

GENERAL SECURITY

Any transportation, installation, removal and maintenance operations, use before this use and maintenance manual carefully read together with the security alert. In this guide, the instructions given in the machine uses for stringent environmental protection and accident prevention rules. (for example, helmets, shoes, gloves, safety belts, equipment, such as personal protection equipment).

USERS NEED TO CONFORM TO THE

Single & dual front platform installation, disassembly and maintenance must be carried out only by persons trained and experienced.

Allow users to be informed and must conform to the issues;

- The dangers arising from the use of the machine; in case of danger will be applied to procedures, rules, instructions and first aid
- Needs to be done on the machine to work safely on a regular periodical maintenance of the machine controls;
- The possible glitch in the machine and change the Elimination of
- The electrical connections are correct needs to be done in terms of security
- Since its inception, the machine is clean and free of obstacles of the field
- Installation and suitability of the installation
- The user of the machine the machine can be used as long as it is running perfectly. The machine will be seen in cases where any deficiencies, malfunctions, etc. should not be run on the machine. About user state machine must notify an authorised company personnel.
- Danger and warning signs attached to the machine and the construction site must be followed meticulously;
- The user of the machine, the machine in the work area must be sure that there are no unauthorized persons.
- Helmets, gloves, shoes, all personnel safety belt, like the rope of life are required to use personal protection items. Halatının rope length of life; Board at least 5 meters height of front platform has to be long.

DISCLAIMS LIABILITY FOR EXEMPT CASES

Our company for damages arising from the use of the machine in the wrong or uymamaktan to the instructions in this guide will be born is not responsible for inaccuracies.

- Abuse of the machine.
- The use of Unqualified personnel.
- Provisions for safety and health at work in force they use.
- This guide to show compliance to the instructions set out in part. Have not been approved by the manufacturer to make repairs and additions.
- Non-genuine parts or in this manual, the use of which is different from the designated replacement parts.

Our company is one of the above reasons and/or disclaims all liability for any damages. The machines out of warranty coverage.

This guide PLATFORMSAN MAKİNA VE YAPI SİS. İÇ VE DIŞ TİC LTD STI, and may not be reproduced without written authorization, may be reproduced in whole or in part, cannot be given to a third party.

WARRANTY

The manufacturer's warranty, the duration of the platform the next date of delivery is valid for one (1) year and in a limited way, according to the idea of completely changing the wrong parts of the manufacturer.

Warranty is always and only covers goods that are delivered from the factory and any other supply scope.

This guarantee loses validity and in cases where the manufacturer does not accept any responsibility:

- The user, without written permission of the manufacturer any piece or accessory if removed from the machine and still without any parts or accessories from the written trace is added,
- Attention in the implementation of the instructions for the machine and from no damage,
- Contrary to the instructions Given and use by unauthorized persons,
- Incorrect Installation and/or have made unskilled persons,
- Worksite electrical supply in the event of defects, defect that fluctuations,

In all cases, the warranty is limited to the specified error and does not apply in cases of natural wear or improper use. Warranty does not cover the electrical parts of the machine. In the case of any legal dispute T.C. Ankara courts.

	C-2500		C-3000	
	SINGLE PLATFORM	DOUBLE PLATFORM	SINGLE PLATFORM	DOUBLE PLATFORM
Maximum load (*)	1,250 KG.	2,500 KG.	1,500 KG.	3,000 KG.
Maximum width (*)	10.23 mt.	29.39 mt.	10.17 mt.	30.48 mt.
The number of people allowed	2	4	2	4
Platform Width	1 mt.		1.32 mt.	
Extension length of the profile	1 mt.		1.32 mt.	
Maximum height	150 mt.			
Connection Height (Ankrajsız)	6 mt.			
The height of the mast (band)	1.5 mt.			
Rate of climb	8 mt independent			
At the time of use maximum wind speed	35 kilometer (s) from/h.			
The Assembly phase maximum wind speed	25 kilometer (s) from/h.			
Platform extensions of Max. You can change open	70 cm	70 cm	90 cm	90 cm
Motor power	2 x 2, 2 kW	2 x 2 x 2, 2 kW	2 x 2, 2 kW	2 x 2 x 2, 2 kW
The Current (Insurance)	16 A	25 A	16 A	25 A
The voltage requirements	380 V.			
Working Voltage	24 V.			

(*) See the table of usage and load

Façade Platforms Security Equipment:

- ❖ Electromagnetic braking system electric motor
- ❖ Voltage and phase are in distress-protected electrical surge Board
- ❖ Upper limit switch
- ❖ The lower limit switch
- ❖ Safety switch
- ❖ Mast (Colon) switch
- ❖ Door switch
- ❖ The scales switch
- ❖ Mast protection apparatus
- ❖ Electric motors on the emergency landing system (manual lever)
- ❖ Parachute braking system
- ❖ Motor protection relay
- ❖ Phase protection relay
- ❖ Emergency stop
- ❖ Acoustic audio warning system
- ❖ Non-rack and pinion gear and switch-protected red-colored final mast

Facade Platform Definition:

Various buildings and structures, cladding, maintenance – repair, **coating**, paint and plaster used in any front, material moving, rapid deployment with workers of the comfortable and fast operation, and an increase in work efficiency and speed the benefits of a Front Platform to provide, you can use the machine safely, thanks to the high work safety system. Electric motor drive system, pinion shaft located on the mast (band) by means of **rack and pinion gear on the** vertical mobile work platform. With custom extensions (permitted according to the machine model) in the different indentations and protrusions provides access to the farthest distance.

SINGLE PLATFORM:

Rack and pinion gears mounted on the mast (colon) and electric motor driven by targeted pinion, working with one main unit contains a work platform.

