Do Something Profitable











As EGE TIRE MACHINERY MANUFACTURING CO. we proudly offer our products and services to our valued customers. Our company, which impends with a sense of finding solutions to our farmers and live stocking problems; has become a leading company in agricultural machinery by dint of product quality management, reliability, extensive service network, expert personel support and customer-oriented service. As EGE TIRE MACHINERY MANUFACTURING CO. we increase our quality and diversity of our products day by day by following closely the economic and technological developments in our country and in the World.

In this direction; We will continue growing and developing together with "you" by new investments in the sector of livestock projects and farm installations.



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### **COMBINED SILAGE ROUND BALER**



Tosun Tarim produce Silage Baler since 2005 and many customers in Turkey and at the other many countries received that machines and using them for long years. Reasons to produce that machine is some advantages bale technology has against silo bunker method like downbelow;

#### THE ADVANTAGES OF MAIZE BALE SILAGE COMPARED WITH SILO SILAGE;

#### • Lower level loses:

There is almost no waste when preparing maize bale silage. If a pest does damage the film then usually only a few shovels of maize silage has to be removed. On many farms, the weekly feed rate in the clamp silo is significantly less than two metres, which often leads to reheating and mould formation, which in-turn can lead to big losses.

#### More Nutritional:

The dry-matter content in maize bale silage lies is approximately 39-42 % and therefore is significantly higher than with clamp silo silage. The higher dry-matter content leads to a better forage intake and forage exploitation. The excellent forage quality is of particular advantage for sensitive young calves.

#### • Portionable forage removal:

The advantage of maize silage bales is that each bale is a new portion, thus eliminating problems such as reheating of the remaining maize silage.

#### • Longer conservation:

The quality of the maize silage of a bale can usually be conserved for 14 days. We should respect the various opening techniques: if the bales are used for forage within two to three days, a hole is made in the front. For low consumption, the bales are opened up on the top and the silage removed in layers.

#### • Easy Storage:

Bales can be stored almost anywhere.











## **COMBINED SILAGE ROUND BALER**

When you compare Tosun bales with bunker silos at the bale user farms there is significant increase at the yield of milk and meat production.

Tosun Tarım products produced with first quality materials. That means low maintenance cost in the long run and that will decrease your cost per bale.

#### **Spare Part Accessibility:**

One of advantage of Tosun Baler is spare part accessibility. Tosun baler occurs from parts can be find easily and that brings maintenance ease to it's users. At the same time Tosun Tarım gives warranty ofkeeping spare parts for 10 years at it's stocks.

#### **Bale Hardness:**

Tosun baler makes bale by chain and bar system. When you compare it with belt system it makes more harder bales. With belt system it can not be that much hard because of the flexibility of the belt.

#### **Pressure Sensivity:**

By special and unique design of Tosun Net Pressure System you can arrange net pressure between 0 to 100 as automatically and that brings ease of use and following and adjusting the pressure quality of the bale' will be easier fort he operator.





#### TECHNICAL SPECIFICATIONS TABLE

MODEL	85 x 85	85 x 100	
Bale Size	850 X 850	850 X 1000	mm
Products Packed	All Small Size Chopped Plants	All Small Size Chopped Plants	type
Lenght	6120	6120	mm
Width	2100	2200	mm
Height	3060	3060	mm
Weight	3250	3300	kg
Bale Weight	300-400	400-500	kg
Stretch Film Size	50	50	cm
Net Size	125	125	cm
Max. Working Capacity	50	50	Bale/Hour
Required Spindle Speed	Max.540	Max.540	d/d
Minimum Needed Power	10 And More	10 And More	kw
Operation Control Panel Power	12	12	volt
Tyre	2x10.0/75-15,3	2x10.0/75-15,3	unit

## **HORIZONTAL FEEDER MIXER**

Feeder Mixers are very important parts of livestock farms by producing homogenous feed for the animals.

Tosun Feeder Mixer helps you to cut bales in short time by its specially alloyed knives, helps you mix roughage and concentrated feed homogeneously by its body design. Tosun feeder mixer body also designed for to minimize the food left after delivery.



