

Organic manure's contribution is an undeniable fact in the field. Çelikel®'s manure management machines are equipped with special hardware in order to maximize the benefit from the manure.

Animal fertilizers are valuable sources that –if used correctly– can replace chemical fertilizers. But if animal fertilizers are not managed very carefully they become a source of smell and emission, they lead to loss of nutrition and a threat to ground waters. In order to execute the manure management successfully, Çelikel® designed Crafter®, Cruiser® and Scud®.



*Crafter & Cruiser*

# RCRAFTER



# Cruiser

**If your heart does not race when you look at CRUISER®, call a doctor! Most definitely your heart stopped beating!**

More pressure with each gallon, more progress with each decare! Presenting the new machine of Çelikel®, CRUISER®! You are no longer alone with your battle for productivity!

Çelikel® focuses on finding solution for any possible problems that our clients might have. One of the major problems of the businesses' animal manure was solved with Scud®. Due to carbide plated auger system and specially designed strainer Scud® makes it easy to separate manure. With manure acid-resisting Scud® you are in charge of manure management.



Cruiser®'s pump is reliable and durable so it guaranties a long lifespan while doing all these works. It is equipped with a warning system with flashing lights to prevent potential work accidents. The warning system is placed on top of the CRUISER® so it is clearly visible at night.

Using organic manure in the field increases the efficiency. You can see how Cruiser® is serious in performance via pressure and vaccum indicators which will make it easier to use liquid fertilizers in the field! Cruiser®'s perfect pump intake and pressure power makes it easy to fill the tank. After filling the tank you may easily fertilize the field.



# MANURE MANAGEMENT MACHINES

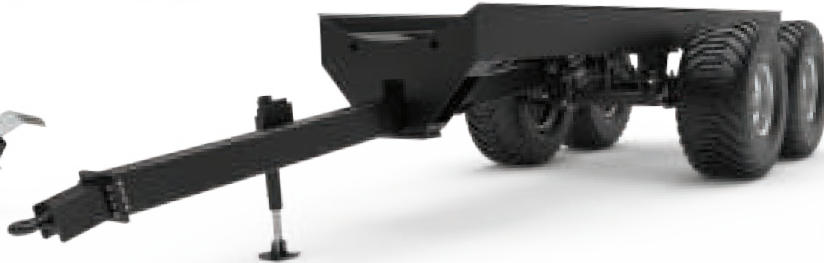
We offer the best solution for customer with problem solving machines; we are changing the rules of the game with original agricultural solutions in Turkey and around the world; we design the machines of the future by recognizing potential needs. Almost everyone is

trying to make machines but only Çelikel® is doing it differently. CRUISER® is a confidence crushing machine for its competitors with overwhelming desing, superior features! More pressure with each gallon, more progress with each decare!



**EXPORT**  
VACUUM PUMP

**EXPORT**  
GUILLOTINE VALVE



## ■ SPREADER

Çelikel Cruiser® is designed to spread liquid by using special angled manure plate. Cruiser's spreading distance can be extended up to 65 meters due to the optionally designed centrifugal pump, which has been designed for tough field conditions and upper spreading.

## ■ STRONG CHASSIS

A chassis specially designed by Çelikel engineers, supporting a robust Cruiser® body and minimizing fluid movement in the tank, forms the backbone of the machine.

## ■ FLOAT

Safety is maintained at the highest level in the Cruiser®, and the dual float system prevents liquid from damaging the pump. At the same time, a double float system has been installed to prevent overflow that can happen during the filling process.

# CRUISER

IN A CLASS BY ITSELF.

## ■ PRESSURE AND BAR GAUGES

The pressure and bar indicators used in the CRUISER® make the machine easier to use, allowing the user to start irrigation and vacuuming processes on time. When the pressure gauge shows 1 bar, it means the machine is ready to spray, and when the pressure gauge shows 200 mm / Hg, the machine is ready to vacuum.

## ■ SCISSOR AXLE STRUCTURE

The Crafter® uses a scissor shaft, which allows flexible operation and minimum pressure on the tractor. The scissor shaft of the Crafter® type is designed so that you can easily use the machine in dented, mounchy fields

## ■ WARNING LAMP

The machine is equipped with flashing lights to prevent potential work accidents. The warning system is placed on top of the CRUISER® so it is visible at night and dark working conditions.