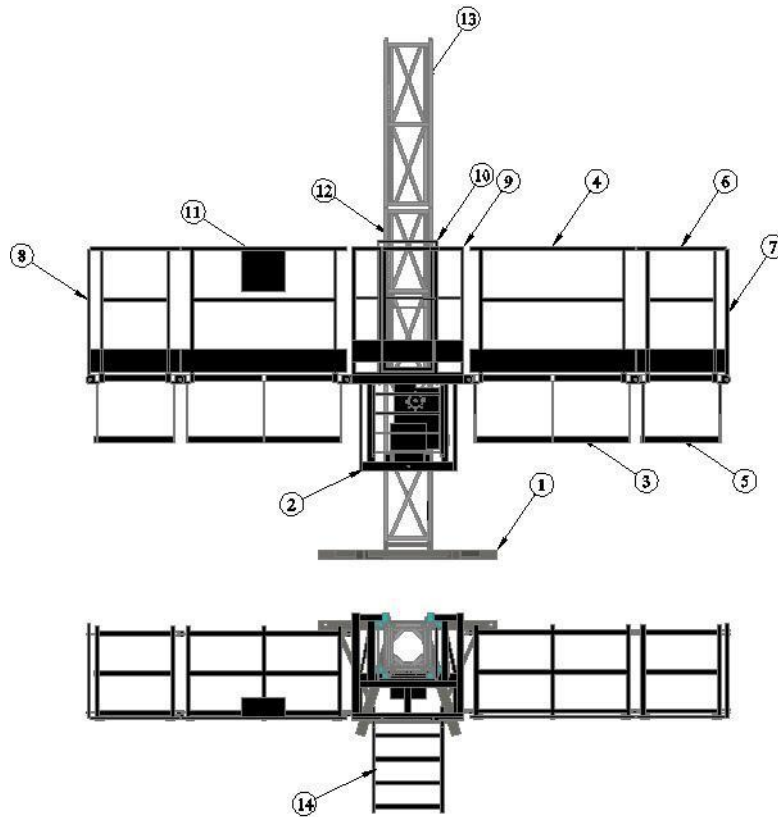
Single platform;

C-2500 model: 10.23 meters maximum width

C-3000 model: 10.17 m width maximum workspace.

✓ Please refer to the respective tables for Other lengths.

Single-platform ankrajsız, and continues to a height of 6 meters (wind speed is below 15 km/h). Link ranges every 6 mt. ' a. Connect with single platforms, anchoring if done maximum seats up to a height of 150 meters.



1. Platform Chassis
2. Platform Main Body
3. Full Platform
4. Full Platform Barriers
5. Half Platform
6. Half Platform Barriers
7. Right Border
8. Left Border
9. Door
10. Mast Protection Apparatus
11. Electric Panel
12. Mast (Colon)
13. Final Mast (Colon)
14. Ladder

Figure-1: Single Platform

DOUBLE PLATFORM:

Rack and pinion gears mounted on the mast (colon) and electric motor driven by targeted pinion, working with two main unit contains a work platform.

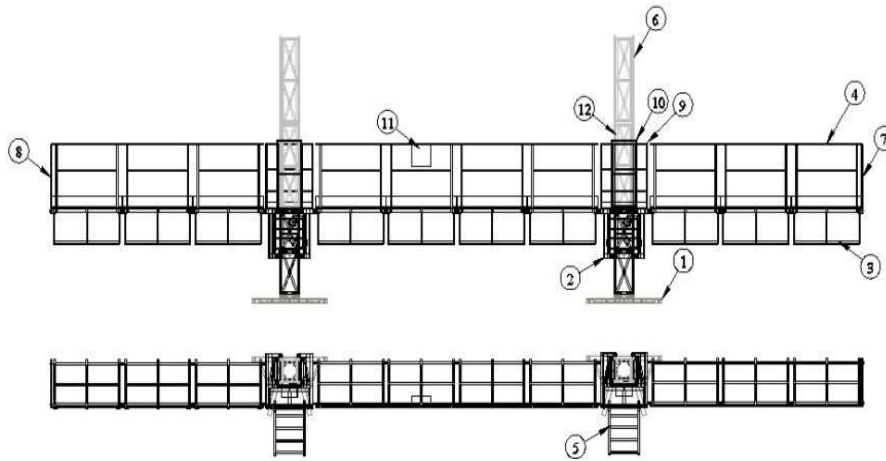
Double platforms;

C-2500 modelinde : maksimum 29,39 mt. genişlikte

C-3000 model: 30.48 meters maximum width work area.

✓ Please refer to the respective tables for Other lengths.

Double platforms ankrajsız can also lead to a height of 6 meters (wind speed is below 15 km/h). Link ranges every 6 mt. ' a. Double platforms, if done with anchoring connection maximum seats up to a height of 150 meters.



1. Platform Chassis
2. Platform Main Body
3. Full Platform
4. Full Platform Barriers
5. Merdiven
6. Final Mast (Kolon)
7. Right Border
8. Left Border
9. Door
10. Mast Protection Apparatus
11. Electric Panel
12. Mast (Colon)

Figure-2: Double Platform

MAST (COLON)

Rectangular, welded on the main profile mounted rack and pinion gear, 4 PCs. bolt and nut with each other and with hot-dip galvanized for rust resistance and life are modular system referred steel structure.