#### Why Tosun Horizantal Feeder Mixer:

- $\sqrt{\phantom{a}}$  Its body design helps you to prepare more homogeneous feed.
- Body design helps the food inside the machine move easier. That means with less power you can prepare more food and at the same time that means saving from the oil cost.
- The scraper plates inside the conveyor belt help you to keep inside the conveyor more clear.
- Tosun feeder mixer's loadcell wedges are casting not metal plate. That means Tosun wedges are more long lasting.

Digital weighing system (Optional), feeds fed into the machine can be weighed with high precision and rations can be prepared correctly.









## **HORIZONTAL FEEDER MIXER**





TECHNICAL SPECIF	-ICATIONS	5									
Capacity	2,5 M³	3 M <sup>3</sup>	4 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 M³	14 M³	16M³	20 M <sup>3</sup>
Empty Weight	1.300 Kg	1.350 Kg	1.740 Kg	2.180 Kg	2.700 Kg	3.600 Kg	4.100 Kg	4.320 Kg	4.600 Kg	8.000 Kg	8.760 Kg
Wagon Width	1,33 m	1,33 m	1,42 m	1,48 m	1,50 m	1,86 m	1,86 m	1,86 m	1,90 m	2.28 m	2.28 m
Wagon Height	1,28 m	1,45 m	1.37 m	1,69 m	1,69 m	2,10 m	2,10 m	2,10 m	2,00 m	2,29 m	2,29 m
Wagon Lenght	2,48 m	2,48 m	2,57 m	2,50 m	3,00 m	3,00 m	3,50 m	4,00 m	4,50 m	4.00 m	5,00 m
Total Width	1,39 m	1,39 m	1,80 m	1,92 m	1,92 m	2,22 m	2,22 m	2,22 m	2,25 m	2,55 m	2,55 m
Total Height	1,72 m	1,85 m	1,90 m	2,23 m	2,25 m	2,71 m	2,71 m	2,71 m	2,72 m	3,00 m	3,00 m
Total Lenght	3,55 m	3,55 m	4,65 m	4,25 m	4,75 m	5,35 m	5,99 m	6,31 m	6,75 m	6.36 m	7,35 m
Min. Power Need	35 Hp	35 Hp	40 Hp	40 Hp	50 Hp	60 Hp	65 Hp	70 Hp	80 Hp	85 Hp	100 Hp
Needed Rpm	540 Rpm										
Tire Dimensions	50/80-13	50/80-13	10/80-12	10/75-15.3	10/75-15.3	400/60-15.5	400/60-15.5	400/60-15.5	400/60-15.5	400/60-15.5	400/60-15.5
Wagon Base Thickness	6 mm	6 mm	8 mm	10 mm	10 mm	10 mm	10 mm	10 mm	10 mm	12 mm	12 mm
Auger Thickness	8 mm	8 mm	10 mm	12 mm	12 mm	15 mm					
Knives Quantity(Axe/Star)	32/32 Unit	32/32 Unit	32/32 Unit	28/56 Unit	36/64 Unit	16/60 Unit	24/80 Unit	32/96 Unit	36/104 Unit	48/132 Unit	64/180 Unit
Power Transfer	Chain	Chain	Gearbox	Chain	Gearbox						
Auger Type	Double / Horizontal										
Conveyor	Standard										
Cable Controller	Optional										
Gearbox Brand / Origin	N/A	N/A	Nrw / Germany	N/A	Nrw / Germany						
Jack	Manual	Manual	Manual	Manual	Hydraulic						
Bucket	Optional	Optional	Standard								
Weighing System	Optional										
2nd Discharge	Optional										
Watching Window	Optional	Standard									







## **VERTICAL FEEDER MIXER**

Feeder Mixers are very important parts of livestock farms by producing homogeneous feed for the animals.

Tosun Vertical Feeder Mixers with its patented stair type auger design produce more chopped feed and more homogeneous feed. By its chassi its height decreased. By the way it provides eases of use for the operator.