## ■ WAVE BREAKER

There is a wave breaker system inside the tank of Cruiser® to prevent the liquid from sudden lumping, foaming or upheaval. Thanks to this weight balance inside the machine the threat of rolling over is eliminated.

## ■ WIDE TYRE

The best time for getting the most of the organic manure is winter and spring when the field and weather conditions are the most challenging. For this matter in Cruiser® manure spreading trailers we used wide and durable tyre to increase the range of movement and maneuver ability.

## ■ SUSPENSION

With the Cruiser®, Çelikel® engineers developed a robust suspension system that can endure tractor overloads. In this system, deformations that can occur during sudden starts and stops are prevented by transferring the load to the suspension springs in the drawbar.

<b>—CRUISER—</b> <small>IN A CLASS BY ITSELF</small>	<b>CRUISER Z5</b>	<b>CRUISER Z10</b>	<b>CRUISER Z20</b>
LENGTH	5880 mm	7670 mm	9500 mm
HEIGHT***	2651 mm	3045 mm	3345 mm
WIDTH***	2150 mm	2617 mm	2525 mm
WEIGHT***	1914 kg	2940 kg	5500 kg
LOADED WEIGHT	8900 kg	14740 kg	28500 kg
WORKING WIDTH *	14 - 20 m	16 - 25 m	16 - 30 m
CAPACITY	5000 lt.	10000 lt.	20000 lt.
MINIMUM POWER REQUIREMENT**	40 kW/55 hp	52 kW/70 hp	82 kW/110 hp
PTO REV	540 RPM	540 RPM	540 RPM
WHEEL SIZES	400/60-15,5	550/60-22,5	550/60-22.5
THE NUMBER OF WHEELS	2	2	4
AXLE SYSTEM	With Brake	With Brake	Tandem Scissor
ROTATING AXLE SYSTEM	-	-	Optional
HYDRAULIC BRAKE SYSTEM	Standart	Standart	Standart
WARNING LIGHTS	Standart	Standart	Standart
EXTERNAL FILLER CAP	Standart	Standart	Standart
HYDRAULIC SPREADING VALVE	Standart	Standart	Standart
MANUEL SUCTION VALVE	Standart	Standart	Standart
HYDRAULIC SUCTION VALVE	Optional	Optional	Optional
VACUUM SAFETY VALVE	Standart	Standart	Standart
PRESSURE SAFETY VALVE	Standart	Standart	Standart
MANURE SEPARATOR TANK	Standart	Standart	Standart
INTERIOR TANK SAFETY VALVE	Standart	Standart	Standart
HYDRAULIC JACK	Standart	Standart	Standart
LOADING POSITION FRONT LEFT	Standart	Standart	Standart
LOADING POSITION BACK	Optional	Optional	Optional
PUMP****	Import (Battioni Pagani Mec 8000), Import (Moro Kaiser Air Pm 60)	Import (Battioni Pagani Mec 8000), Import (Moro Kaiser Air Pm 70)	Import (Battioni Pagani Mec 13500)
GEOMETRIC PUMP CAPACITY ****	7000 L/min	8000 L/min	
SUCTION DEPTH *	6 M	6 M	6 M
AUTOMATIC LOADING	-	Optional	Optional
AUTOMATIC LOADING FIXED PIPED	Optional	Optional	Optional
LOW LEVEL SPREAD (FOR AREAS WITH TREES 4 inch height)	Standart	Standart	Standart
LOW LEVEL SPREAD (FOR AREAS WITH TREES 6 inch height)	Optional	Optional	Optional
CONE SPREAD (FOR AREAS WITHOUT TREES 4 inch height)	Standard	Standard	Standard
CONE SPREAD (FOR AREAS WITHOUT TREES 6 inch height)	Optional	Optional	Optional
DOUBLE CONE SPREADER	Optional	Optional	Optional
SPREAD PIPED (9-12-15-18-21-24m)	Optional	Optional	Optional
SLIDING PIPED SPREAD BOW (9-12-15m)	Optional	Optional	Optional
UPPER SPREADER	Optional	Optional	Optional
UPPER SPREADER RANGE (45° - 5 BAR)*	40 - 60 m	40 - 60 m	40 - 60 m
ÜST ATICI AYARLANABİLİR AÇILI	Optional	Optional	Optional
HİDROLİK ÜST ATICI YÖNLENDİRİCİ	Optional	Optional	Optional
HİDROLİK ÜST ATICI VANASI	Optional	Optional	Optional