

always ready  
***always strong***



**TOSUN**





## You are safe *in expert hands*

Our goal when establishing Tosun Tarım was to produce feed mix solutions that truly meet the needs of modern agriculture and make a difference in the field. At the point we have reached today, we are not just a machine manufacturer; We have become a brand that centers on engineering, quality and sustainable efficiency. We work with the same discipline at every stage, from production to quality processes to after-sales support, and we see it as our priority to make our users' jobs easier and add value to their businesses. We are not content with keeping up with today's demands; We work to develop the agricultural technologies of the future today.



TOSUN

24  
CUBIC METERS

Always Ready Always Strong

www.tosunfarm.com



***Bait  
Mixed  
Machines***

always ready • **always strong**



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# canopus | vertical feed mixer

## VERTICAL SCREW FEED MIXER MACHINE



**24**  
CUBIC METER



FEED MIXED



VERTICAL  
WITH SPIRAL

[tosuntarim.com](http://tosuntarim.com)







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# kesif | fixed feed mixer

## CONCENTRATED FEED MIXING MACHINE



# 03

CUBIC METER



FEED MIXED



FIXED  
WITH SPIRAL

### Concentrated Feed Mixing Machine

Capacity	3 m <sup>3</sup>
Total Width	1,35 m
Total Height	2,63 m
Total Length	3,60 m
Engine Power(Opener)	7,5 kw
Engine Speed	1500 d/d
Motion Transfer System	Reducer
Weighing System	Standard
Mixer System	Single Screw

tosuntarim.com

06-07





With your own concentrated  
**feed cost control.**

By premixing, you can produce concentrated feeds specific to your farm with high homogeneity and reduce your feed costs.



With high homogeneity  
**balanced nutrition**

Thanks to the single auger precise mixing, the feed is distributed evenly and the ration is not spoiled.



Flexible and  
**controlled production**

It can be easily observed thanks to its low loading height and inclined design.



# tos'n moon | fixed feed mixer

## STATIONARY CROSS FEED MIXER MACHINE

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**24**  
CUBIC METER



FEED MIXED



FIXED  
WITH SPIRAL

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# **sirius** | horizontal feed mixer

## **HORIZONTAL SCREW FEED MIXER MACHINE**



**04**  
CUBIC METER



FEED MIXED



HORIZONTAL  
WITH SPIRAL

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# ***sirius evo***

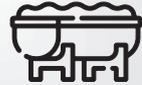
horizontal feed mixer

**HORIZONTAL SCREW FEED MIXER MACHINE**



**16**

CUBIC METER



FEED MIXED



HORIZONTAL  
WITH SPIRAL

tosunarm.com





With patented body design  
**perfect mix**

Thanks to its double auger system and special blades, it shreds and does not leave food on the bottom.



Mixes the feed without  
**crushing it precision technology**

The special alloy blade structure prevents nutritional loss and increases efficiency by mixing the feed without crushing it.



minimum energy  
**maximum efficiency**

It reduces fuel consumption and wear with its design that does not tire the tractor.

## TECHNICAL SPECIFICATIONS

CAPACITY	16 m <sup>3</sup>	20 m <sup>3</sup>
Empty Weight	8000 kg	8760 kg
Wagon Width	2.28 m	2.28 m
Wagon Height	2,29 m	2,29 m
Wagon Length	4.00 m	5,00 m
Total Width	2,55 m	2,55 m
Total Height	3,00 m	3,00 m
Total Length	6.36 m	7,35 m
Min. Power Need	85 Hp	100 Hp
Required PTO Speed	540 Rpm	540 Rpm
Tire Sizes	385/65-22.5	385/65-22.5
Base Sheet Thickness	12 mm	12 mm
Chopper System (Axe/Star)	48/132	64 / 180
Powertrain	Gearbox	Gearbox
Spiral System	Dual/Horizontal	Dual/Horizontal
Conveyor Belt	Standard	Standard
Jack	Hydraulic	Hydraulic
Loading Bucket	Standard	Standard
Weighing System	Optional	Optional
Double Ejaculation	Optional	Optional
Observation Window	Standard	Standard



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# spica | horizontal feed mixer

## HORIZONTAL SCREW FEED MIXER MACHINE



**08**  
CUBIC METER



FEED MIXED



HORIZONTAL  
WITH SPIRAL

[tosuntarim.com](http://tosuntarim.com)





### Double screw **perfect mix**

With its patented design, it breaks down the feed quickly and leaves no waste on the machine floor.