- C-2500 models used mast;

The main profiles 40x40x4 mm. ' . Çaprazlarla extended duty mast length is 1.5 meters. Weights according to the installation height of 61 kg – 65 kg. (Figure-1)

- C-3000 mast used in the model;

The main Profiles 40x40x4 mm and 50x50x4 mm. Çaprazlarla extended duty mast length is 1.5 meters. Weights according to the installation height of 71 kg. – 80 kg. varies between. (Photos-2)



Picture – 1: C2500 Mast



Picture – 2: C3000 Mast

SOIL NAILING

Each anchor team consists of the following materials;

- Wall connection plate 2 PCs (picture – 3)
- Interconnect pipe 2 pieces (picture – 4)
- Pipe connection clamp 2 (Ø48xØ 48, or plays) (picture 5)
- Mast connection tube 1 pieces (C2500) (picture-6), 2 pieces (C9650 wide format color printer) (picture – 7)
- M14x90 bolt 2 pieces (picture – 8)
- M14 nut 2 PCs (picture – 8)
- Conical pin 8 (C2500), 4 x (C9650 wide format color printer) (picture – 9)
- Snap pins 8 (C2500), 4 x (C9650 wide format color printer) (picture – 9)
- Anchor with 4 pieces (picture – 10)



Picture – 3: Wall Connection Plate's



Picture – 4: Interconnection Pipes



Picture – 5: pipe connection Clamp's



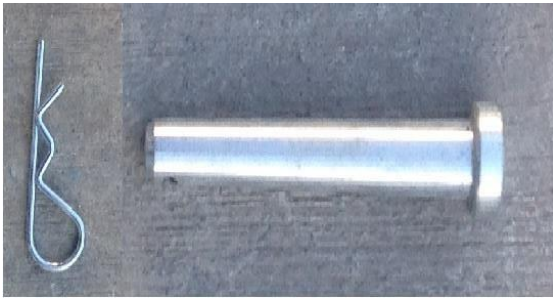
Picture – 8: M14x90 bolt and nut



Picture – 6: Mast connection tube (C2500)



Picture – 7: Mast connection tube



Picture – 9: Conic Pins and Pins's



Picture – 10: Anchor

PLATFORM (S)

Triangle-shaped made of modular elements and each other PIN and snap pins are connected with. According to two different length and width of the machine used. C2500 model 1000x1500 mm, (picture – 11) C9650 wide format color printer model 1320x1500 mm (picture – 12) measure. Steel pipe and profile is made from perforated galvanized sheet metal on top is made of embossed walking area.

3 on the platform 40x80 profile. The contents of this profile fronts with recesses and protrusions extension profiles to make the process is appropriate. Extensions on the steel beam has obligation to work with. Uzatmalarla depth 70 cm., in the model of intervention to C2500 C9650 wide format color printer model is limited to 90 cm. (Image – 13 -14)

Platforms or railings against the wall, use the corresponding profiles for mounting. Profiles, fixed with screws fit in extensions.



Picture – 11: Triangular Platform (C2500)



Picture – 13: extension Steel Beam



Picture – 12: Triangular Platform (C3000)



Picture – 14: extension Steel Beam

DOOR

The door is made of steel profiles and sheet metal. Does not operate with door open platform to switch security system. This system cannot be disabled. Also, instead of the door after you have been placed in the main unit is provided with electrical connection with mutual socket. Easily installed with bolts, compressing the main unit. C2500 model 120 cm width and 115 cm high. 135 cm in width and 115 C9650 wide format color printer model cm high.



RAILING AND BORDERS

C2500 front and rear RAILINGS

C2500 front and rear rails, steel and sheet metal. 120 cm in height is available after a minimum of 110 cm in length to the socket. Front and rear rails nests strapped into an M12 bolt and nut with fixed, then should be kept each other with the help of handcuffs. Thus, stabilization and alignment is completed. Otherwise contrary to disordered image and start working due to job security. Front and rear rails; Tekmelik distance between the platform not to exceed 15 mm, oturtulmalıdır.

Be sure the front railings must be attached to the platform extensions. Full platform for complete lattices (Figure-3), should be used for is half an half platform railing. (Figure-4)

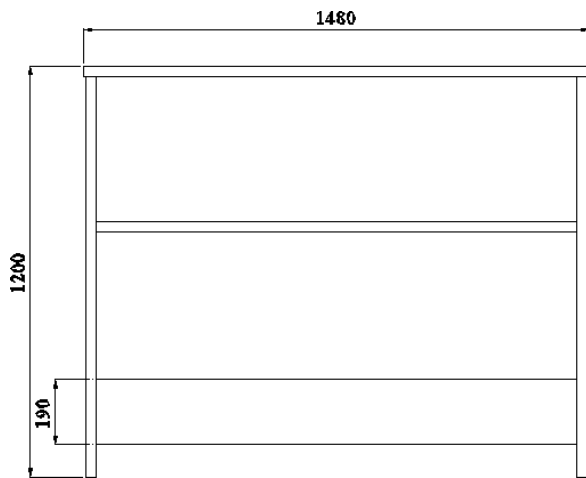


Figure-3: C2500 Platform Barriers (full)

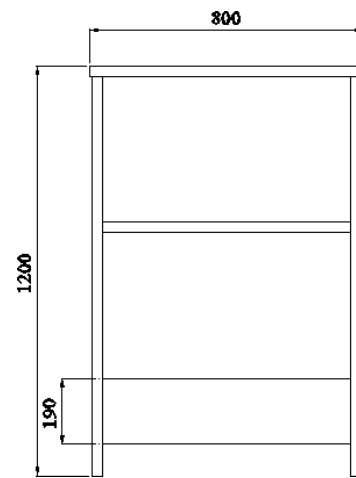


Figure-4: C2500 Platform Barriers (half)

C2500 SIDE RAILING (Border)

C2500 Side railings (border) steel profiles and sheet metal. To be fed into each other consists of 2 parts. Insulation of facades may be lateral section of the extension are made in the form of the sliding system taking into account. Increased safety with the sliding part of the extra inside. Desired size with the help of 0,5 up to M12 bolts and nuts will be compressed. Side rails (border), front and rear railing BORDER to CLAMP (fig. 16). Single & dual basis, single side railing (border) to the right side of the machine (Figure-5), double a side railing (border) to the left side of the machine (Figure-6) is positioned in a way. Side rails (border) platform

main unit, Platform, or PIN (Figure 17) and pins are mounted with. For each 2 PCs. Platform pin and 2 PCs. Pins are used.

