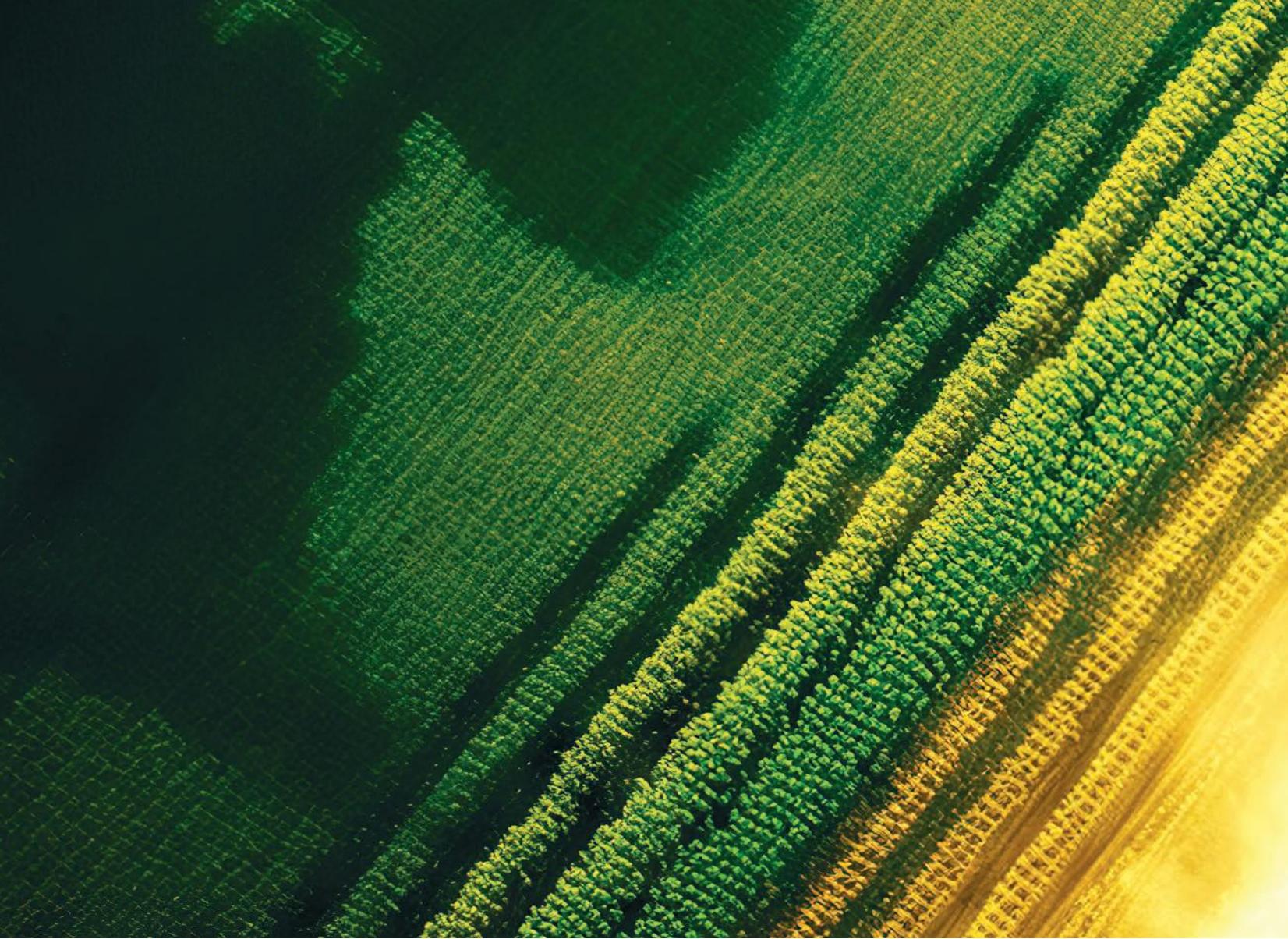


discover
the difference
FEEL THE POWER!









Surmak has operated in Konya Organized Industrial Site on the production of forage harvester machines with its expert staff alongside an experience of more than 30 years.

Aiming for the leading position at agricultural machinery and developing itself continuously, Surmak increases its share persistently in the domestic and foreign market.

Surmak provides sales and technical service with over 150 branches in Turkey, and exports to 30 different countries.

The products built in our firm such as drum mowers, disc mowers and other various types of hay rakes, are produced with 100% domestic insight and continues to supply the agricultural mechanization sector with our advanced technologies.

