42-52-m³

Introducing the new member of the Charger family, Tesla.

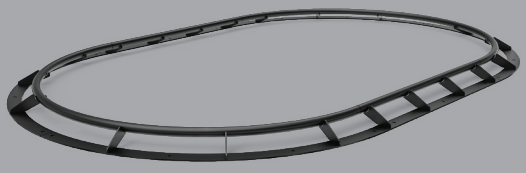
If you want to prepare a large amount of ration with low energy consumption, you're in the right place. Charger V Tesla® is generous in production but frugal in electricity consumption, serving high-volume feeding programs in a short time.

With its special weighing system and planning options down to how much of which raw material is used, it's the most economical way for large-scale businesses to prepare substantial rations. Charger V Tesla®, with volume options ranging from 16 m³ to 52 m³, is the new choice of professionals!



Overflow Prevention Frame

Overflowing material during feed mixing process can cause financial issues and may prevent the ration from being homogeneous. In Çelikel® machinery overflood prevention frame is given to the user by default.



Invertor

In many of the feed mixers if there are cases like power outage or compaction, to be able to start the machine again all the feed inside the machine should be discharged before the restart. Thanks to the invertor system used by Çelikel® such cases can be resolved quite easily.









Z Conveyor

Designed to conveniently transfer prepared rations to trucks or trailers, the Z conveyor will serve you for years to come, thanks to its low energy consumption and high-strength carrier chains.

Fixed Blades

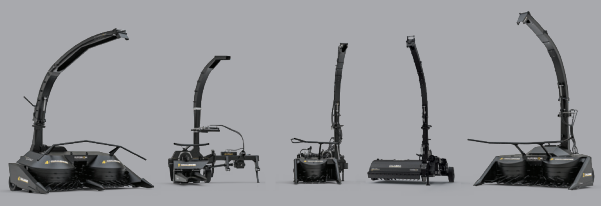
With Charger®'s fixed knives you may adjust the sizes of feeds. Optionally these fixed knives can be hydraulically controlled.

Machine Capacity	0.75 m^3 (Stationary)	2.7 m^3 V1 (Tow Type)	2.7 m^3 V2 (Stationary)	3 m^3	3 + 1 m^3	5 m^3	5 + 1 m^3
Length (mm)	1500 mm	3900 mm	1980 mm	4525 mm	4425 mm	4810 mm	4810 mm
Height (mm)	1490 mm	1750 mm	1650 mm	2000 mm	2350 mm	2240 mm	2490 mm
Width (mm)	1570 mm	1700 mm	1450 mm	1850 mm	1850 mm	2100 mm	2100 mm
Power Requirements	220 V – 3 kW / 4 HP	35 HP	380 V – 7.5 kW / 10 HP	30 kW – 40 HP	30 kW – 40 HP	40 kW – 50–55 HP	40 kW – 50–55 HP
Tractor Mount Type	3 Points Linkage System	Tow Type	3 Points Linkage System + Stationary Type	Tow Type	Tow Type	Tow Type	Tow Type
Power Source	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO
PTO Speed	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm
Electric Engine	Standard	Optional	Standard	Optional	Optional	Optional	Optional
Maximum Loaded Weight	225 kg	810 kg	810 kg	900 kg	1200 kg	1500 kg	1800 kg
Discharge Cover	Manual	Hydraulic	Manual	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Loading Bucket System	–	Standard	–	Standard	Standard	Standard	Standard
Independent Hydraulic	–	Optional	–	Optional	Optional	Optional	Optional
Conveyor Band	–	–	–	Optional	Optional	Optional	Optional
Auger Knife Number	4 Pcs	5 Pcs	5 Pcs	6 Pcs	6 Pcs	7 Pcs	7 Pcs
Fixed Knife Number	–	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs
Weighing System	–	–	–	Optional	Optional	Optional	Optional
Weighing System Load Cell Number	–	–	–	3 Pcs	3 Pcs	3 Pcs	3 Pcs
Side Sheet Thickness	4 mm	4 mm	4 mm	4 mm	4 mm	6 mm	6 mm
Base Plate Thickness	6 mm	10 mm	10 mm	12 mm	12 mm	15 mm	15 mm
Auger Sheet Thickness	6 mm	8 mm	8 mm	8 mm	8 mm	12 mm	12 mm
Wheel Sizes	4 × Ø150 Caster Wheels	2 × 205-65-R15	–	2 × 10.0/75-15.3	2 × 10.0/75-15.3	2 × 10.0/75-15.3	2 × 10.0/75-15.3
Empty Weight	360 kg	880 kg	570 kg	1450 kg	1550 kg	2020 kg	2140 kg
Bagging Kit	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Discharge Cover Extension Plate Magnet	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Axle System with Brakes	–	–	–	–	–	–	–
Double Speed (Shift) Reductor	–	–	–	–	–	–	–
Right Side Discharge Cover	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Left Side Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Front Discharge Cover	–	–	–	–	–	–	–
Back Discharge Cover	–	–	–	–	–	–	–
Right and Left Side Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Right Cross Discharge Cover	–	–	–	–	–	–	–
Right Front Cross and Left Front Cross Discharge Cover	–	–	–	–	–	–	–
Warning Light	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Marker Lamps	–	–	–	–	–	–	–
Ladder	-	–	–	–	–	–	–

