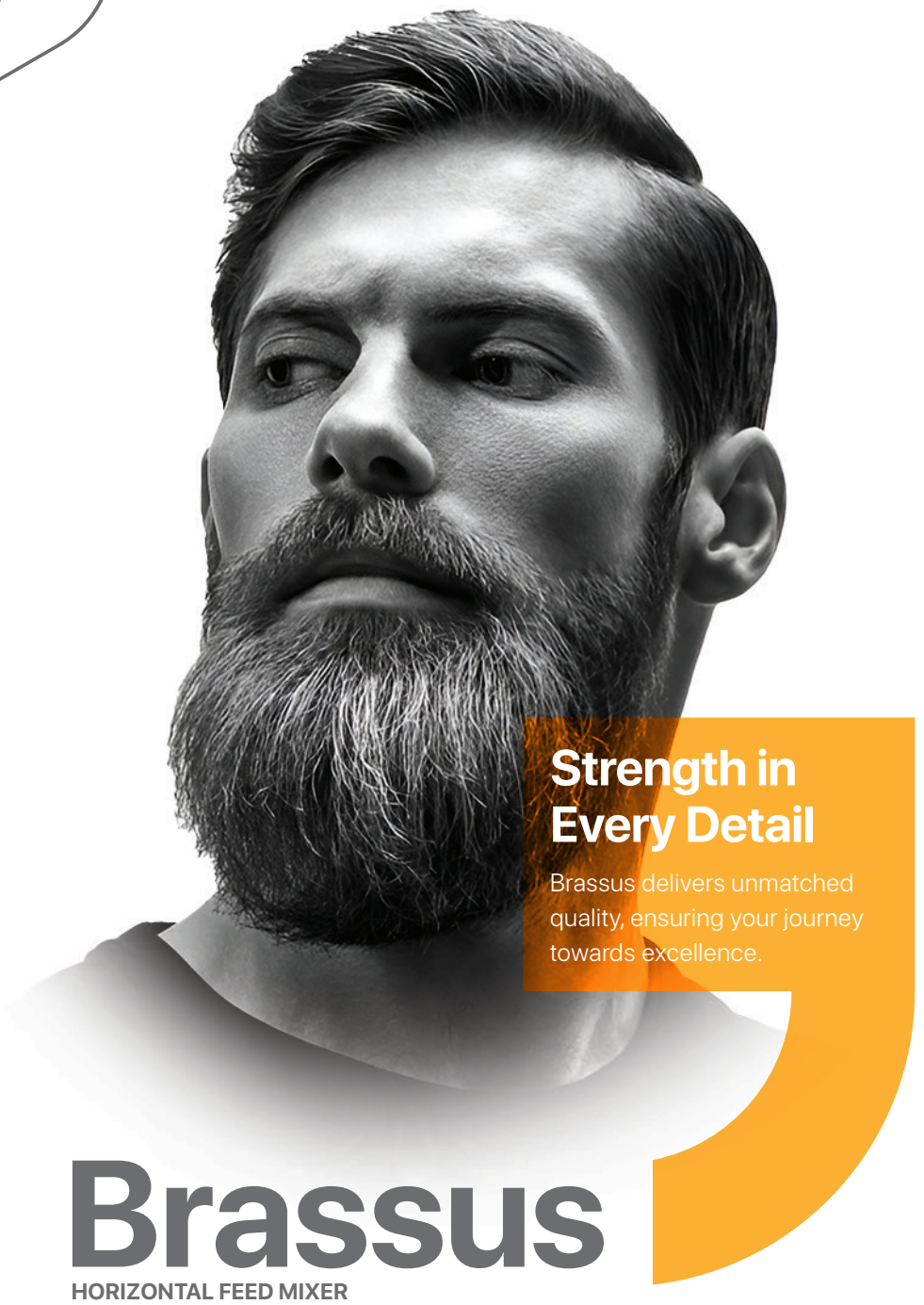
CELIKEL™



Strength in Every Detail

Brassus delivers unmatched quality, ensuring your journey towards excellence.

Brassus

HORIZONTAL FEED MIXER

the choice of PROFESSIONALS

The only thing that Brassusdoes not have, and that other machines have, is a role model!

Çelikel, who realized the needs of livestock farming businesses years ago and started the production of machines for the livestock sector, developed Brassus®, which is the easiest way to prepare homogeneous rations.



Brassus® Feed Mixing Machines, available in capacities of 2-3-4-5-6-8-10-12-14 m³, provide a solution for the feed preparation processes of both large and small-scale businesses.

Independent Hydraulic System

The independent hydraulic system allows the machine's hydraulic components to operate without the need for tractor oil pressure. This is a detail that will save both fuel and time.

