

FEED MIXERS



DARK AS STRONG AS

There is no such machine that could be compared with Brassus®

There still is not enough said about BRASSUS® despite being the most preferred feed mixer of the World for the last three years in a row.

BRASSUS has an innovative and easily recognized BLACK & BOLD gear group with 26 bolts strength. The performance of BRASSUS is complemented by a perfect matte black design. Brassus does its best to be more compassionate towards its competitors, but other machines have only dreamed of growing up and becoming a BRASSUS one day!



NIGHT AS A BULL

Brassus

FEED MIXERS

Çelikel started manufacturing machines for livestock farming after having realized the needs of livestock production businesses years ago. Then Çelikel developed Brassus®: The easiest way of preparing homogeneous mixed ration.

Brassus® feed mixers which are manufactured in 2-3-4-5-6-8-10-12-14-16-18-20 m3 capacities are offering solutions to large and small scaled businesses' who are in engaged in feed

preparation processes. 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.



BLACK BOX OF SAVING

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® 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 feed mixers regardless of the brand and model.

Blackbox® makes it possible to use the machine with both a tractor and an electric motor. You may start your machine by plugging it to the nearest electricity outlet after filling the feed as usual, mix it and then you can serve the feed to your livestock after you disconnect the power cable.

BLACKBOX



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

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 never BRASSUS®.



■ REINFORCED CHASSIS

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



■ DIGITAL WEIGHING SYSTEM

Digital weighing system is capable of storing up to 12 different mixes and 48 different feed ingredients.

FEED MIXERS

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®.



■ 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.

■ AUGER SYSTEMS

Powered by two counter-rotating augers, Brassus provides the most efficient rations by chopping raw, stinky 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.

■ INDEPENDENT HYDRAULIC SYSTEM

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





DIGITAL WEIGHING SYSTEM

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

Brassus



■ 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.

■ CONVEYOR

Due to its symmetrical design, discharge conveyors and windows can be positioned on both sides, feed discharging process can be made in one or both sides. The discharge conveyor are available in lengths 80 cm - 100 cm - 140 cm.

■ COMPACT STRUCTURE

Çelikel engineers combined functionality 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 make cows healthy (nutritionally balanced) but also increase maximum productivity of your cattles.



FEED MIXERS

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!



■ BLACK&BOLD TRANSMISSION

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 assembled 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.



■ DISCHARGE COVER

Due to its symmetrical design, discharge conveyors and discharge windows can be positioned on both sides, feed discharging process can be made in one or both sides.



■ S355 SHEET METAL QUALITY

The secret of making a long lasting machines is to use the best materials possible. Çelikel® uses resistant to wear and tear S355 sheet metals made of steel improved with many elements in its feed mixers. Thus, your machine will be operating flawlessly for many years to come.

Brassus Micro



BRASSUS is perfectly designed to empower medium scaled farming, available models 2m³, 3m³, 4m³, 5m³ capacity models. It's good news to help the easiest feed mixing ration for our farmers. . Bad news for the competitors. But what a great news for customers!



LOAD COVER

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®.



REINFORCED RESERVOIR

Floor plate is made of 8 mm thick S355 sheet metal to make it stronger, rigider and last longer. Metal grid system provides endurance.



RADIAL TYRES

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.