#### Why Tosun Vertical Feeder Mixer;

- Tosun's Vertical Feeder Mixers auger specially designed to maximize chopping for vertical feeder mixers.
- The height of Tosun Feeder Mixers are decreased by its chassi design. That brought facilities about loading and controlling.
- Tosun Vertical Feeder Mixers has viewing panel on its body. By the way you can control inside of the machine without difficulty.













## **VERTICAL FEEDER MIXER**



TECHNICAL SI ECII IC	7110112									
Capacity	1,5 M³	3 M <sup>3</sup>	3+1 M³	5 M <sup>3</sup>	5+1 M³	8 M³	10 M³	12 M³	16 M <sup>3</sup>	20 M <sup>3</sup>
Empty Weight	540 kg	1160 kg	1180 kg	2180 kg	2220	3500 kg	3700 kg	3850 kg	5700 kg	6000 kg
Wagon Width	1,10 m	1,50 m	1,42 m	2,37 m	2,37 m	2,40 m	1,90 m	1,90 m	2,18 m	2,18 m
Wagon Height	1,10 m	1,20 m	1.52 m	2,29 m	2,44 m	2,42 m	2,00 m	2,00 m	1,70 m	2,00 m
Wagon Lenght	1,70 m	2,30 m		4,54 m	4,54 m	5,61 m	3,50 m	4,00 m	5,63 m	5,68 m
Total Width	1,32 m	1,70 m	1,80 m	N/A	N/A	N/A	N/A	N/A	2,35 m	2,35 m
Total Height	1,58 m	2,35 m	2,50 m	3,60 m	3,60 m	3,68 m	2,60 m	2,60 m	2,75 m	3,30 m
Total Lenght	1,70 m	3,70 m	4,65 m	4,99 m	4,99 m	6,85 m	5,65 m	6,25 m	7,46 m	7,46 m
Min. Needed Power	20 Hp	35 Hp	40 Hp	40 Hp	40 Hp	60 Hp	70 Hp	80 Hp	90 Hp	105 Hp
Need RPM	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm	540 rpm
Tyre Dimensions	N/A	0-75-15,3	10/80-12	2x(10.0/75-15,3)	2x(10.0/75-15,3)	12.5/80-15.3	12.5/80-15.3	12.5/80-15.3	4x(400/60-15,3)	4x(400/60-15,3)
Wagon Base Thickness	8 mm	10 mm	8 mm	10 mm	10 mm	15 mm	15 mm	15 mm	20 mm	20 mm
Blade System(Type 1/Type 2)	12 Pieces	4 Pieces	32/32 Pieces	7 pieces	7 pieces	8 Pieces	8 Pieces	8 Pieces	22 Pieces	22 Pieces
Drive Transmission System	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox	Gearbox
Auger System	Single	Single	Single	Single	Single	Single	Single	Single	Dual	Dual
Hydraulic Discharge System	N/A	Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Lifting Jack	N/A	Manuel	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Loading Bucket	N/A	Standard	Standard	Standard	Standard	Standard	Standard	Standard	N/A	N/A
Weighting System	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Double Discharge System	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Viewing Panel	N/A	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard









## **HORIZONTAL FEEDER MIXER**

Tosun Feeder Mixer helps you to cut bales in short time by its specially alloyed knives, helps you mix roughage and concentrated feed homogeneously by its body design. Tosun feeder mixer body also designed for to minimize the food left after delivery.



#### HORIZONTAL FEED MIXER TECHNICAL SPECIFICATIONS TABLE

HURIZUNTAL FEED MIXER TECHNICAL SPECIFICATIONS TABLE				
MODEL	4 m3	6 m3		
CAPACITY	4 m3	5 m3		
Empty Weight	1.640 kg	2.700 kg		
Wagon Width	1,46 m	1,46 m		
Wagon Height	1,50 m	1,80 m		
Wagon Length	2,40 m	3,00 m		
Total Width	1,80 m	1,80 m		
Total Height	2,20 m	2,20 m		
Total Length	4,30 m	5,15 m		
Min.Tractor Power Required	55 Hp	65 Hp		
Min. Shaft Devolution Required	540 t/m	540 t/m		
Drive Transmission System	Gearbox + Chain Syst.	Gearbox		
Blade System ( Ax / Camomile )	- / 82 Piece	36 / 64 Piece		
Tire Dimensions	2x 10 / 75 - 15,3	2x 10 / 75 - 15,3		
Lubrication System	Own Oil Depot	Own Oil Depot		
Discharging Conveyor	Opsionel	Opsionel		
Hydraulic Jack	Standart	Standart		
Rear Bucket Loader System	Hydraulic	Hydraulic		