Conveyor

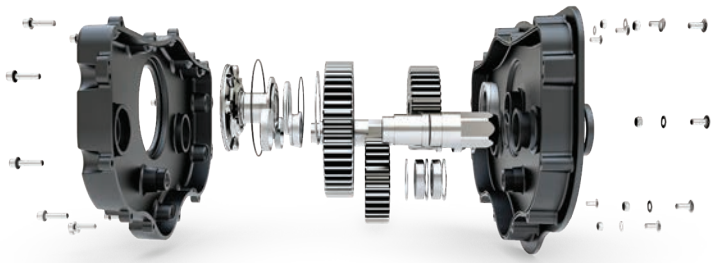
With its symmetrical design and discharge hatches and conveyors that can be placed on both sides, feeding can be done to the right and left in a single pass. There are options for discharge conveyors in lengths of 40 cm, 100 cm, and 140 cm.



Black & Bold Transmission

Black & Bold; has been designed to prevent any kind of power loss.

The groundbreaking and industry-leading BLACK & BOLD reduction gear is integrated into the body of BRASSUS® with the strength of 26 sturdy bolts. There is NOT a single company which would offer you Black & Bold transmission technology apart from ÇELİKEL.



Being a machine is easy, but what is more difficult is being BRASSUS®! We have no doubt that the tractor you are using will envy the power of Black & Bold transmission. You may doubt yourself, but BRASSUS®? Never.





Digital Weighing System

Digital weight system can store up to 12 different mix and 48 different feed materials in its memory.

Thanks to fast and high quality feed distribution system; all the animals are supplied with as much feed as they need for their own potential and needs. By purchasing BRASSUS® feed mixer, you get yourself a dependable, high performance machine specially designed to meet your needs. BRASSUS® promises you all the advantage required for a farm to be competitive with its extraordinary design and powerful structure.



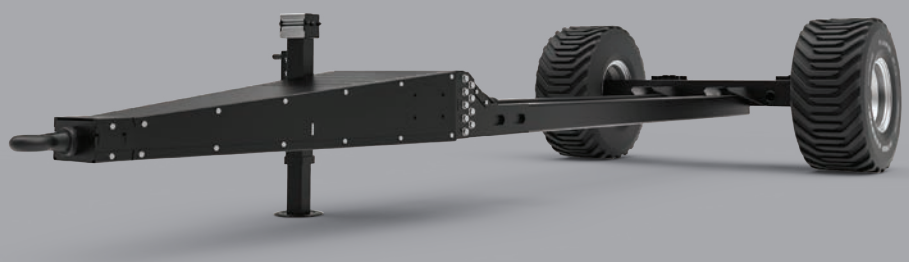


Wide Tread Tyres

Çelikel® wants its machines to be flawless in the direst conditions. All the machines of Çelikel® have resistant, strong, innovative, anti soil-compaction wheels.

Compact Design

Çelikel engineers combined functiionality with visibility in our new generation feed mixer, Brassus®. In the compact Brassus® design all the hydraulic and electronic devices are assembled under the front cover. Brassus® feed mixed ration not only makes your animals happy but also increases the value of your farm.



Reinforced Chassis

You will see the sturdy Brasuss chassis under its remarkable design and solid structure.



Having realized the needs of livestock farmers, Çelikel has started to produce machines for livestock farming. Çelikel has developed the easiest way to produce homogeneous feeding mixed ration - the Brassus®.

The Blackbox has been developed by Celikel's R&D team to meet the expectations of our farmers in terms of cost savings on feed mixer machines.

Blackbox

Blackbox® is an electrical power transmission system that will increase the profitability and reduce fuel consumption by up to 78%. You can save on fuel costs by using this system, which makes it possible to use electrically powered feed mixer machines without having to separate it from the tractor regardless of the model. Blackbox® can be used in all horizontal & vertical feed mixers regardless of the brand and model.









Auger Systems

Powered by two counter-rotating augers, Brassus provides the most efficient rations by chopping raw, stingy materials such as stems, stalk, hay and clover. The simultaneously twisting augers work with the help of shredding and mixing paddles. Spiral blades located at the edges of the augers transfer the feed to the center and circulate the feed in the chamber.



Hydraulic Bucket

New loading bucket is designed to load all kinds of feed (such as stalk, clover, hay bales, silage, beet pulp, wet feed, scientific feed, granule feeds and etc.) and what's more it saves time.





Brassus Micro Series

1-2-3-4-5 m^3

The history of feed mixers has started with Biomix, continued with Probiomix, improved with Charger and completed with BRASSUS®. BRASSUS® is the ultimate word in the history of feed mixers!

Some call it feed mixer we call it BRASSUS. Perfection mechanized and now BRASSUS's $2m^3$, $3m^3$, $4m^3$, $5m^3$ capacity models are out in stores. Bad news for the competitors. But waht a great news for customers!