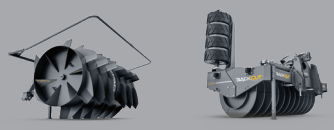
Machine Capacity	8 m^3	10 m^3	12 m^3	14 m^3	16 m^3	18 m^3	20 m^3	22 m^3	24 m^3	25 m^3
Length (mm)	5380 mm	5380 mm	5380 mm	5380 mm	7500 mm	7500 mm	7500 mm	7500 mm	7500 mm	7500 mm
Width (mm)	2280 mm	2280 mm	2280 mm	2280 mm	2280 mm	2280 mm	2280 mm	2280 mm	2280 mm	2280 mm
Height (mm)	2430 mm	2730 mm	3100 mm	3300 mm	2720 mm	2905 mm	3065 mm	3220 mm	3345 mm	3585 mm
Power Requirements	45 kW – 60 HP	55 kW – 70 HP	60 kW – 80 HP	60 kW – 80 HP	90 kW – 120 HP	93 kW – 125 HP	97 kW – 130 HP	100 kW – 135 HP	105 kW – 140 HP	108 kW – 145 HP
Tractor Mount Type	Tow Type	Tow Type	Tow Type	Tow Type	Tow Type	Tow Type	Tow Type	Tow Type	Tow Type	Tow Type
Power Source	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO	Electricity + PTO
PTO Speed	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm
Electric Engine	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Maximum Loaded Weight	2400 kg	3000 kg	3600 kg	4200 kg	4800 kg	5400 kg	6000 kg	6600 kg	7200 kg	7500 kg
Discharge Cover	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Loading Bucket System	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Independent Hydraulic	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Conveyor Band	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Auger Knife Number	6 Pcs	7 Pcs	8 Pcs	8 Pcs	2 × 6 Pcs	2 × 6 Pcs	2 × 7 Pcs	2 × 7 Pcs	2 × 8 Pcs	2 × 8 Pcs
Fixed Knife Number	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs
Weighing System	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Weighing System Load Cell Number	3 Pcs	3 Pcs	3 Pcs	3 Pcs	3 Pcs	3 Pcs	3 Pcs	3 Pcs	3 Pcs	3 Pcs
Side Sheet Thickness	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm
Base Plate Thickness	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm
Auger Sheet Thickness	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm
Wheel Sizes	12.5/80-15.3 400/60 R22.5	12.5/80-15.3 400/60 R22.5	12.5/80-15.3 400/60 R22.5	12.5/80-15.3 400/60 R22.5	435/50/R19.5	435/50/R19.5	435/50/R19.5	435/50/R19.5	435/50/R19.5	435/50/R19.5
Empty Weight	3430 kg	3760 kg	3895 kg	3950 kg	5950 kg	6060 kg	6260 kg	6350 kg	6405kg	6490 kg
Bagging Kit	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Discharge Cover Extension Plate Magnet	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Axle System with Brakes	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Double Speed (Shift) Reductor	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Right Side Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Left Side Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Front Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Back Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Right and Left Side Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Right Cross Discharge Cover	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Right Front Cross and Left Front Cross Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Warning Light	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Marker Lamps	Optional	Optional	Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard
Ladder	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