We complete products which conform to TSE, ISO 9001-2000 and CE Quality Standards.

Since Surmak was established, our aim has always been to manufacture and specialize in our industry by renewing ourselves and working with advanced technology to forever improve quality and standards.

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Technical Specifications

Number of Discs	8 piece
Cut Width	3300 mm
Minimum PTO power requirement	120 hp
PTO Speed	540 d/dak - 1000 rpm
Weight	2560 kg

STC series pull type disc mower-conditioners are designed to improve drydown for better hay quality and higher profits.

2 different models STC 2850 – STC 3300 ES are available in 2.85 – 3.30m cutting widths. A cutterbar design with wide discs to cut closer and cleaner.

Thanks to the combination of two double-acting rams, the mower pivots to both left and right. Each gear assembly can be individually removed for faster and easier maintenance.

Pull Type Disc Mower Conditioner

STC 2850



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Technical Specifications

Number of Discs	7 piece
Cut Width	2850 mm
Minimum PTO Power Requirement	70 hp
PTO Speed	540 d/dak - 1000 rpm
Weight	2050 kg



Disc Mower Conditioner

STM 2450



STM series disc mower conditioners include 4 different models ranging from 2.45m to 1.65m cutting widths.

STM disc mower conditioners deliver fast cutting and high-quality conditioning for higher-ranking hay quality and set formalisation.

This helps the farmers reduce transport times and optimizes cutting and conditioning when working in each field.

The modular design of the discs allows you to replace them individually.

Technical Specifications

Number of Discs	6 piece
Disc Conveyor	1 piece
Cut Width	2450 mm
Minimum PTO Power Requirement	60-80 hp
PTO Speed	540 d/dak - 1000 rpm
Weight	850 kg



Technical Specifications	STM 2005	STM 1650
Number of Discs	5 piece	4 piece
Disc Conveyor	1 piece	1 piece
Cut Width	2005 mm	1650 mm
Minimum PTO Power Requirement	50-80 hp	50-80 hp
PTO Speed	540 d/dak - 1000 rpm	540 d/dak - 1000 rpm
Weight	770 kg	670 kg

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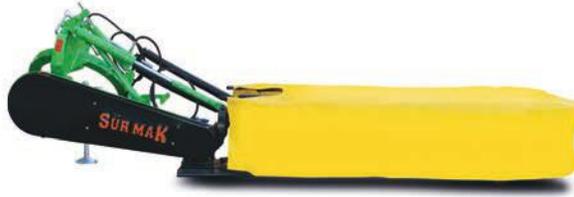
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 SÜRMAK STC 2850

ST 2850 - ST 2450 - ST 2005 - ST 1650



Technical Specifications	ST 2850	ST 2450	ST 2005	ST 1650
Number of Discs	7 piece	6 piece	5 piece	4 piece
Working Width	1.65 - 2.85 cm	1.65 - 2.85 cm	1.65 - 2.45 cm	1.65 - 2.45 cm
Cut Width	2850 mm	2450 mm	2005 mm	1650 mm
Minimum PTO Power Requirement	50-80 hp	50-80 hp	50-80 hp	50-80 hp
PTO Speed	540 d/dak - 1000 rpm	540 d/dak - 1000 rpm	540 d/dak - 1000 rpm	540 d/dak
Weight	580 kg	555 kg	500 kg	475 kg

3 different models, from 2.45 to 1.65m cutting widths, 3-point hitch mounting ST series disc mowers, handles tough conditions while delivering clean cutting performance, maneuverability, durability and overall value.

Automated spring system minimizes impact affects and helps to reduce all damages. The modular design of the discs allows you to replace them individually. When in transport, the mowers are folded to a vertical position well behind the tractor for safe transport.



STH 210 - STH 190 - STH 165



Technical Specifications	STH 210	STH 190	STH 165
Cut Width	2100 mm	1900 mm	1650 mm
Number of Blades	8 piece	8 piece	6 piece
Drum Speed	3000 d/dak	2500 d/dak	1920 d/dak
Min. PTO Power Requirement	50-80 hp	25 hp	25 hp
P.T.O Speed	540 d/dak	540 d/dak	540 d/dak
Weight	640 kg	435 kg	375 kg

Hydraulic drum mowers have various models ranging from 1.65m to 2.10m cutting widths. The working and transportation position can be adjusted. The tractor and drum mower remains well balanced, even during high speed road transport, and the machine is fixed during transport by the hydraulic lifting arm. Another benefit is that the hydraulic cylinder also supports quick lifting of the mower from working to headland position. It cuts the crops at requested height through cutters which are located on reverse rotary pulleys and it has 3 to 4 times powered work value compared to similar designs. The unique design feature allows the deposit of crops over ground on a regular basis. It is the only one in Turkey with 6 bolts joined lower discs without welding. The new blade key allows the change of blades easily and it is automatically locked in place and reliably secured.