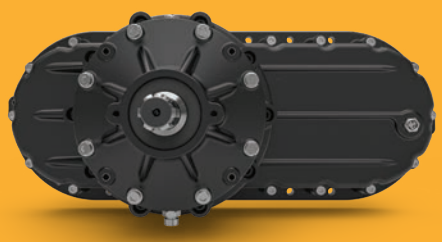
S355 Steel Quality

The secret to creating a long-lasting machine lies in using the best materials. In Çelikel® feed mixing machines, high-quality S355 steel plates have been used, which are a reinforced form of pure steel with various elements to resist wear. This way, your machine defies the years with its wear resistance.

Black&Bold Transmission

540
TRACTOR
PTO SPEED

40 hp
MIN PTO POWER
REQUIREMENT

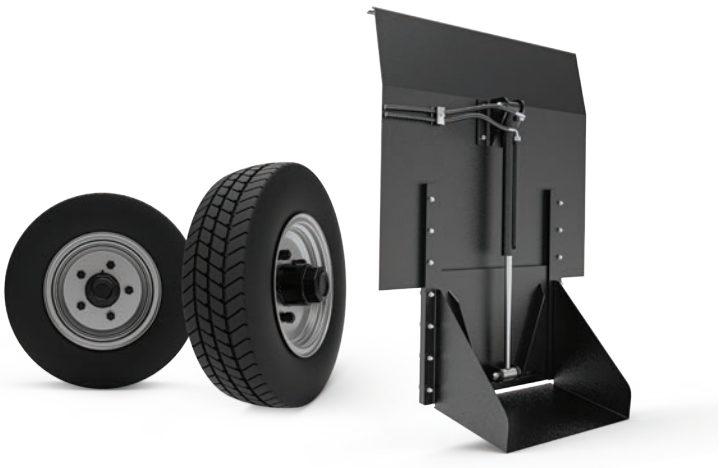


Legendary BLACK&BOLD transmission gearbox body is a combination of smelted red steel, silicium, magnesium and three different elements. These parts of the machines are assemblied together with special engineering techniques under the monolithic cover. As a result, we can see a work of art by Çelikel® engineers. Our stretch resistant transmission gearbox is 30% stronger than its competitors.

Loading Hatch

When it comes to sustainability, there is no one else who can be compared with Çelikel engineers. The load cover is a perfect example for this: This particular cover is designed for small-scaled businesses. It is the same height as the loading bucket but it does not require to have any sort of hydraulic hardware so it is easy to access. You will not need a bucket in Brassus Micro®.





Discharge Hatch

With its symmetrical design and discharge hatches that can be placed on both sides, feeding can be done to the right and left in a single pass.

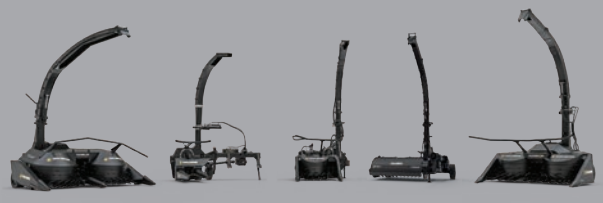
Radial Tires

Çelikel® uses innovative tires in its machines to provide high resistance to the toughest terrain conditions, superior load capacity, high durability, and reduced soil compacti-on, ensuring that its machines work flawlessly even in the harshest conditions.