	5 m³		6 m³		8 m³		10 m³		12 m³		14 m³		16 m³	18 m³	20 m³
Chassis Type	Low Chassis	High Chassis	Low Chassis	High Chassis	Low Chassis	High Chassis	Low Chassis	High Chassis	Low Chassis	High Chassis	Low Chassis	High Chassis	Coming Soon	Coming Soon	Coming Soon
Length-A (mm)	4580	4580	4930	4930	5060	5060	5900	5900	6350	6350	6670	6670	Coming Soon	Coming Soon	Coming Soon
Height-B (mm)	2200	2305	2200	2305	2350	2490	2450	2590	2530	2670	2650	2790	Coming Soon	Coming Soon	Coming Soon
Width-C (mm)	1865	1735	1865	1735	2135	2025	2230	2105	2230	2105	2230	2105	Coming Soon	Coming Soon	Coming Soon
Wheel Trail Width-D (mm)	1571	1451	1571	1451	1806	1671	1806	1671	1806	1671	1806	1671	Coming Soon	Coming Soon	Coming Soon
Conveyor Closed Width-E (mm)	2410	2350	2410	2350	2585	2530	2635	2571	2635	2571	2635	2571 m	Coming Soon	Coming Soon	Coming Soon
Conveyor Open Width-F (mm)	1950	1895	1950	1895	2115	2100	2215	2150	2215	2150	2215	2150	Coming Soon	Coming Soon	Coming Soon
Capacity (Net Volume)	5 m³		6 m³		8 m³		10 m³		12 m³		14m³		Coming Soon	Coming Soon	Coming Soon
Empty Weight	2810 kg		3000 kg		3550 kg		4000 kg		4450 kg		4710 kg		Coming Soon	Coming Soon	Coming Soon
Maximum Loaded Weight	4310 kg		4800 kg		5950 kg		7000 kg		8050 kg		8910 kg		Coming Soon	Coming Soon	Coming Soon
Power Requirement (PTO)	54HP		60HP		70HP		80HP		90HP		105HP		Coming Soon	Coming Soon	Coming Soon
PTO Speed	540 rpm		540 rpm		540 rpm		540 rpm		540 rpm		540 rpm		Coming Soon	Coming Soon	Coming Soon
Wheel Sizes	10.0/75-15.3		10.0/75-15.3		12.5/80-15.3		400/60-15.5		400/60-15.5		400/60-15.5		Coming Soon	Coming Soon	Coming Soon
The quantity of Knives	54 pcs		64 pcs		88 pcs		110 pcs		132 pcs		144 pcs		Coming Soon	Coming Soon	Coming Soon
The quantity of Load Cells	3 pcs		3 pcs		3 pcs		3 pcs		3 pcs		3 pcs		Coming Soon	Coming Soon	Coming Soon
Weight System	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon
High Level Chassis System	Standard		Standard		Standard		Standard		Standard		Standard		Coming Soon	Coming Soon	Coming Soon
Low Level Chassis System	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon
Feed Discharge Right Side	Standard		Standard		Standard		Standard		Standard		Standard		Coming Soon	Coming Soon	Coming Soon
Feed Discharge Left Side	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon
Feed Discharge Window	Standard		Standard		Standard		Standard		Standard		Standard		Coming Soon	Coming Soon	Coming Soon
Right Feed Discharge Conveyor	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon
Left Feed Discharge Conveyor	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon
Mechanical Lifting	Standard		Standard		Standard		Standard		Standard		Standard		Coming Soon	Coming Soon	Coming Soon
Hydraulic Lifting	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon
Ladder	Standard		Standard		Standard		Standard		Standard		Standard		Coming Soon	Coming Soon	Coming Soon
Sliding Hydraulic Control System	Standard		Standard		Standard		Standard		Standard		Standard		Coming Soon	Coming Soon	Coming Soon
Wired Hydraulic Control System	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon
Bagging Kit	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon
Back Cover	Standard		Standard		Standard		Standard		Standard		Standard		Coming Soon	Coming Soon	Coming Soon
Back Loading Bucket	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon
Transmission PTO Double Outlet	Standard		Standard		Standard		Standard		Standard		Standard		Coming Soon	Coming Soon	Coming Soon
Transmission + Blackbox PTO Double Outlet	Optional		Optional		Optional		Optional		Optional		Optional		Coming Soon	Coming Soon	Coming Soon

BRASSUS MICRO		2 m³		3 m³		4 m³		5 m³	
Chassis Type	Trailer type	Stationary type	Trailer type	Stationary	Trailer type	Stationary	Mobile	Stationary	
Length-A	3365 mm	2425 mm	3740 mm	2810 mm	4015 mm	3100 mm	4515 mm	3580 mm	
Height-B	1690 mm	1820 mm	1865 mm	2010 mm	2065 mm	2195 mm	2150 mm	2195 mm	
Width-C	1440 mm	1465 mm	1470 mm	1490 mm	1490 mm	1500 mm	1585 mm	1500 mm	
Wheel Trail Width-D	1264 mm	-	1274 mm	-	1272 mm	-	1300 mm	-	
Feed Discharge Width-E	1475 mm	-	1540 mm	-	1550 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		850 kg	1065 kg	1015 kg	1250 kg	1160 kg	1450 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	26 pcs	26 pcs	36 pcs	36 pcs	52 pcs	52 pcs	68 pcs	68 pcs	
Wheel size	165/80-R13-PT311	-	175/65-R14-PT311	-	185/65-R14-PT311	-	100/75-15.3-12RF	-	
Rim	4.00X13-B4	-	550X14-B5	-	550X14-B5	-	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 d/dk	11 Kw - 1500 d/dk	15 Kw - 1500 d/dk	15 Kw - 1500 d/dk	18.5 Kw - 1500 d/dk	18.5 Kw - 1500 d/dk	22 Kw - 1500 d/dk	22 Kw - 1500 d/dk	
Mobile Chassis	Standard	-	Standard	-	Standard	-	Standard	-	
Stationary Chassis	-	Standard	-	Standard	-	Standard	-	Standard	
Weight System	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
Transmission 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	-	

1m³ FEED = 300 KG (60% OF THE RATION CONTENT IS CALCULATED AS HIGH QUALITY COARSE FODDER.) WEIGHT OF THE MACHINE MAY VARY ACCORDING TO THE OPTIONS CHOSEN, ÇELİKEL TARIM LTD. ŞTİ. KEEPS CHANGING OF TECHNICAL VALUE RIGHTS RESERVED.