Technical Specifications	ST 190	ST 165
Cut Width	1900 mm	1650 mm
Number of Blades	8 piece	6 piece
Drum Speeder	2500 d/dk	1920 d/dk
Minimum PTO Power Requirement	25 hp	25 hp
PTO Speed	540 d/dak	540 d/dak
Weight	420 kg	360 kg

Drum mowers have various models ranging from 1.90m to 1.25m cutting widths. It cuts the crops at the requested height through cutters which are located on the reverse rotary pulleys and it has 3 to 4 times powered work value than similar designs.

It is the only one in Turkey with 6 bolt joined lower discs without welding. The new blade key allows the blades to be changed easily and is automatically locked in place and reliably secured.

The unique design feature is planting the crops over the ground on a regular basis.

Drum Mower

ST 145 - ST 125



Rotary drum mowers have various models ranging from 1.90m to 1.25m cutting widths. It cuts the crops at the requested height through cutters which are located on reverse rotary pulleys and it has 3 to 4 times powered work value than similar designs.

The new blade key allows the blades to be changed easily and is automatically locked in place and reliably secured.

These mowers can be operated with smaller tractors starting from 40 hp. This means you save fuel and mow smoothly.

Technical Specifications	ST 145	ST 125
Cut Width	1450 mm	1250 mm
Number of Blades	6 piece	6 piece
Drum Speeder	1920 d/dk	1920 d/dk
Minimum PTO Power Requirement	25 hp	25 hp
PTO Speed	540 d/dak	540 d/dak
Weight	300 kg	275 kg



Garden Type Drum Mower

STB 190 - STB 165 - STB 145 - STB 125



Surmak garden type drum mowers are available with 1.25 - 1.90m. cutting widths. Ideal for all kinds of small fields and between trees .

They can use both sides at the front and behind the tractor. Canvas cover protects the machines from all kinds of small stones and foreign objects.

It is the only one in Turkey with 6 bolt joined lower discs without welding.

Technical Specifications	STB 190	STB 165	STB 145	STB 125
Cut Width	1900 mm	1650 mm	1450 mm	1250 mm
Number of Blades	8 piece	6 piece	6 piece	6 piece
Drum Speed	2500 d/dk	1920 d/dk	1920 d/dk	1920 d/dak
Minimum PTO Power Requirement	25 hp	25 hp	25 hp	25 hp
PTO Speed	540 d/dak	540 d/dak	540 d/dak	540 d/dak
Weight	335 kg	290 kg	240 kg	215 kg





Surmak STR 22 is high performance double rotor central delivery hay rakes offer working widths up to 8.30m.

They are designed for the rough field conditions and features a high performance 100% domestic production of gearbox and a strong carrier frame.

The hydraulically adjustable working and swath width and ability to make sharp turns are important features of these rakes. The Rake is extremely manoeuvrable and follows in the tractor's tracks.

Technical Specifications

Lenght	6,20 mm
Height	1,50 m
Transport Width	6,5-7,8 m
Working Width	3,00 m
Number Of Rotors	70-80 hp
Number of Rotors	2 piece
Number of Arms	22 piece
Tyres	12+4 piece
Weight	1720 kg



Technical Specifications	STR 11
Transport Width	165 cm
Working Width	400 cm
Tractor Power	65 hp
Number Of Rotors	1
Number of Arms	11 piece
Tyres	4 piece
Weight	650 kg

Surmak STR is high performance single rotor hay rakes offer working widths of 4.30m . With the option of pivoting, fixed three-point linkage mounting to suit all your needs.

The rakes have mechanical height adjustment via a crank, with the possibility of adjusting to the individual field conditions. For transport on the road, remove the arms and stow them on the space-saving holders.

The shape and length of the individual tines have a major influence on protecting the forage and keeping it clean during raking. 100% domestic production gear-box allows longer lasting performance and more durable than similar machines.

Pro Single Rotor Rake

STR 9 - STR 9 PRO



Surmak single rotor rakes offer working widths of 3.30m. With the option of pivoting, fixed three-point linkage mounting to suit all your needs.

The rakes have mechanical height adjustment via a crank, with the possibility of adjusting to the individual field conditions.