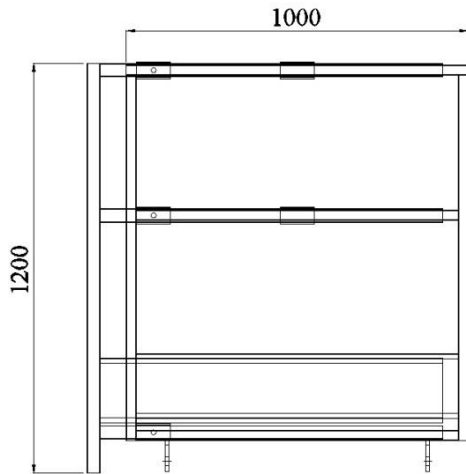


Figure-5: C2500 BORDER (single)

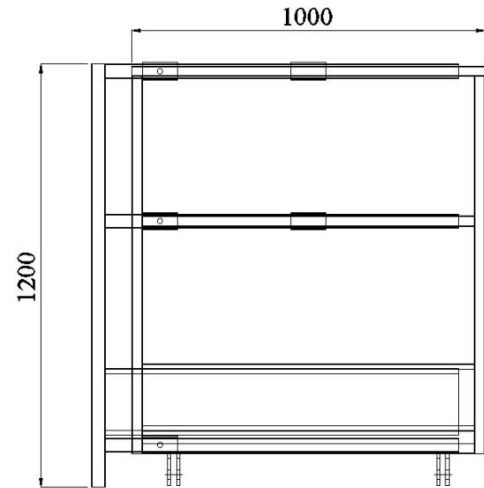


Figure – 6: C2500 Border (Double)



Picture – 16: C2500 Border clamp's



Picture – 17: C2500 Platform Pin



Picture – 18: C2500 Railing clamp

C9650 wide format color printer front and rear RAILINGS

C9650 wide format color printer front and rear rails, steel tubing and sheet metal. 123 cm in height is available after a minimum of 110 cm in length to the socket. Front and rear rails, then hunted down and their nests with the help of each other should be kept other than checking clips. Thus, stabilization and alignment is completed. Otherwise unregulated

contrary to the image and start working due to job security. Front and rear rails; Tekmelik distance between the platform not to exceed 15 mm, oturtulmalıdır.

Be sure the front railings must be attached to the platform extensions. Full platform for complete lattices (Figure – 7), should be used for is half an half platform railing. (Figure-8)

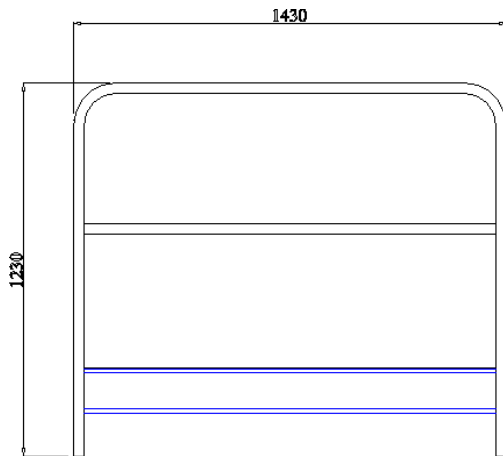


Figure-7: C3000 Platform Barriers (full)

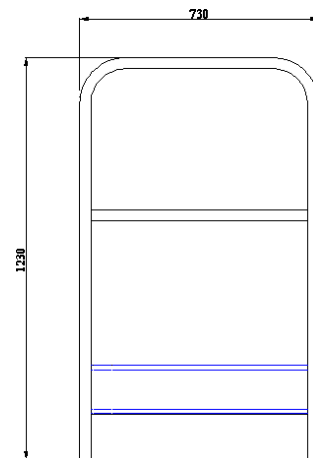


Figure-8: C3000 Platform Barriers (half)

C9650 Wide Format Color Printer SIDE RAILING (Border)

C9650 wide format color printer Side railings (border) steel pipe, profile and sheet metal. Side rails (border), front and rear railing to RAILING CLAMP (fig. 19). Single & dual basis, single side railing (border) to the left side of the machine (Figure – 9), double a side railing (border) to the right side of the machine (Figure 10) is positioned in a way. Side rails (border) main unit, Platform, platform or PIN (picture – 20) and pins are mounted with. For each 2 PCs. Platform pin and 2 PCs. Pins are used.

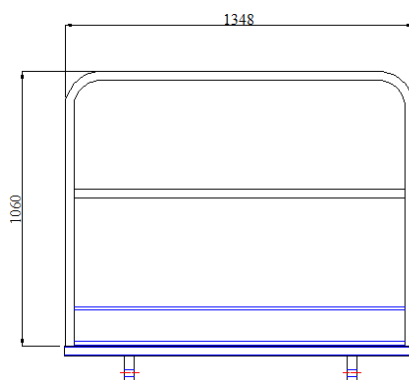
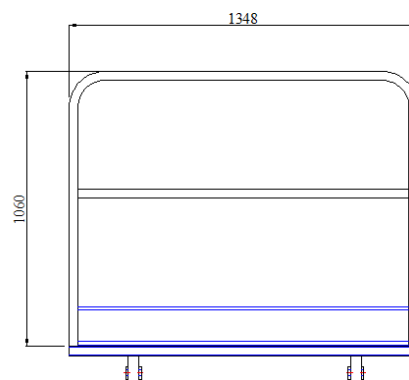


Figure-9: C3000 BORDER (single)



Figure— 10: C3000 (Double)