### With special blades **high efficiency**

By mixing the feed without crushing it, it preserves its nutritional value and maximizes animal productivity.



### With low power **fuel saving**

It reduces fuel costs and provides long-lasting use with its structure that does not tire the tractor.



## TECHNICAL SPECIFICATIONS

Capacity	2,5 m <sup>3</sup>	3 m <sup>3</sup>	5 m <sup>3</sup>	6 m <sup>3</sup>	8 m <sup>3</sup>	10 m <sup>3</sup>	12 m <sup>3</sup>
Empty Weight	1300 kg	1350 kg	2180 kg	1950	3000	3160	3320
Wagon Width	1,33 m	1,33 m	1,85 m	1,65 m	1,92 m	1,92 m	1,92 m
Wagon Height	1,28 m	1,45 m	1,80 m	1,55 m	1,82 m	1,82 m	1,82 m
Wagon Length	2,48 m	2,48 m	3,00 m	2,98 m	2,99 m	3,49 m	3,99 m
Total Width	1,39 m	1,39 m	2,40 m	1,98 m	2,27 m	2,27 m	2,27 m
Total Height	1,72 m	1,85 m	2,25 m	2,04 m	2,50 m	2,50 m	2,50 m
Total Length	3,55 m	3,55 m	3,85 m	4,95 m	5,30 m	5,90 m	6,20 m
Min. Power Need	35 Hp	35 Hp	40 Hp	55 Hp	65 Hp	65 Hp	65 Hp
Required PTO Speed	540 Rpm	540 Rpm	540 Rpm	540 rpm	540 rpm	540 rpm	540 rpm
Tire Sizes	50/80-13	50/80-13	2x(10.0/75-15,3)2x(10.0/75-15,3)	10.0/75-15.3	12.5/80-15.3	12.5/80-15.3	12.5/80-15.3
Base Sheet Thickness	6 mm	6 mm	10 mm	6 mm	10 mm	10 mm	10 mm
Chopper System (Axe/Star)	32 / 32	32 / 32	10 mm	36 / 36 Pieces	26 / 48 Pieces	30 / 56 Pieces	40 / 68 Pieces
Powertrain	Zincir	Zincir	7 Pieces	Gearbox	Gearbox	Gearbox	Gearbox
Spiral System	Dual/Horizontal	Dual/Horizontal	Gearbox	Dual/Horizontal	Dual/Horizontal	Dual/Horizontal	Dual/Horizontal
Conveyor Belt	Standard	Standard	Single/Vertical	Standard	Standard	Standard	Standard
Jack	Manual	Manual	Standard	Manual	Hydraulic	Hydraulic	Hydraulic
Loading Bucket	Optional	Optional	Hydraulic	Standard	Standard	Standard	Standard
Weighing System	Optional	Optional	Standard	Optional	Optional	Optional	Optional
Double Ejaculation	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Observation Window	Optional	Standard	Optional	Standard	Standard	Standard	Standard
Observation Window	N/A	Standard		Standard	Standard	Standard	Standard



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# **accuracy** | automatic feed preparation systems

## **AUTOMATIC FEED PREPARATION SYSTEMS**



**accuracy** | dosing unit



**accuracy** | silage carriage



**accuracy** | dosing unit

[tosuntarim.com](http://tosuntarim.com)



### Error-free ration, **full control**

The system completely eliminates operator-related errors and implements ration changes every day in a standard and error-free manner.



### retrospective **stock tracking**

Thanks to the feeding program, you can both monitor historical processes and instantly check your current stocks.



### time and **energy saving**

It accelerates the operational process and reduces energy costs by loading 1-2 days' worth of feed at once and making automatic portioning.

