

User Guide and Maintenance of
Liquid Fertilizer Sucking and
Spreader Tanker

SY-SG 6T (6 TON) / SY-SG-10T (10 TON)



.....QUALITY IN PRODUCTION TRUST IN SALES.....

SAYGINLAR

Agriculture Machinery

ADDRESS :

Yesilyurt Distinct Gazlıgöl Road No:89

(03030)

AFYONKARAHİSAR/TURKEY

Tel : 0 272 229 37 23 – 25 Fax : 0 272 229 38 12

Fab : Organize Sanayi Bölgesi 1 Cad. 6 Sok. No: 02
AFYONKARAHİSAR

E-mail : info@sayginlarmakina.com
: www.sayginlarmakina.com
: sayginlar@gmail.com

ENTRY

About us

SAYGINLAR AGRICULTURAL MACHINES LTD.

Our company was founded by Hasan Hüseyin SAYKILI and his brother; S.Ahmet SAYKILI in 1984. The company has been providing agricultural machines and equipments for the city of Afyonkarahisar and around.

Even though the the company was founded in 1984, the real beginning of business is with the block-making machine in 1971. After the production of this machine we have started to make a lot of innovative machines in accordance with the demands and needs of the agriculture sector using technology.



INTRODUCTION

The variety of our products range from tractor cabins, tractor trailers, funeral services trailers, forklift carrier trailers, water and oil tankers, tractor mounted loaders, tractor mounted road sweepers, chisel ploughs etc. to feed mixing machines which are our main product range now. As a result of works that our R&D department has been conducting we have started to produce feed mixing trailer that both work with the help of a tractor and electricity since 2006. The capacity of these machines range from 0.80 to 16 m³ covering the needs of small and big ranges..

INTRODUCTION

Properties: It is produced as 6 and 10 tones which is adjustable to every pto-driven tractor. It is economical and it does not require any truck or tractor unit

The Areas of Usage: It is a versatile sprinkler which is used in firefighting, road and agricultural irrigation, emptying cesspool water, absorbing and distributing fluid fertilizer in farms.



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SLURRY TANKERS

Model 1: SY-SG-6T (6 TONES)





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Model 2: SY-SG-10T (10 TONES)



The Slurry tanker suck the fertilizer where is in the pool of comost with aid of the hose which is on the tanker and The tanker spreades with same hose by going the field and squirting with pressure.The pump engine has been operating via tractor pto shaft.

Specifications

Technical Properties: 10 Tones

Properties:	Size	Amount
Maximum Length	mm	6880
Maximum Width	mm	1980
Maximum Height	mm	2920
Capacity	tones	10

Technical Properties: 6 Tones

Properties:	Size	Amount
Maximum Length	mm	5470
Maximum Width	mm	1900
Maximum Height	mm	2900
Capacity	tones	6



Lubricating and Lubricant features

CAUTION!!!

**BEFORE OPERATING THE TANKER, PLEASE
LUBRICATE THE REQUIRED PARTS OF
TANKER!!!**

Fill the store of lubricant with 10W lubricant. The amount of the lubricant is variable according to store size between 5L-12L. Vacuum pump obtains required lubricant spontaneously.

If the lubricant doesn't add This cause to brake the pump down and This situation excludes from warranty conditions.

Suspension and axle must be lubricated with Grease.

This lubricating will reduce the friction and eroding. To lubricate you need to pump oil to lubricators where exist on axle and suspension.

WORKING SYSTEM

The Tanker is machine which spreads the liquid compost wherever stored or homogenized by separator in the hole or compost bore to field. The power which has been obtaining from tractor shaft is transferred to vacuum pump. The time when the fertilizer will be filled, the pump is sent to tanker inside and thus tank can be filled due to vacuum. The time when the fertilizer will be spreaded then positive pressure is sent to tank inside. The fertilizer is spreaded to field by opening the valve via hydraulic controlled which exist rear of tank. Also with aid of this valve feeding flow can be adjusted. On the machine ; vacuum pump, lubricant store, valve of direction control, safety store, buoy and sucking indicator is available.