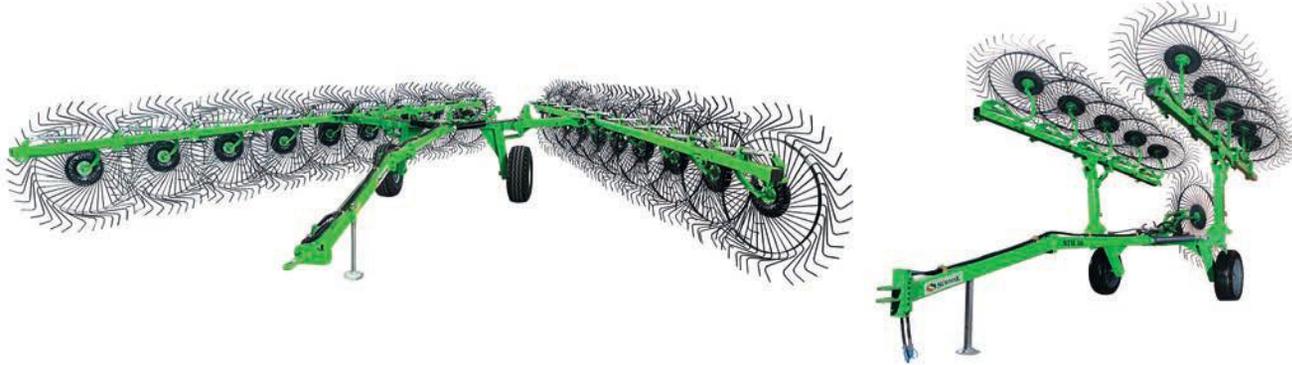
For transport on the road, remove the arms and stow them on the space-saving holders. Designed for use on low horsepower tractors, but it still delivers considerable working width. Proves to be a popular choice among haymakers.

Technical Specifications	STR 9	Technical Specifications	STR 9 PRO
Width in Road Position	1300 mm	Width in Road Position	1300 mm
Working Width	3200 mm	Working Width	3200 mm
Minimum PTO Power Requirement	45 hp	Minimum PTO Power Requirement	45 hp
Number Of Rotors	1	Number Of Rotors	1
Number of Arms	9	Number of Arms	9
Number of tyres	2	Number of tyres	4
Weight	394 kg	Weight	422 kg
Lenght	2500 mm	Lenght	2500 mm
Height	1500 mm	Height	1500 mm



Pull Type V Rake

STH 14 - STH 12 - STH 10 - STH 8



Surmak Models Pull type wheel rakes are available 4 different models in working widths up to 7.50m. Wheel rakes are built to handle high capacities.

Featuring quick, simple adjustments and heavy-duty construction ensures season after season of durability.

Each rake wheel has its own spring and adjustment chain enabling the correct pressure on the ground to be obtained regardless of the crop and type of ground.

Technical Specifications	STH 14	STH 12	STH 10	STH 8
Working Width	660-770 cm	600-710 cm	550-660 cm	460-580 cm
Transport Width	335 cm	260 cm	260 cm	240 cm
Minimum PTO Power Requirement	60-80 hp	60-80 hp	60-70 hp	50-70 hp
Number Of Wheels	14 piece	12 piece	10 piece	8 piece
Weight	1055 kg	730 kg	660 kg	600 kg

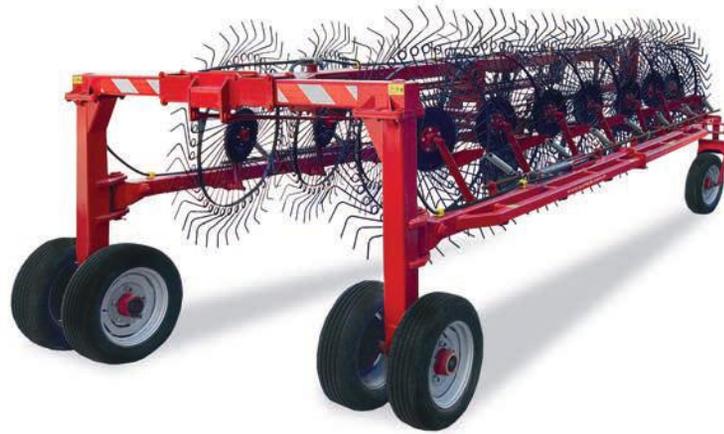


Technical Specifications

Lenght	1000 cm
Working Width	700 cm - 800 cm
Transport Width	200 cm
Transport Height	172 cm
Number of Wheel	10 piece
Weight	710 kg

STC-10 Pull Type Inline Wheel Rakes offer working widths up to 800cm. Hydraulic system allows moving quickly and easily from working position to transport position.