## **TECHNICAL SPECIFICATIONS**

<b>Concentrate Feed Dosing Bunker</b>	
Capacity	3 m <sup>3</sup>
Total Width	2,50 m
Total Height	3,00 m
Total Length	4,00 m
Engine Power	5,5 kw
Engine Speed	1500 d/d
Motion Transfer System	Reducer
Foot Opening	2,00 m
Weighing System	Standard
Spiral System	Single Screw

<b>Rough Feed Dosing Bunker</b>	
Capacity	24 m <sup>3</sup>
Total Width	3,15 m
Total Height	3,52 m
Total Length	7,00 m
Engine Power(Opener)	5,5 kw
Engine Power (Base Drive)	1.1 kw
Engine Speed	Engine Speed 1500 rpm
Motion Transfer System	Reducer
Weighing System	Standard
Opening Screw System	3 Pieces Opener
Chain System	Bale-2 Rows - Silage-4 Rows





# ***Fertilizer Sprinkle Machines***

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# capella | manure spreader

## SOLID MANURE SPREADER



**12**

CUBIC METER



FERTILIZATION



HIGH  
CAPACITY

[tosuntarim.com](http://tosuntarim.com)





### Sharp **distribution control**

Thanks to its specially designed blade structure, it cuts the fertilizer smoothly and cleanly. It provides homogeneous fertilization in the field by preventing dispersion.



### Yield focused **savings**

Dispersion and contact with air during cutting are minimized. It reduces fertilizer loss and reduces operating costs.



### Field **strength**

It is suitable for intensive use with its high-strength steel body and robust mechanical structure. It offers reliable performance in difficult terrain and long-term working conditions.

## TECHNICAL SPECIFICATIONS

Capacity	8 Tons	10 Tons
Width	2,40 m	2,40 m
Length	5,75 m	7,25 m
Height	2,75 m	2,75 m
Movement	Gearbox /RT500	Gearbox /RT500
Main Chain Thickness	13 mm	13 mm
Required Turnover	540 d/d	540 d/d
Tire Sizes	400/60-15,5	500/60-22,5
Base Sheet Thickness	3 mm+6 mm	3 mm+6 mm
Shredder Number of Spirals	2 Pieces	2 Pieces
Motion Shaft	4140	4140
Jack	Manual, Heavy Type	Manual, Heavy Type



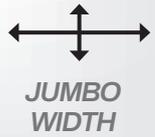
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# halley | jumbo trailer

## JUMBO TRAILER



**12**  
TONS



[tosuntarim.com](http://tosuntarim.com)





### High moving volume

Thanks to its 15 tons storage volume, it allows more products to be transported at one time. It shortens transportation time and improves work efficiency.



### Balanced load distribution

The body structure of the Jumbo Width ensures that the load is distributed evenly inside the trailer. It offers stable driving and safe use during transportation.



### Heavy load performance

It is suitable for harsh field conditions with its reinforced chassis and durable case structure. Provides reliable performance in long-term, intensive transport operations.

## TECHNICAL SPECIFICATIONS

Capacity	8 Tons	10 Tons	12 Tons	13 Tons	15 Tons
Volume	10 m <sup>3</sup>	11 m <sup>3</sup>	15 m <sup>3</sup>	12.5 m <sup>3</sup>	17.5 m <sup>3</sup>
Case Length	3420 mm	4560 mm	4560 mm	5170 mm	5170 mm
Case Width	2000 mm	2200	2200	2200	2200
Case Height	1000 mm	1180 mm	1180 mm	1180 mm	1180 mm
Additional Height	450 mm	-	450 mm	-	450 mm
Tire Size	400/60-15,5 x 2	400/60-15,5 x 4	400/60-15,5 x 4	500/50-17 x 4	500/50-17 x 4



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# **castor** | liquid fertilizer spreader

## **SLURRY TANKERS**



**08**

CUBIC METER



FERTILIZER



JUMBO  
WIDTH

[tosuntarim.com](http://tosuntarim.com)





### High capacity **and efficiency**

With its large volume, it covers more area in a single fill, increasing field efficiency.



### Powerful pump **fast discharge**

Thanks to the high-flow pump, it enables fast filling and quick discharge.



### Homogeneous mix and **controlled spreading**

Its homogeneous mixing system ensures even and controlled fertilizer distribution across the field.