Vacuum type is oily-palette. There are 4 pieces palette which has been produced by fiber and carbon materials and which has been settled on the rotary and lubricated type vacuum pump's vessels and These pallets touch to stator under influence of centrifugal. With aid of mounted lubricant store It has been lubricating from 2 points.

After tank is full The buoy will stop to vacuum flow and prevent the compost to go to the pump despite this, you need to check the indicator of filling and immediately end the filling process after completing sucking process. There is substitute safety store in size of 80L for possible over flow which has been produced by steel material.

This is slurry tanker therefore the compost must be liquid sufficiently. If not, you need to add water or the compost must be mixed and homogenized with a compost mixer if there is a separator. This process will be easier.



Modern Farm and Manure Bore



Working Manure mixer

After manure becomes liquid sufficiently, get the slurry tanker approached to the manure hole via tractor.

To suck, please insert the hose to the manure pool up to 3-4m.

After taking required precautions, get operated the tractor shaft and begin to sucking process. Follow the indicator the sucking process for safe. Fulfill the instructions for usage carefully below.



Usage Instructions

Fulfill the instructions below respectively....

1-) Link the shaft of the tanker to tractor pin.

Operate tractor shaft in 540 rpm/minute.

2-) Open the valve which is on the lubricant store up to quarter circuit,

3-) Bring valve on the pump towards sucking direction.

4-) Keep operating till sucking pressure become 400bar (sucking indicator)

5-) Sucking, throw the hose in the compost pool and open the sucking valve when sucking bar is 400 bar (check sucking indicator on the tanker).

6-) Pay attention sucking indicator to not to exceed 400bar

7-) Check out whether tank is full or not via rear top indicator and shut the sucking valve and stop tractor shaft.

8-) In order to empty, open the valve on the pump toward pressure position.

9-) Open the compost spreader wings (to emptying without spreader wings, emptying from sucking valve)

10-) Open the valve from which one you will empty while machine handle is active.

11-) Dont operate the tanker while lubricant level is low.

12-) Please control the tyre bar while tanker is full.

13-) Check out axle bolts and suspension links concerning they are tight.

14-) do lubricant maintenance periodic

15-) dont suck the dung unless make it liquid sufficiently or without mixing.

16-) Important: The tanker cant fill or suck if valves are open and if there is air leak and if lubricant doesnt reach the vacuum pump.





Instructions of Carriage and Shipping



1. The tanker must be transported with help of tractor or winch after loading for carriage it must be fixed and lashed. It can't be loaded by human power certainly and this kind of crushes can't be included warranty.
2. All kind of protection and precaution must be taken for carriage damage.
3. While transporting the tanker maximum speed 20km/h.
4. Human or animal cannot be carried with this tanker.
5. During shipping Shaft has to be taken out and spreader wings must be folded.

CAUTION!!!

- 1 Dont operate without lubricating.
- 2 Keep away 5m from tanker during tractor shaft is working.

- 3 Warn all people to stay away from tanker.
- 4 Dont climb the tanker while it is working.
- 5 You need to wear free and comfortable clothes while you work.
- 6 Check out bar indicator during working and if it reduces,start to work from beginning.

***CAUTION: OUR COMAPNY IS NOT RESPONSIBLE FOR ANY MALFUNCTION AND WOUNDING
BECAUSE OF CARELESS USAGE***



CAUTION AND INSTRUCTIONS FOR HUMAN AND ENVIRONMENT HEALTHY



CAUTION

TOUCHING TO ROTARY SHAFT MIGHT CAUSE SERIOUS INJURY EVEN DEATH.FULFILL ALL RECOMMENDATION AND INSTRUCTION

- TAKE OUT THE KEY OF IGNITION AND STOP THE ENGINE WHILE YOU CLEAN,REPAIR AND LUBRICATE THE TANKER
- Dont take off covered conservation sheath on the shaft. During linking process stop the tractor and take out key of ignition.