# ACCURACY AUTOMATIC FEEDING SYSTEM

#### Feeding is one of the most important issue of livestock farms.

Revising of a livestock farm's feed management is the most important point to increase livestock farms profitability. By applying technologies like **ACCURACY** farms can aim increasing income of the farms and decreasing their expenses.

With Tosun **ACCURACY** you can load mixers with accurate quantity of feed by the help of dosing bunkers which equipped with loadcells for weighing. With that producers can decrease feed waste, health expenses and can increase milk and meat production with more accurate ration. kolaylıklar sağlamaktadır.

#### Apply ration changes easily.

With Tosun **ACCURACY**'s feed management program you can imply ration changes easily and you can minimize mistakes while passing different ration.

#### More accurate feeding.

YTosun **ACCURACY** will provide to put the same tmr in front of livestocksr.

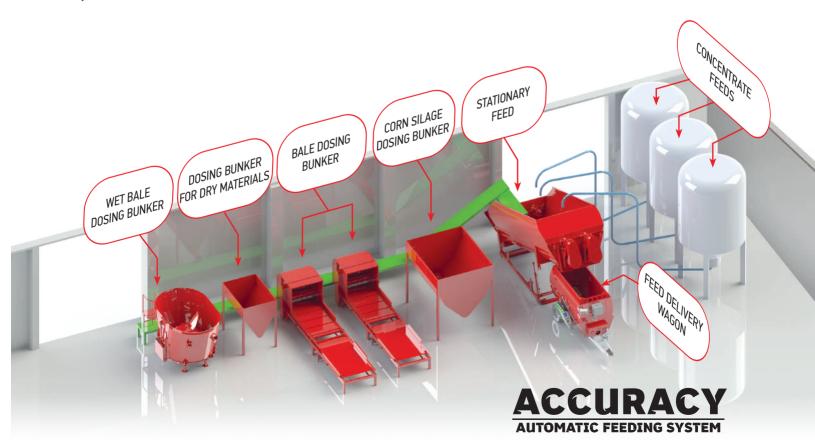
#### %98 homogeneous feed and appropriate material size.

The particul size of the feed shouldn't be more than 5 cm and it should be mixed homogeneously to achieve planned results.

#### Negative impacts of irregular feeding.

Irregularity of estrus, low conception success, embryo reabsorption, low energy levels, inefficient metabolism and as a result of these decrease in productivity.





### **ANGLED STATIONARY FEED MIXER**

#### WHY ANGLED STATIONARY FEED MIXER?

When compare with other type stationary mixers it consumes %50 less power. That decrease electric expenditure costs and needed investment for energy infrastructure for higher

By it's angled design the delivery trailer can go under it. By that way you can discharge the feed inside the delivery trailer directly without need of a conveyor belt. That means you don't have to invest also for a delivery belt. Discharging the feed directly to trailer's another advantage is preventing feed losses while delivering the feed by conveyor belt.

At the studies on angled feed mixers the homogeneus rate measured as %98.

Low loading height at angled feed mixers loading height is lower when you compare with other type stationary feed mixers. Easy looking angle.the angled design provides easy checking from ground by eyes. At other systems for checking inside you should go over the machine.

Easy looking angle.the angled design provides easy checking from ground by eyes.at other systems for checking inside you should go over the machine.

One of the most important issue the nutritionist take care is while mixing the feed should damage by pushing of the machine strongly. If the feed take damage and crush it's nutrition level will decrease.

The crushing rate of the feed and the power usage need of the machine is directly proportional.when the power need increase crushing also will increase angled mixer is the less power consumpting stationary mixer that's why the damage also less.

Another advantage of low power consumption is wear and tear time. By the help of low power consumption the life of the machine is higher that other type stationary feed mixer.