## TECHNICAL SPECIFICATIONS

Capacity	8 m <sup>3</sup>	110 m <sup>3</sup>	12 m <sup>3</sup>	20 m <sup>3</sup>
Transport Volume	8 m <sup>3</sup>	10 m <sup>3</sup>	12 m <sup>3</sup>	20 m <sup>3</sup>
Capacity	8.000 kg	10.000 kg	12.000 kg	20.000 kg
Length	6,1 m	6,5 m	6,8 m	9 m
Width	1,9 m	2,4 m	2,4 m	2,4 m
Height	2,6 m	2,8 m	3,0 m	3,5 m
Tanker Sheet Thickness	6 mm	6 mm	6 mm	6 mm
Drive	540rpm	540rpm	540rpm	540rpm
Trailer Parking Separator	Hand driven jack	Hand driven jack	Hand driven jack	Hand driven jack
Required Tractor Power	80 HP	90 HP	110 HP	120-130 HP
Discharge Cover	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Spreading Area Distance	10 m	10 m	10 m	10 m
Unloading Time	~25 minutes	~25 minutes	~25 minutes	~25 minutes
Working System	Special vacuum pump with suction and pressure			
Optional Special Dispensing System	Underground distribution system with chisel			



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# **procyon** | self loading manure spreader

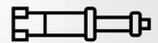
## **SELF LOADING FERTILIZER SPREADER**



**01**  
TONS



FERTILIZER  
SPREAD



HYDRAULIC  
SYSTEM

[tosuntarim.com](http://tosuntarim.com)





### Self-Loading System

It is easily attached to the tractor thanks to its 3-point suspension system. It provides stable and high-performance operation with a minimum tractor power of 45 hp.



### Hydraulic Spreading System

The hydraulic-controlled spreading system ensures balanced and controlled fertilizer application in the field. Flow rate can be precisely adjusted by the operator.



### Tractor-Compatible structure

It is easily attached to the tractor thanks to the 3-point suspension system. It provides stable and high performance operation with a minimum tractor power of 45 hp.

## TECHNICAL SPECIFICATIONS

MODEL	8 m <sup>3</sup>
Empty Weight	570 kg
Height	1.58 m
Width	2.25 m
Length	1.56 m
Bucket Open Length	2.27 m
Loading Capacity	800-1000 kg
Connection System	3 Point Suspension System
Bucket Working Width	1.50 m
Required Tractor Power	45 Bg





# ***Bale-Silage Machines***

her zaman hazır • her zaman güçlü



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# ***big dipper*** | silage cutter

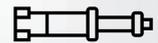
## **SILAGE CUTTING BUCKLE**



**2,2**  
CUBIC METER



STORAGE



HYDRAULIC  
CUTTING

tosuntarim.com

30-31





**Strong cut,  
net yield**

Thanks to its specially designed blade structure, it cuts silage smoothly and cleanly. It prevents disintegration and increases feed quality and animal feeding efficiency.



**Minimum loss,  
maximum savings**

It preserves the nutritional value of silage by reducing its shedding and contact with air during cutting. It minimizes feed loss and reduces operating costs.



**Durable structure,  
longevity**

Thanks to its high-strength steel body and robust mechanical structure, it offers reliable performance even under intense use conditions and reduces the need for maintenance.

**TECHNICAL SPECIFICATIONS**

Capacity	2,2 m <sup>3</sup>	1,6 m <sup>3</sup>
Cutting Capacity	2 m <sup>3</sup>	1,5 m <sup>3</sup>
Length	1,67 m	1,4 m
Width	2,23 m	1,8 m
Height	1,89 m	1,6 m
Silage Cutting Height	2,37 m	1,9 m
Cutter Section Width	1,83 m	1,48 m
Cutting Depth	0,45 m	0,45 m
Net Weight	1420 kg	940 kg
Maximum Loading Capacity	1200 kg	900 kg
Min. of Lifting Vehicle. Lifting Capacity	3000 kg	1900 kg
Min.weight of Lifting Vehicle	7000 kg	4200 kg
Min. Hydraulic Capacity	25 l/d	18 l/m
Maximum Allowed Hydraulic Capacity	160 l/d	160 l/d
Required Electrical Power	12 v	12 v



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# vega | stalk grinder

## BALE SHREDDER MACHINE



**10**

TONS/HOUR



BALE SHREDDING



HIGH CAPACITY

[tosuntarim.com](http://tosuntarim.com)





### Bale shredding *transfer*

It shreds straw and corn stalk bales in a controlled manner and transfers them to the desired area via the machine exit.



### Low dusty *study*

It causes less dust formation compared to blown systems. It provides more comfortable use for animal health and the working environment.