Machine Capacity	16 m^3	18 m^3	20 m^3	22 m^3	25 m^3	30 m^3	42 m^3	52 m^3
Length (mm)	5800 mm	5800 mm	5800 mm	5800 mm	5800 mm	6320 mm	8820 mm	8820 mm
Width (mm)	2225 mm	2225 mm	2225 mm	2225 mm	2225 mm	2500 mm	2500 mm	2500 mm
Height (mm)	2660 mm	2860 mm	3020 mm	3220 mm	3540 mm	3390 mm	3290 mm	3740 mm
Power Requirements	2 × 30 kW – 40 HP	2 × 30 kW – 40 HP	2 × 37 kW – 50 HP	2 × 37 kW – 50 HP	2 × 45 kW – 60 HP	2 × 45 kW – 60 HP	3 × 45 kW – 60 HP	3 × 55 kW – 70 HP
Tractor Mount Type	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary	Stationary
Power Source	Electricity	Electricity	Electricity	Electricity	Electricity	Electricity	Electricity	Electricity
Auger Speed	Adjustable	–	–	–	–	–	–	–
Electric Engine	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Maximum Loaded Weight	4800 kg	5400 kg	6000 kg	6600 kg	7500 kg	9000 kg	12600 kg	15600 kg
Discharge Cover	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Loading Bucket System	–	–	–	–	–	–	–	–
Independent Hydraulic	Standard	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Conveyor Band	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Auger Knife Number	2 × 6 Pcs	2 × 6 Pcs	2 × 7 Pcs	2 × 7 Pcs	2 × 8 Pcs	2 × 8 Pcs	3 × 8 Pcs	3 × 8 Pcs
Fixed Knife Number	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs	2 Pcs
Weighing System	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Weighing System Load Cell Number	4 Pcs	4 Pcs	4 Pcs	4 Pcs	4 Pcs	4 Pcs	6 Pcs	6 Pcs
Side Sheet Thickness	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm
Base Plate Thickness	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm	20 mm
Auger Sheet Thickness	16 mm	16 mm	16 mm	16 mm	16 mm	16 mm	16 mm	16 mm
Empty Weight	4430 kg	4485 kg	4825 kg	5000 kg	5225 kg	7100 kg	10100 kg	12000 kg
Bagging Kit	–	–	–	–	–	–	–	–
Discharge Cover Extension Plate Magnet	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Right Side Discharge Cover	–	–	–	–	–	–	–	–
Left Side Discharge Cover	–	–	–	–	–	–	–	–
Front Discharge Cover	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Back Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Right and Left Side Discharge Cover	–	–	–	–	–	–	–	–
Right Cross Discharge Cover	–	–	–	–	–	–	–	–
Right Front Cross and Left Front Cross Discharge Cover	–	–	–	–	–	–	–	–
Ladder	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Hydraulic Fixed Blades	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

You can review Çelikel's other product groups and details on our website.



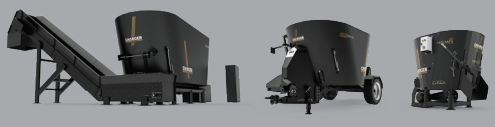
Silage Machines



Silage Spreader & Compactor



Packaging Machines



Vertical Feed Mixers



Horizontal Feed Mixers



Large Square Balers



Manure Management Machines



Silage Baler & Packaging Machine
Cotton Baler & Packaging Machine



Feed Production System

Experience, Dedication, and a Global Vision. Join Us!

We share values of quality, trust, and growth with our partners.

Are you interested? Let's talk!
Partnership today. Leadership tomorrow.

NEXT LEVEL
Partner with us today!

CELIKEL

Büyükkayacık O.S.B. Mah. Vali İhsan Dede Cad.
No:2 42250 Selçuklu, Konya, Turkey
+90 850 305 42 66 | www.celikel.eu

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