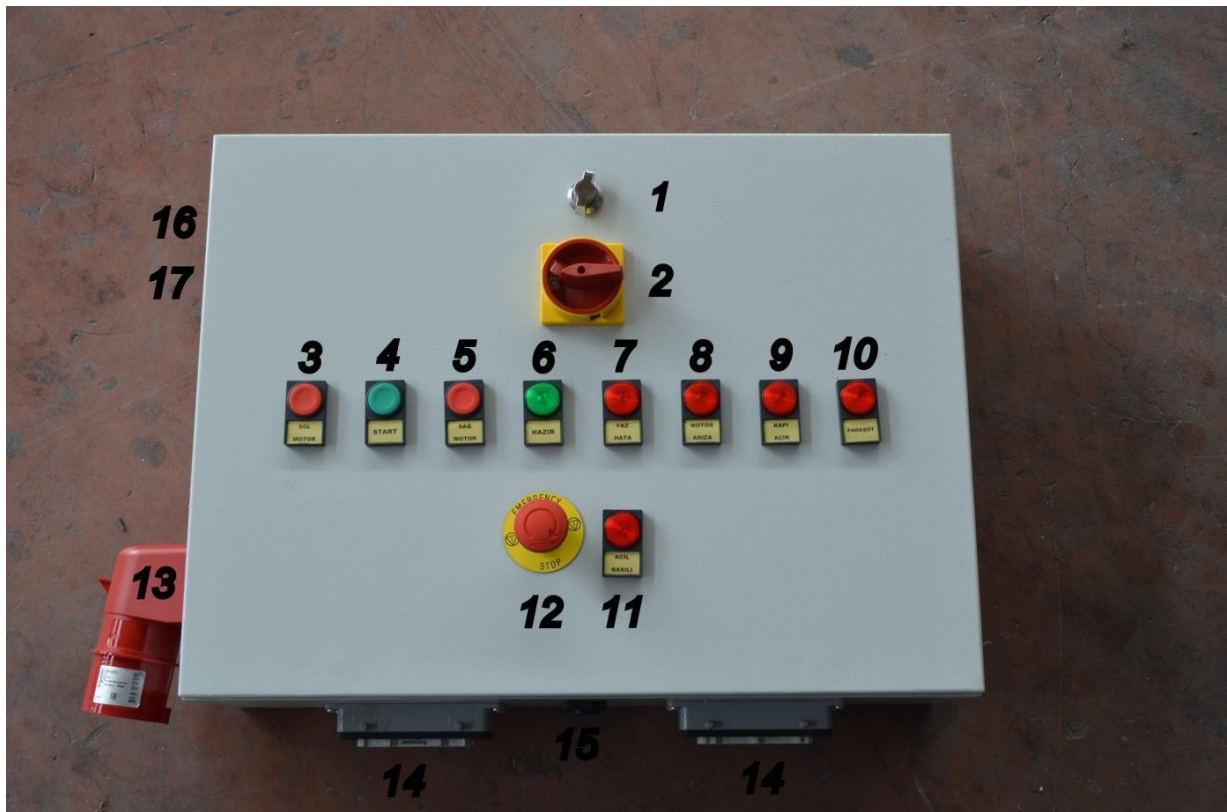


Picture – 19: C3000 Railing clamp's



Picture – 20: C3000 Platform Pin

ELECTRIC PANEL



Picture 21-electric Panel front appearance

DESCRIPTION:

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> 1. Panel lock 2. main switch 3. the left engine stop button 4. Start 5. right engine stop button 6. Ready Light 7. Phase Error Lamp 8. Motor Malfunction Lamp | <ul style="list-style-type: none"> 9. Door Open Light 10. parachute open Lamp 11. press and Emergency Lamp 12. Emergency-Stop button 13. Curved Dashboard plug (Male) 14. Board socket (female) 15. the Buzzer (Siren) 16. up button 17. Down Button |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



Picture 22: Dual Link



Picture 23: Single Connection

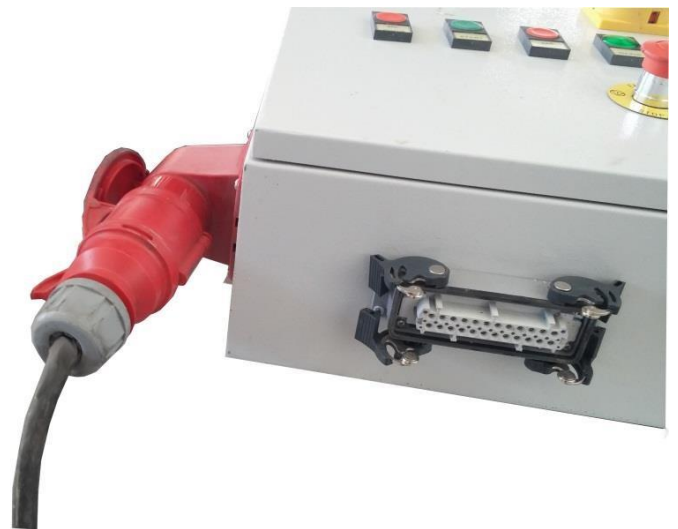


Fig. 24-25 Energy Plug socket Help missing picture

Electric Panel in the operator's use of the double front platform can see both main unit and must be positioned in such a way that in the middle.

Electrical switching apparatus found in Board side thanks to the platform can be easily installed decoy. Platform usage during the day will be called to work any way case main switch must be turned off. At the end of the dashboard over the use of the platform removed and must be stored safely.