## ANGLED STATIONARY FEED MIXER





Capacity	<b>8</b> M <sup>3</sup>	<b>20</b> M <sup>3</sup>	<b>24</b> M <sup>3</sup>	<b>30</b> M <sup>3</sup>	<b>42</b> M <sup>3</sup>	<b>50</b> M <sup>3</sup>
Auger Number	2	2	2	2	2	2
Height (mm)	3300	5650	5650	5650	6700	6700
Lenght (mm)	5000	7000	7400	7800	8600	9800
Width (mm)	2400	3100	3100	3100	3400	3400
Weight(Kg)	4000	6500	6900	7900	12.500	12.740
Motor Power(Kw)	2x 15 Kw	2x18.5 Kw	2x22 Kw	2x22 Kw	30x2 Kw	30x2 Kw
Loadcell Number	4	4	4	4	4	4
Wagon Base / Sidewalls /Auger Thicknesses	8mm/4mm/12 Mm	10mm/6mm/15 Mm	10mm/6mm/15 Mm	10mm/6mm/15 Mm	10mm/8-5-4mm/15 Mm	10mm/8-5-4mm/15 Mm
Auger Pipe Thickness	10 Mm	15 Mm				
Gearbox Brand, Origin	Nrw/Germany	Nrw/Germany	Nrw/Germany	Nrw/Germany	Nrw/Germany	Nrw/Germany
Reduction System	Gearbox And Belts					
Şanzuman Özellikleri	7003 Body 3 Stages	18000 Body 3 Stages	18000 Body 3 Stages	18000 Body 3 Stages	18000 Body 3 Stages	25000 Body 3 Stages
Discharge Control	Electric And Hydraulic					
Motor Driver	Soft Starter Inverter(Optional)					







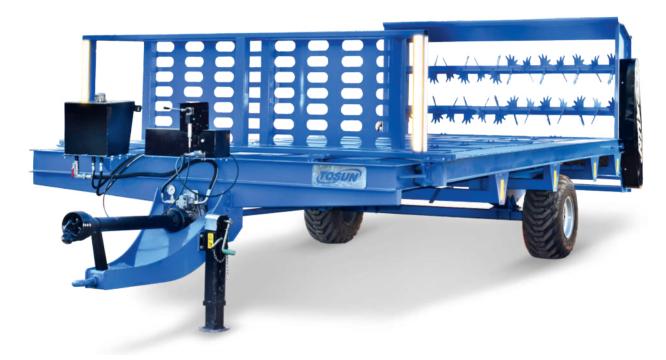
### **BALE SPREADER**



One of the most important issue the nutritionist take care is while mixing the feed should damage by pushing of the machine strongly. If the feed take damage and crush it's nutrition level will decrease.

The crushing rate of the feed and the power usage need of the machine is directly proportional.when the power need increase crushing also will increase.angled mixer is the less power consumpting stationary mixer that's why the damage also less.

Another advantage of low power consumption is wear and tear time. By the help of low power consumption the life of the machine is higher that other type stationary feed mixer.



	TECH	NICAI
Capacity	4 Big Bales	
Width	3,38 m	
Height	2.59 m	
Lenght	8.73 m	
Tire dimensions	400/60-15.5	

AL S	PECIFICATIONS	
	Chain specifications	13 mm Calibrated Chain
	Base movement	Hydraulic
	Spreader movement	Bye PTO
	Needed rpm	540 t/m
	Jack	Manual



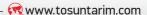












## HALE BOPP-300 RAKE-TED COMBINATION

It has high maneuver ability and high performance with low needed hp. It makes clean and quality raking without taking rocks, soil and etc.



#### Why Hale Bopp-300?

- You can pass from raking to tedding in minutes. Change the hole of the tines, adjust wheels and adjust crop deflectors in minutes and you can start tedding or opposite of this.
- By the help of adjustable deflectors at flat fields you can use it at lower position to make sensitive process.At rough fields you can use it at upper position to decrease wear rate of it.
- At the fields when the crops level is less or not too much you rake more lines by more passes.