These Machine is easy to handle and transport. The spring on the each rake arm enables the rake wheels to adapt to extreme field conditions.



STC 14 Pull Type Wheel Rakes offer working width up to 850cm. The heavy duty frame, and wide space between wheels and tires allow customers to use this machine in wider and rough fields.

Each rake wheel has its own spring and adjustment chain enabling the correct pressure on the ground to be obtained regardless of the crop and type of ground.

The versatility of the wheel rakes make them suitable for harvesting grass, straw, corn stalks, sugar cane and sorghum.

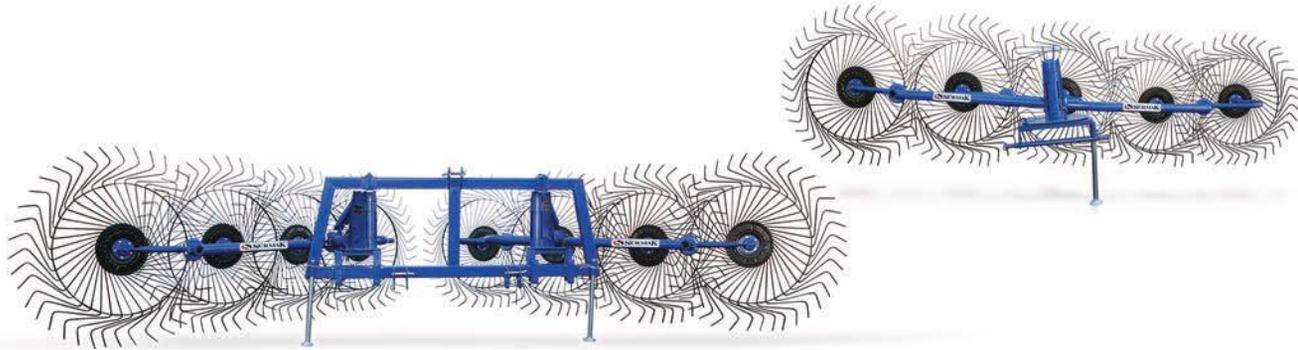
Technical Specifications

Number of Wheel	14
Max Working Width	850 cm
Transport Width	255 cm
Transport Height	240 cm
Weight	3080 kg



3 Point Hitch Hay Rake

ST 8 - ST 5

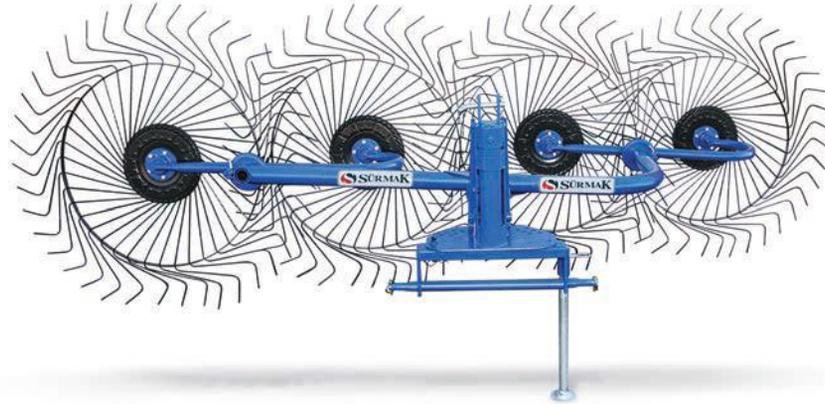


Surmak models acrobat wheel rakes have respective raking widths from 2.50m. to 3.50m. They connect to tractor with 3 point hitch system.

Also, springs system provides maximum performance in any condition.

The rakes can be adjusted easily and quickly. the lowest cost rake type because there is no power take-off.

Technical Specifications	ST 8	ST 5
Length	670 cm	530 cm
Working Width	520-610 cm	300-350 cm
Transport Width	300 cm	230 cm
Minimum PTO Power Requirement	20 hp	20 hp
Number Of Wheels	8 piece	5 piece
Weight	395 kg	200 kg



Technical Specifications

Length	425
Working Width	250-300 cm
Transport Width	140 cm
Minimum PTO Power Requirement	20 hp
Number Of Wheels	4 piece
Weight	160 kg

Sürmak models acrobat wheel rakes have respective raking widths from 2.50m. to 3.50m.

They connect to tractor with 3 point hitch system. Also, springs system provides maximum performance in any condition.

The rakes can be adjusted easily and quickly. the lowest cost rake type because there is no power take-off.





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