Dual front control cables from the main platforms unit, at the end of the male through the Panel located under the socket female sockets occurs when the connection to full sit turularak. (The picture – 22) Then plug in the power cable to the Panel next to the connection that is required through the forward slash. (The picture – 25)

Single front platforms at the end of the control cable from the main unit, male female socket located under the dashboard in the socket by means of the complete seat. Other female socket under the idle dashboard; which is called as a custom crafted men's auxiliary socket socket by placing the circuit is completed. (



Picture – 23) then plug in the power cable to the Panel next to the connection that is required through the forward slash. (The picture – 25)

Single platforms without the use of front platform socket help will not work. (The picture – 24)

The operator; to move up and down the platform of the front facade meets all conditions of the platform that I've seen and, after detecting a power cable is installed must open the main switch. Then the Phase error light blinks 5-6 seconds after the Start button is pressed and ready lamp is lit. Using the up and down buttons next to the dashboard system can be used. If the Phase error lamp side does not malfunction after. (See The FAILURE Table)

ENTRY STEPS

For both models (C-2500 and C-3000) entry stairs will be fixed with the motor group M12 bolts. Non-slip chequered saca made of steel profile with steps and elements; on the one hand there is scarecrow. (The picture – 26)

Ladders must be installed on the main unit.
The façade is pleased to ascent and descent should be used in the ladder.



Image: 26 – steps and Barriers

GENERAL TOPICS

Front Platform, transportation to observe possible damage as soon as we get to the General should be checked out. In the case of any negativity be informed immediately about the situation, competent supervisors.

PERMISSIONS

Advantages of the façade will be space, security, and auditing of the designated authorities of the conditions uydurulmalıdır and wall mounting for building site authority platform of permission should be obtained.

INSTALLATION SPACE

Installation to operate safely in the field Front platform required for power line/Board, when necessary, illumination and installed to secure the region, which will be completely empty and must be provided. (Minimum 2 meters distance fields must be created.)

The main unit will take the burden of the whole system on the ground, settled in a position. Otherwise, they should not be setup until the appropriate conditions. In addition, the suitability of the installation area should be checked on the local wind conditions. (One can occur due to tunneling, etc.).

Façade will be the platform to support all transmitted forces must be in the position of doing.

SECURITY MEASURES

- Installation of front platform and/or removal, always under the supervision of foreman's direct, appropriate training should be carried out by qualified personnel in the past.
- Before you start the installation and/or dismantling operation, reviewed all security risks, determination of the faulty and damaged parts. After processing all the negativities.
- To try to avoid possible accidents, all applicable laws and health and safety rules must be followed.
- Installation, dismantling and/or use the work area before the start of all the dangers that may occur and should be removed from the people, the necessary measures should be taken. The appropriate signs and limitation (safe zone) must be sure that the security of people using.
- The number of people maximum load it can carry front Platform and should not exceed the specified in the Guide, never on top of.
- Easy accessible region Guide, Front Platform hosting.
- Number of safety personnel on the platform Front/life is necessary to keep the rope.
- Installation, dismantling and/or checked-out from the wall before you start (from the front) should be checked whether the right dangling parts out. Platform wall (front) must be installed between the railing is not necessarily.
- Installation and/or dismantling phase, maximum wind speed does not exceed 15 km/h Front Platform of anchors, floor 6 meters in height and the rest should be disposed of in every 6 meters.
- If during installation and dismantling wind speed exceeds 15 km/h, in a different way than specified above anchorages must build. The first anchor floor 3 meters in height, and the second from the first 3 meters high (that is, the floor at a height of 6 meters); they should be disposed of in the next every 6 meters. These stages wind speed never exceed 35 km/h.

DOUBLE PLATFORM SETUP

Double Platform to build two model (C2500 – C9650 wide format color printer), follow the following:

1-after determining places, main unit main unit, off the wall (from the front) are fixed with his feet whether openness required balance.

to the right and to the left of the unit 2-a Main namespace. Triangular platform, platform pins (picture-17 and picture-20) assembled. Support when needed a name. mast using the floor yaranılabilir.

3-thanks to the support from the two main Unit until you reach the required measure triangle mast platforms combined.

4- Two main unit installation of the triangular platform after you merge is completed. Spirit level and chassis legs by using the system scales. Later chassis with fixed and main body pins feet pressed into the ground to distribute the load of gijon.

5- Triangle platform extension profiles to be used (after a maximum of 70 cm. platform for C2500, C9650 wide format color printer after the platform for maximum 90 cm.); Secure with M12 bolts and steel extension profiles beam walking paths in the extra time needed to create with.

6- Triangular Platform and stuck to the borders of the place (C2500 model for bolts) is compressed, the Scarecrow after the completion of the Assembly proceeds to the link (anchor).

SINGLE PLATFORM SETUP

Single column for mounting of the pier, two column, continue as described on the dock but make changes to the following points:

Installation of single platform must be symmetrical so to prevent the overthrow of the platform group of the main unit left and right must be the same number and type. The maximum length allowed for a single platform for both models should be about 10 meters.

MAST MOUNTING

After turning on the Main switch 1) any fault button is not lit, press the "START". "READY" light is lit you can start working. "Reverse phase" indicator, phase corrected repeat the process.

Mastları, Assembly tool and install it on the machine the parts needed for the wall anchors. The user must comply with load table in all circumstances. (See USAGE And Load Capacity TABLES)

2) At this point you may begin the Assembly. Installation of the up button by using the go to a height suitable for mast (last mounted at least 20 cm from the top of the mas you down).

3) Special attention must be given to placing the mast switch Mastiff. Do not switch on top of the mast.

4) To stop All movements, "EMERGENCY STOP" button. Place and fasten using the mast bolts mastiff. "EMERGENCY-STOP" button and press "START" button to go up by continuing the first anchor point to repeat the process until you reach the.

5) The first to be held in the appropriate anchoring elements for mounting of anchorage zones after it has been instrumented for WALL CONNECTION PLATE dowels in accordance to the front hole for each WALL CONNECTION PLATE 2 PCs. Anchor is fixed to the front WALL by using the CONNECTION PLATE.

