

PLEASE DO NOT RUN THE MACHINE BEFORE READING THE USER GUIDE



-tinaz
TARIM ve SANAYİ MAKİNALARI TİC. ve SAN. A.Ş.

**ROTARY DRUM MOWER (165)
USER GUIDE**



MODEL: ÇB 04 -02

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Balıkesir/TURKEY

Trade Register : 6109

Industry Register : 241

PLEASE DO NOT RUN THE MACHINE WITHOUT HAMMOCK!

AT DECLARATION OF CONFORMITY

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We, as manufacturing Company :



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We declare that we manufacture the following product/products appropriate to the determined standards(or related documents) which shall meet the require instruction/instructions as numbered 2006 /42 / AT

Information about the product :

Type/Model	ÇB 04-02
Serial Number	
Production Years	20....

The appropriate instructions of the product features: Related documents, standards.

- INSTRUCTION "Machine Instruction" 2006 / 42 / AT

Standard: TS ISO 11684

General Manager

Hüseyin FİNİŞ

Balıkesir

1-THE PREPARATION OF DELIVERY

A- THE MOST IMPORTANT SUBJECTS DURING THE CARRYING AND TRANSPORT

Rules for unloading/loading: The unloading and loading procedures must be done by transporters owing to the weight of machine.

Rules for transport: The machines must not be piled top of the other on the transportation. They must be fixed during the transport. The material sending pipe must be taken out. While being transported, the machines must be protected from rubbing and hard strokes. The necessary certain and fixed ingredients must be used to be protected from these during the transportation of machines.

B- THE MOUNTING OF MACHINE

Rules for mounting: The machine is tied to behind the tractor with three points connection order. Tractor is brought near the machine on the smooth floor with the back manoeuvres. The left underside connection handle, the right underside connection handle and the top connection handle are respectively attached for the unregulated underside connection handle. The sides of tension must be completely pressed. Later the shaft connection is realised and controlled on the hydraulic position. If it is necessary, the shaft must be shortened from its inside and outside parts in the same level. After the shorten burr's must be taken and the slippery surfaces must be lubricated grease, in the same way, the shorten procedure must be done under the shaft protection. The shaft distances must be minimum 5 cm, maximum 10 cm (The hydraulic front choice handle of tractor must be "position control")

2-USING

A-THE INTRODUCTORY AND FUNDAMENTAL INFORMATION ABOUT THE FEATURES OF MACHINE

The definition of machine: The tractor, getting motion from shadow axis, being a hanging mowers with independent knife.

The working security of mower is supplied with the using spring press security order in this type machine. In addition, springy security conception exists on the base axis of the machine that the motion is sent with the axis from the shadow axis of tractor.

The transmission of motion: By being taken from its own shadow axis, in hoop at first and then in gear box, it's transmitted to rotary axis that knives exist on motion increasing period.

The top part of rotary is tied to gear box in a fixed way. Rotaries constitute a heap after cutting the material by turning towards inside and opposite each other.

The order mowing: Every tambour has six knives in total on the point of three each. Changing of them is supplied with a simple device used for that.

WARNINGS ACCORDING TO THE SITCATIONS THAT CAN BE HARMFULL OR DANGEROUS TO THE HEALTH OF THE HUMAN BEINGS OR TO THE ENVIROMENT DURING USEGE:

General Safety Cautions:

CLOTHES	Use proper work cloths. Don't use fluttering clothes, such clothes can be seized by the spinning or moving machine parts.
TRACTOR	<p>-The tractor which has the trailer mounted must be driven by on experienced, trained driver who has a driven .</p> <p>(F) Class driving licence.</p> <p>- Exhaust gas is poisonous. For this reason the tractor must not be worked at closed places.</p> <p>-Take care that the person, driving the tractor that the machine is mounted, being a qualified and experienced, educated driver.</p> <p>-Exhaust gases is poisonous. So it must not be worked in inconvenient and closed areas.</p> <p>-While it's working, don't put your foot on the clutch pedal continually. The clutch pedal isn't an area that the foot is to be held.</p> <p>-Give motion to it by grabbing softly the clutch. The sudden and hard departures cause dangerous crashing out and ramp especially while driving to uphill or pulling load.</p> <p>On gear while driving to downhill.</p> <p>-Don't get on and get down from it while working.</p> <p>-Make sure if brake pedals are connected each other (if the latch of brake is attached.)Otherwise it is winnowed dangerously while braking.</p> <p>-Expect for driver, one or several passengers must not be moved if it isn't equipped with areas for setting while it's working.</p> <p>-If it's necessary, the front and back heaviness's of tractor must be attached to it.</p> <p>It's always used with its own security frame make sure by occasionally controlling the security frame whose connections isn't complete, cracked and broken.</p> <p>-In the hot weather, while working under the sun, don't completely fill the fuel depot with heat, the widened bulk fuel can be oar flawed. Every occurred leak ape is instantly cleaned and erased.</p> <p>-Don't attempt to work the tractor and manoeuvre before sitting the driver's armchair.</p>
SHAFT	-When the engine of tractor is closed, don't work the PTO SHAFT

1-GOING TO WORK AND TURNING BACK

TRAFFIC	Obey to the traffic rules, and get all safety precautions. Obey to the safety driving and accident prevent procedures.
MACHINE	The other people must not be sat on it when going to or returning from field even working at the field.
TRACTOR	<p>-Completely stretch the side chains of tractor hydraulic handles when going and returning.</p> <p>-The three points connections security pins must be a attached hydraulic must be locked. The shaft of connection must be dismantled.</p> <p>-Don't forget; the machine, tied to tractor will change its some functions(the distance of brake the dominance of steering-well, the centre of weight etc)</p> <p>-Take slowly bent and cavities when going and returning especially for the hanged machine .</p> <p>-Control the pressures of wheel before setting cut.</p>

BEFORE STARTING TO USE...

TRACTOR	<ul style="list-style-type: none"> -Tie the machine to it that the order of the hydraulic lifted and in a convenient draw power exists. -Your machine and the three points hanger order category of the tractor must be similar. -Pull the hand brake and un gear before tying the machine to tractor. -Nobody must be found between the machine and the tractor while the machine is being tied to it. -Start the working after you've taken the whole security measures for the machine and tractor. -Be careful of the region that hydraulic lifted handles work. This region is dangerous.
SHAFT	<ul style="list-style-type: none"> -Close the engine of tractor while attaching the moving-headed shaft to machine and tractor or dismantling. -Take care that the moving –headed shaft is attached correctly. -Attach the locked –chain to the protective of the moving-headed shaft to prevent its turning. -The angle of the moving – headed shaft, attached between the shadow axis of tractor and the machine, must not be much more than 10 degrees. -Be careful of greasing the shaft. in time. -Be careful of the covering portion of shaft it is 15-25 cm till 1meter.If it is short ,the handles can leave from each other, shaft can creak. -When the shadow axis stop clean and grease the moving-headed shaft while the engine is closed. -Mounted the protective cover of the shadow axis when removing the moving-headed shaft between the machine and tractor. -Certainly the transmitting motion of shafts aren't used as a step.
ENVIRONMENT	<ul style="list-style-type: none"> -Take care that the other people especially children and pets must not be found around the machine before working the tractor and machine and take the measures to see easily the vicinity. -The land difficulties must be eliminated by being careful with obstacles like root of the tree and leftovers like rag, nylon etc. -Nobody must not work at the rocky field.

WHILE WORKING.....

MACHINE	<ul style="list-style-type: none"> -Stop the machine and the motion of the shadow axis if on abnormal sound heard of while working. -Don't handle the moving and turning parts by any means. -Your machine is produced as the maximum 540 period/minutes shadow axis. Be careful with that. Don't work higher period. -Wait that the elements of machine completely stop before you touch them. -The containing working degree of machine ,the working period etc. limits must not be forced. -Don't enter between the tractor and machine while the tractor is working, the moving – headed shaft is turning, the hand brake isn't pulled, wheels are out of wedge. -Don't put the heaviness and remove the people on the machine ,don't enter your hand in to the machine while working.
TRACTOR	<ul style="list-style-type: none"> -Don't leave near the driver at any time while working -Be careful of capsizing dangerous while working on the rough grounds. -Take the measures to prevent the dangers, occurred from the changing of the weight centre, while transporting and emptying. -Don't manoeuvre back while working.
SHAFT	<ul style="list-style-type: none"> -Take care that the moving – headed shaft is turning. -Continually control the moving –headed is shaft and its protective. -Keep away from the articulation area while the engine is working. -Cut the motion of shaft at the hard bend.
ENVIRONMENT	<ul style="list-style-type: none"> -Certainly don't approach and bring anybody near the machine while it's working.