TECHNICAL SPECIFICATIONS				
TECHNICAL SP	ECIFICATIONS			
Weight	360 kg			
Working Width	3.60 m			
Working Width(3 Passes)	7.20 m			
Capacity	3 ha/h			
Tire Dimensions	16x6,50 - 8x2			
Transport Width	3.00 m			
Rotor Quantity	2 pieces			
Tine Quantity	20 pieces			
Needed Hp	15			
Needed Rpm	540 t/m			







# GARDEN-GREENHOUSE SELF LOADING MANURE SPREADER



## Your Best **Assistant** For **Manuring**

By it's special design self loading manure spreader helps producers to decrease their employment, manure and first investment costs.

By it's self loading feature without second tractor and without another bucket and with one personel operators can complete whole manuring procedure.

When you compare it with other more detailed spreaders you can decrease your first investment costs and in the long run you will have lower maintenance

MODEL	B-KGD
Loading Capacity	800-1000 kg
Empty Weight	560 kg
Height	1.58 m
Width	2.25 m
Lenght	1.56 m
Bucket Open Lenght	2.27 m
Hitching System	3 Point
Bucket Working Width	1.50 m
Needed Tractor Power	45 HP











## **LIQUID MANURE SPREADERS**

Wide range of Liquid Manure spreaders adapted to the agricultural, livestock and forestry market requirements, with capacities from 3.000 to 15.000 liters. All of them can be manufactured with painted steel, galvanized steel or INOX steel.



MODEL	8 M3	10 M3	12 M3	20 M3
Loading Volume	8 m³	10 m <sup>3</sup>	12 m³	20 m <sup>3</sup>
Capacity	8.000 kg	10.000 kg	12.000 kg	20.000 kg
Lenght	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
Thickness Of The Tank	6 mm	6 mm	6 mm	6 mm
Needed Rpm	540 t/m	540 t/m	540 t/m	540 t/m
Jack	Manual	Manual	Manual	Manual
Needed Horsepower	80 HP	90 HP	110 HP	120-130 HP
Discharge Control	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Spreading Width	10 m	10 m	10 m	10 m
Total Discharging Time	~ 25 min	~ 25 min	~ 25 min	~ 25 min
Optional Equipment	Chisel Injection System	Chisel Injection System	Chisel Injection System	Chisel Injection System







## **AUTOMATIC STATIONARY BALE WRAPPER**

The Tosun automatic stationary wrapper is suitable for the users who wants to make bales at near their storage site. The best side of the Tosun bale wrapper is it's simple but effective software.

By it's software you can make time and tour adjustments confidently and customly for yourself and you can get highest performance from the wrapper.





TECHNICAL SPECIFICATIONS TABLE				
Height	140 cm			
Width	95 cm			
Lenght	95 cm			
Weight	460 kg			
Wrapping Tour	Adjustable			
Lifting Time	Adjustable			
Needed Motor Power	5.5 Kw			
Control	Touch Screen			

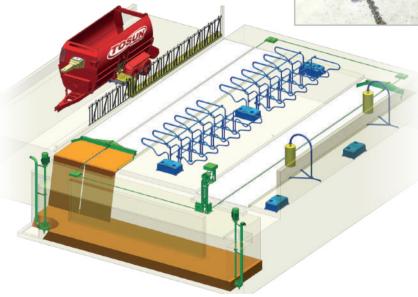


## **MANURE SCRAPER SYSTEM**



With using the scraping system the farms will be dry and clean.







You can discharge your manure pool with Tosun Tarim's manure pump.It also has the ability of mixing and chopping. The manure pump can produce privately for different sizes of the manure pools.

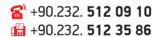
With its strong electric engine you can transport the manure 500 away from the manure pool.





TEKNİK ÖZELLİKLER			
Uzunluk	550 mm		
Genişlik	440 mm		
Yükseklik	630 mm		
Motor Gücü	15 Kw		
Pompa Mili Uzunluğu	430 mm		
Pompa MiliÇapı	40 - 50 mm		
Pompa Mili Malzemesi	ST1040 Çelik		
Emme Ağzı Çapı	160 mm		





www.tosuntarim.com

Atatürk Mahallesi Istasyon Caddesi No: 96 Tire - Izmir / TURKIYE



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