6) SEARCH with CONNECTION TUBE prepared according to the front, wall CONNECTION PLATE with M14x90 bolts and nut with mounting each other using.

7) MAST CONNECTION TUBE to the Mast PIN through Conic pins pins are inserted, then CALL connected before CONNECTION TUBE with the MAST CONNECTION TUBE, pipe connection CLAMP with shoppers.

Assembly and disassembly operations, the maximum wind speed of 15 km per hour during does not pass, the first anchor floor 3 Mt. mount and later at the height of the anchorages, after installation of each mast of a 6 m.

Assembly and disassembly operations exceeds 15 km per hour, the wind speed during the first anchors should be installed at an altitude above ground 3mt. The first of the next anchorage 3mt. above (i.e. floor 6 Mt. altitude) and later should be installed in each of 6 meters. Attachments should not exceed 35 km per hour wind speed, never during. Anchors must be suitable to support the structure, mounted on the load.

- 8) The first Mastlarin and anchor elements are assembled and use a water level during decommissioning operations. Check each mast is being mounted in alignment.
- 9) Anchors to the edges to avoid contact close.
- 10) Mount the desired height is reached final mastiff. This mast is painted a different color (red), different from the others.
- 11.) The offset mast and anchor before the Final 6 mt. even less than, you've a Final mas should be mounted at the bottom of the anchor element masta.
- 12) at the end of a MAST Mounting, place the PROTECTION PLATE.

MOUNTING POST CONTROLS

- Check that the EMERGENCY STOP DEVICE is running.
- Rack and pinion gears lubrication lubricate if necessary.
- The top level and the FRONT platform Setup to see the lowest level of 1, use the full tour.
- All switches and safety equipment is in place and is running test and check it out.
- The edge of the workspace and check whether it is available. The whole area will affect the operation of the dock make sure the obstacles
- Users must go through training, *and* the report documents delivered to the authorized person must be granted. All data is declared *and* signed authorized employees, make sure that the delivered documents.

DISMANTLING OPERATIONS

Single/double-masted system for removal, installation at the specified operations in reverse order.

MASTLARI ALL BEFORE STARTING TO DISASSEMBLE MASTLARIN, ANCHORAGES AND ATTACHING/DETACHING ATTACHMENTS BAGLANTILARINI.

If installed, the third meter temporary anchors, occurrence of 15 km per hour wind speed situations.

- 1) unscrew the MAST PROTECTION PLATE).
- 2) before you start to disassemble the installation's highest point).
- 3) Mastlari and anchor the top starting from start to disassemble, respectively. They should be left in the field and the mast removed during decommissioning work, exceeds the limit of the permitted load make sure. Repeat the process until you reach the ground.
- 4) Railings, gates, Extensions start to disassemble.
- 5), disconnect the machine from the main power grid and power cable.

one-or two-post system 6) Platforms, as opposed to unscrew the Assembly operations

SCALE SYSTEM



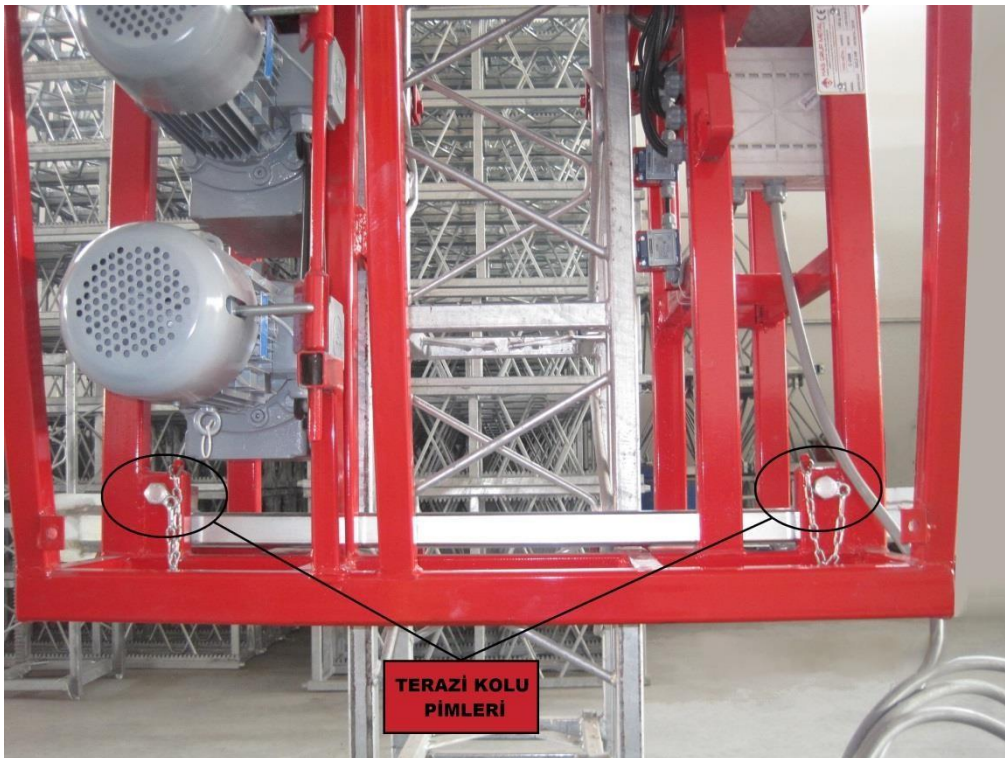
In our "double" front platform as an automated system in the use of energy, sometimes unstable due to arrive in each main unit and a second of possibility (possibility of re-start before). Therefore in our systems runs automatically; switch the scales balance with the help of the system. In these systems, along with Libra setup setting does not want any outside intervention failure whether it later. In the event of the breakdown of the system's switch is checked and can be set again.