- Take precaution agaist overturn during keep driving
- Dont operate the tanker without safety parts which was given with machine and dont detach thisn parts from machine

CAUTION!

Changing spare parts might cause serious injury and death unless required precautions dont take!

PERIODIC MAINTANENCE

ALL PERIODIC MAINTANENCE WILL BE PROVIDİNG BY CONSUMER

CONTROL LUBRICANT LEVEL IF REQUIRED ADD ENOUGH LUBRICANT

1. Change all eroded parts or contact tech service
2. Press oil all lubricators





- Stop the engine while lubricating and adjusting
 - Plastic sheath of the shaft must be changed when it is eroded.
 - Dont stand between tractor and tanker Dont insert unknow metarials to tanker

WARRANTY CONDITIONS

- This product is in scope of 2 years warranty against manufacturing failures.
 - Maintenance time is included warranty time. Maintenance time is maximum 20 days. This date starts after we received the product.
 - All mistakes from us will be fixed free and We wont demand wage at all (manufacturing and assembling failures)
 - The working parts can be eroded and they arent excluded warranty
 - All defect and deformations from usage failures is excepted from warranty
 - Service will be providing in our factory
 - For intermediate goods Our supplier warranty are valid
- Product;**
- For all conflicts Authorized competent is Turkey Ministry of Science and Technology

SELLER	Name	
	Adress	
	Phone	
	Invoice no	
	Date-signature-stamp	

WARRANTY DOCUMENT

THIS DOCUMENT HAS BEEN PREPARED IN FRAM OF TURKISH CUSTOMS LAWS NUMBERED 12TH CLAUSE



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Belge Numarası :

Belge İzin Tarihi :

İMALATÇI veya İTHALATÇI FIRMANIN	ÜN VANI	SAYGINLAR TARIM MAK. OTOM. İNŞ. MALZ. GIDA SAN. VE TİC. LTD ŞTİ
	ADRESİ	GAZLIGÖL CAD. NO:59 MERKEZ/AFYONKARAHİSAR
	TELEFON	(0272) 229 37 23-25
	FAX	(0272) 229 38 12
	AUTHORIZED PERSON SIGNATURE-STAMP	

BUYER	PRODUCT	
	BRAND	SAYGINLAR
	MODEL	
	BANDROL ve SERİ NO	
	DELIVERY TIME	
	MAINTENANCE TIME	20 DAYS
	WARRANTY TIME	2 YEARS



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DiĞER ÜRÜNLERİMİZ



8-10 TONLUK ÇİFT DİNGİLLİ
DAMPERLİ RÖMORK



JUMBO KASA RÖMORK



ÇİFT DİNGİLLİ 4-5-6-8-10 TON
GERİYE DEVİRMELİ RÖMORK



SIVI GÜBRE EMME VE
DAĞITMA MAKİNESİ 6-10 TON



SU TAŞIMA TANKERİ



YOL SÜPÜRME MAKİNESİ
(SULAMA VE İLAÇLAMA SİSTEMLİ)



KATI GÜBRE TAŞIMA VE
DAĞITMA MAKİNESİ



YEM KARMA VE DAĞITMA
MAKİNESİ



KÜLTÜVATÖR (KAZAYAĞI)

FABRİKAMIZ



SATIŞ ŞUBEMİZ



SAYGINLAR[®]
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www.sayginlarmakina.com

info@sayginlarmakina.com | sayginlar@gmail.com

ürününüz bol kazancınız bereketli olsun...

Merkez: Gazlıgöl Yolu Üzeri No.59

Tel: 0 (272) 229 37 23 - 25 **Fax:** 0 (272) 229 38 12

Fabrika: Organize San. Böl. 1. Cd. 6. Sk. No:2

AFYONKARAHİŞAR/TÜRKİYE