AFTER THE WORKING

TRACTOR	<ul style="list-style-type: none">-Take down the machine tied to hydraulic before leaving the tractor. Pull the hand brake after closing the engine Take the car key.-Repair the settings of machine only when the engine stop and wheels are on wedge the tractor key must be your side before starting the upkeep, adjustment and repair.-Make sure that the equipment, attached to the back of tractor, take down completely before leaving it when turning from the work.-If it's possible, Park the tractor in a smooth area, and take one of the gear's at this situation and pull the hand brake. If you park it in a rough area, take the first gear for uphill the back gear for downhill and pull the hand brake for every two of the situation. Especially if the trailer is attached to it, put a wedge on wheels for being more secure.
SHAFT	<ul style="list-style-type: none">-The connection of shaft must be dismantled.

THE NECESSAARY FORE-PREPARATIONS, SETTINGS FOR USING AND THE OBLIGATORY RULES :

THE MACHINE:

The changing of cutting knives must not be lacking. Perpetually the some length of the knives must be used. Other wise the Balance can be broken down. Make a clutch at tractor slowly while giving motion to machine .Accelerate completely the cutting knives. The speed of going is depend on product and the field situation.

THE CHANGING OF CUTTING KNIFES:

The corroded knives are changed easily with the uprooting and attaching of key. While the knives are being removed several the uprooting and attaching of key must be lifted. Until the certain pin of the knife is free. While attaching a new knife take care that the cutting point is below. Replace the key after the work is finished.

THE TIGHTNESS SETTING OF V-STRAP:

When the tightness of V strap is correct ,it will be 10-20 mm distance from the twisted lama to sole. If this distance is more open it is adjusted by nuts on spring.

V-strops are often controlled if a strop is broken the whole V-strops must be changed as a team machine is left as loosening V-straps at the end of the end of the mowing session.

THE ORDER OF SECURITY:

The springy security clutch exist on the order of the spring pressure security and the base axis of machine.

THE TECHNICAL SPECIFICATIONS

(the uncertain measurements are millimetres)

The total length of machine	
At the work /the road situation	850/2860
The total width of machine	
At the work /the road situation	2900/980
The total height of Machine	1340
The work width of machine	1520
The diameter of the first V-strop(\emptyset)	266
The diameter of the second V-strop(\emptyset)	181
The measurements of the V-strop	17x2850
The number of the moving disc of machine	2
The number of the cutting knives number machine	6
The cutting knife's	
Length	105
Width	46
Thickness	3
The number of the connection hole(\emptyset)	21
The number of the used conical toothed double in machine number	3
The weight of machine(kg)	420

THE STANDARD NUMBER

THE KNOWLEDGE OF PERIODICAL UPKEEP,THE OBLIGATORY RULES THE TIME SPACES OF UP UPKEEP,WHO THE UPKEEP IS TO BE DONE BY:

The Connection Elements Control the Tightness	
Depot ,Safe	Clean the stranger substances in the machine
The Toothed Box	Control the grease in it every one of the 50 hour(SEA 90)
Nipple's	Grease the nipple found in the shaft and machine (After daily working)
Knifes	Control the knives. Stone the blunt knives if it's necessary, change them straighten the crooked knives. Don't use the lacking or broken knives.
The order of hydraulic	Control the grease leakage

SPARE PARTS ORDER SYSTEM:

While ordering any spare part of the product, please follow the steps below and give us information with this method.

- 1- Type of product
- 2- Code number of the product
- 3- Catalog Rank No
- 4- Assembly number of the order spare part
- 5- Name of the spare part ordered
- 6- Amount of the spare part ordered