BRASSUS MICRO	2 m³	2 m³	3 m³		4 m³		5 m³	
Chassis Type	Trailer Type	Stationary	Trailer Type	Stationary	Trailer Type	Stationary	Trailer Type	Stationary
Length	3365 mm	2425 mm	3745 mm	2802 mm	3425 mm	3090 mm	4515 mm	3580 mm
Height	1670 mm	1800 mm	1855 mm	1985 mm	2100 mm	2180 mm	2150 mm	2190 mm
Width	1429 mm	1465 mm	1450 mm	1490 mm	1540 mm	1500 mm	1585 mm	1500 mm
Wheel Trail Width	1264 mm	-	1275 mm	-	1280 mm	-	1300 mm	-
Feed Discharge Width	1525 mm	-	1535 mm	-	1625 mm	-	1600 mm	-
Auger Core Thickness	8 mm	8 mm	8 mm	8 mm	10 mm	10 mm	10 mm	10 mm
Auger Stripe Thickness	10 mm	10 mm	10 mm	10 mm	12 mm	12 mm	12 mm	12 mm
Side Wall Thickness	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm
Front Wall Thickness	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm	4 mm
Floor Plate Thickness	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm	8 mm
Empty Weight	1360 kg	850 kg	1525 kg	1015 kg	1695 kg	1160 kg	1820 kg	1350 kg
Loading Capacity	600 kg	600 kg	900 kg	900 kg	1200 kg	1200 kg	1500 kg	1500 kg
The Quantity Of Knives	35 pcs	35 pcs	49 pcs	49 pcs	56 pcs	56 pcs	76 pcs	76 pcs
Wheel Size	165/80-R13-PT311	-	175-65-R14X5.50	-	10.00/80-12-UN5	-	10.0/75-15.3-12RF	-
Rim	4.00X13-B4	-	J5.50X14-5X110X160	-	8.00X12	-	9.00X15.3	-
Tractor Pto Speed	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM
Tractor Pto Power Requirement	Min 20 hp	Min 20 hp	Min 25 hp	Min 25 hp	Min 30 hp	Min 30 hp	Min 40 hp	Min 40 hp
Electricity Engine Power Requirement	11 Kw - 1500 RPM	11 Kw - 1500 RPM	15 Kw - 1500 RPM	15 Kw - 1500 RPM	18,5 Kw - 1500 RPM	18,5 Kw - 1500 RPM	22 Kw - 1500 RPM	22 Kw - 1500 RPM
Mobile Chassis	Standard	-	Standard	-	Standard	-	Standard	-
Stationary Chassis	-	Standard	-	Standard	-	Standard	-	Standard
Weight System	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Tranasmission Pto Single Outlet	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Transmission Pto Double Outlet	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Transmission + Blackbox Pto Double Outlet	Optional	Standard	Optional	Standard	Optional	Standard	Optional	Standard
Feed Discharge Side Right	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Feed Discharge Side Left	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Hydraulic Feed Discharge Cover	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Mechanical Feed Discharge Cover	Optional	Standard	Optional	Standard	Optional	Standard	Optional	Standard
Feed Discharge Plate	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Hydraulic Feed Discharge Conveyor	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Electricity Feed Discharge Conveyor	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Conveyor Bagging Kit	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Tractor Independent Hydraulic	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Tractor Dependant Hydraulic	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Sliding Hydraulic Control System	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Wired Hydraulic Control System	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Back Load Half Cover	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Back Load Bucket	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Mechanical Foot Jack	Standard	-	Standard	-	Standard	-	Standard	-

BRASSUS	5 m³	6 m³	8 m³	10 m³	12 m³	14 m³
Length-A	4680 mm	4970 mm	5020 mm	5950 mm	6430 mm	6750 mm
Height-B	2340 mm	2350 mm	2540 mm	2660 mm	2710 mm	2860 mm
Width-C	1730 mm	1730 mm	1990 mm	2080 mm	2075 mm	2075 mm
Wheel Track Width - D	1460 mm	1451 mm	1671 mm	1671 mm	1671 mm	1671 mm
Open Band Width – E	2350 mm	2350 mm	2525 mm	2580 mm	2575 mm	2575 mm
Closed-belt width – F	1900 mm	1900 mm	2100 mm	2150 mm	2130 mm	2130 mm
Empty Weight	2500 kg	2650 kg	3170 kg	3550 kg	4200 kg	4450 kg
Loading Capacity	1500 kg	1800 kg	2400 kg	3000 kg	3600 kg	4200 kg
Power Requirement	54 HP	60 HP	70 HP	80 HP	90 HP	105 HP
PTO Speed	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM	540 RPM
Wheel Dimensions	10.0-75 -15,3	10.0-75 -15,3	12.5-80 -15,3	400/60 R 15.5	400/60 R 15.5	400/60 R 15.5
Number of wheels	2	2	2	2	2	2
Unloading Conveyor (Right)	Standard	Standard	Standard	Standard	Standard	Standard
Discharge Conveyor, Left	Optional	Optional	Optional	Optional	Optional	Optional
Weighing System	Optional	Optional	Optional	Optional	Optional	Optional
Number of Load Cells	3	3	3	3	3	3
Number of Blades	Star blades: 22 Axle blades-1: 22 Axle blades-2: 4	Star Blade: 26 pieces Axe Blade-1: 26 pieces Axe Blade-2: 4 pieces	Star Blade: 28 units Axe Blade-1: 28 units Axe Blade-2: 4 units	Star Blade: 34 units Axe Blade-1: 34 units Axe Blade-2: 4 units	Star Blades: 41 pieces Axe Blades-1: 40 pieces Axe Blades-2: 4 pieces	Star Blade: 46 units, Axe Blade-1: 44 units, Axe Blade-2: 4 units
Loading Bucket	Optional	Optional	Optional	Optional	Optional	Optional
Control System: Manual	Standard	Standard	Standard	Standard	Standard	Standard
Control System: Wired	Optional	Optional	Optional	Optional	Optional	Optional
Mechanical Leg	Standard	Standard	Standard	Standard	Standard	Standard
Staircase	Standard	Standard	Standard	Standard	Standard	Standard

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

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the choice of
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