### Strong and long *lasting structure*

It offers reliable performance for many years with its robust body designed for intense working conditions.

## TECHNICAL SPECIFICATIONS

Capacity	4 Tons/Hour	10 Tons/Hour
Fan Speed	1,000 rpm Belt, Pulley Drive	1,000 rpm Belt, Pulley Drive
Circle Speed	10 rpm	10 rpm
Circle Motor Driver	Inverter	Inverter
Fan Motor Driver	Soft Starter	Soft Starter
Fan Engine	30 Kw 1,500 rpm	55 Kw 1,500 rpm
Circle Engine	3 Kw 115 rpm	3 Kw 115 rpm
Body Base Plate	10 mm	15 mm
Body Side Plate	4 mm	6 mm
Shredding Size	0-10cm Adjustable	0-10cm Adjustable
Number of Fan Hammers	8 Pieces	6 Pieces
Panel Type	External Type Panel	External Type Panel
Flue	Still	Still
Chimney Hat	Moving Up and Down	Moving Up and Down
Base Diameter	1.970 mm	2.600 mm
Distance from Support to Support	1.710 mm	2.320 mm
Optional Special Dispensing System	Subsoil Distribution System with Chisel	Subsoil Distribution System with Chisel



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# vega | stalk grinder

## BALE SHREDDER MACHINE



**10**

TONS/HOUR



BALE SHREDDING



MOVING CIRCLE

[tosuntarim.com](http://tosuntarim.com)





### Shred the bale *and redirect*

It shreds straw and corn stalk bales in a controlled manner. It regularly transfers the shredded material to the desired area via the machine exit.



### Clean working *environment*

It produces much less dust than blown systems. It creates a cleaner work area for animal health and operator comfort.



### Heavy duty *body*

It has a reinforced body structure suitable for intensive use conditions. It offers long-lasting, stable and reliable performance.

## TECHNICAL SPECIFICATIONS

Capacity	4 Tons/Hour	10 Tons/Hour
Fan Speed	1,000 rpm Belt, Pulley Drive	1,000 rpm Belt, Pulley Drive
Circle Speed	10 d/d	10 d/d
Circle Motor Driver	Inverter	Inverter
Fan Motor Driver	Soft Starter	Soft Starter
Fan Motor	30 Kw 1.500 d/d	55 Kw 1.500 d/d
Circle Engine	3 Kw 115 d/d	3 Kw 115 d/d
Body Base Plate	10 mm	15 mm
Body Side Plate	4 mm	6 mm
Shredding Size	0-10cm Adjustable	0-10cm Adjustable
Number of Fan Hammers	8 Pieces	6 Pieces
Panel Type	External Type Panel	External Type Panel
Flue	Still	Still
Chimney Hat	Moving Up and Down	Moving Up and Down
Base Diameter	1.970 mm	2.600 mm
Distance from Support to Support	1.710 mm	2.320 mm
Optional Special Dispensing System	Subsoil Distribution System with Chisel	Subsoil Distribution System with Chisel



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# hale bopp

rake-tedder  
combination

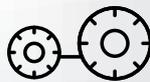
**360 WEED DISTRIBUTION AND COLLECTION COMBINATION**



**3,6<sup>m</sup>**  
WIDTH



SOIL  
PROCESSING



DOUBLE ACTION  
SINGLE MACHINE



[tosuntarim.com](http://tosuntarim.com)



### Collecting + Distributing *in one machine*

Ot toplama ve dağıtma işlemlerini tek makineyle gerçekleştirir. İş gücü ve zaman tasarrufu sağlar.



### Minimum loss, *maximum savings*

Fast performance in large areas with a working width of 3.60 m. Efficiency increases with 7.20 m collection capacity in 3 passes.



### sensitive and *flexible use*

It provides effective weed control on flat or rugged fields by adjusting the drum height according to land conditions.

## TECHNICAL SPECIFICATIONS

Boş Weight	360 kg
Working Width	3.60 m
Working Width Picking	6.00 m (in 3 Passes)
Capacity	3 Ha/hour
Transport Width	3 m
Number of Rotors	2 Pieces
Total Number of Springs	20 Pieces
Number of Wheels	2 Pieces
Wheel Size	16x6,50-8
Required Tractor Power	15 Hp
Required Tractor Speed	540rpm



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