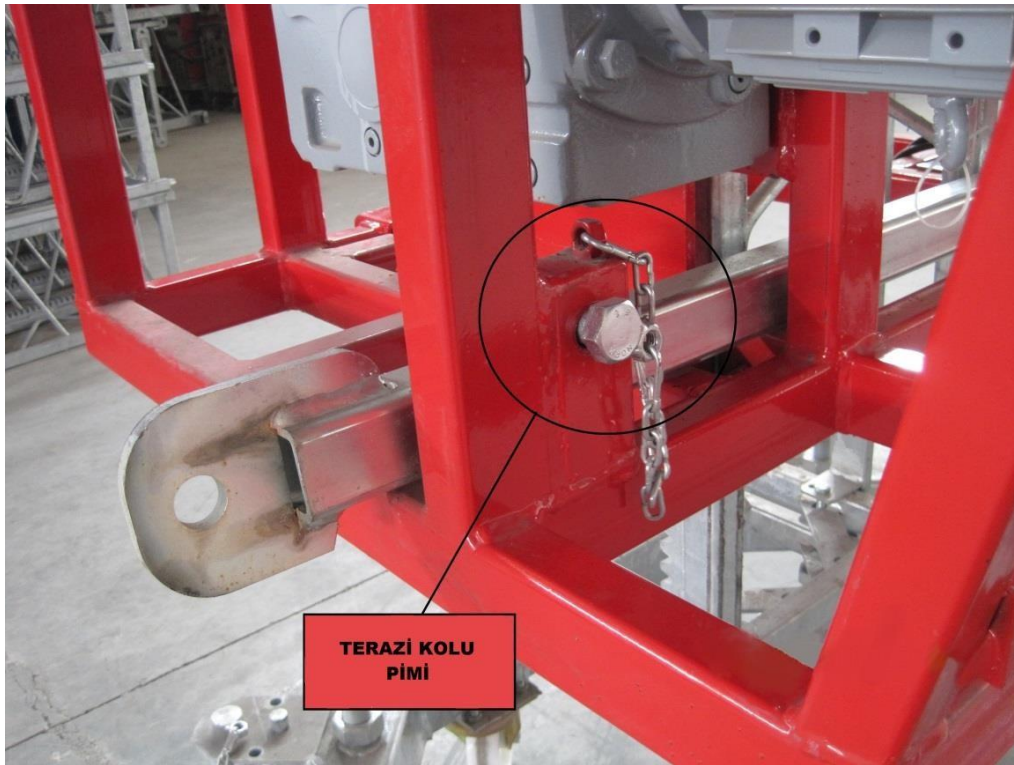


The area marked in the picture above, 2 PCs. Switch. Works by these switches trigger handle scales.

In addition to the introduction of the system scales the height difference between each main unit approx. 34 cm to 67 cm. range or $(\pm 1) - (\pm 2)^\circ$ c. This data of machines considering it opened 30 meters width. When you are prompted to set the scale switch more precisely in and out of the system when it comes to continuous commissioning appropriate working conditions may not be available. For this reason, it has been estimated to be ± 2 degrees of the bevel.

Fine adjustment of the scale after Setup has completed and the Setup is done by the staff of the scales.





The safety of machines and equipment weighting-scale handle pins are important elements to function.

Double platform installations must be attached to any files on the scales until the pins Setup. After Setup completes, scales lever must be removed from around the pins. Thus, the scales will be able to play the system location. If this PIN is stuck after installation continues to study double-scales system does not work and leads to warping and deformations in the machine. Therefore, the control of pins " is **VERY IMPORTANT** " level.

Single platform installations should remain attached even after Setup is complete. In no way should not be removed. There is no single platforms scale system need.

USE

GENERAL TOPICS

- The length of the façade can vary according to the number of the platform established Platforms.
- As a business façade Platform, moving the people and/or use the appropriate load is designed to move into the building façade.
- The company will use the front Platform, under the control of a trained expert, chosen according to these instructions, mounted must be removed.

- Front Platform, a solid foundation should be mounted in vertical position and have the capacity to withstand forces that passed a wall needs to be pinned. The burden should not be an unreasonable projected facades or zones Setup.
- The projected installation capacity of Façade Platform always must be observed. (See: C2500 And C9650 Wide Format Color Printer INSTALLATION Files) Run-level, load capacity table out of the way of the values specified in should not be installed. Weight loads have moved. In the plane of the work load and/or personnel should be well distributed.
- Before you can use the front platform, follow the instructions specified in the manual.
- Front Platform, but all emergency procedures and can be used after you have understood.

Correct use of the machine front Platform, only trained about security devices and standards to be used by qualified personnel familiar with.

- Note that all employees take on big stages, they are eligible to work themselves and/or alcohol, or that may affect the reaction rates of any chemicals/pharmaceuticals must not be influenced.
- Staff should give the highest priority to security and if they can't work or statutory applications in safety to fit if they think their work to refuse him.
- Employees at the same time, the region of dangerous work in the areas of human, animal, or materials is missing or not affected by their Front Platform workspace must be sure. The study will be done during the use of the field, front platform free from danger, make sure to create obstacles;
- All front-line employees in the use of personal protection Platform materials should be provided. These materials are to be worn by employees before the beginning of the work.
- Front Platform to be sure any damage, must be checked at least once a day. It was thus recommended, authorized person or damage occurred to the foreman be informed immediately. In the meantime, front platform should immediately use retention.
- Make sure that your feet on the chassis on a flat surface. If the ground is not conducive to support the applied load, prepare appropriate Board below of them support beams. Your feet are set up to receive the brunt of the system into the ground right to suppress warnings and nuts tightened as needed.
- Facade Platform when an emergency, press the emergency stop electric Board. Leave the platform securely authorized persons immediately/give information to superiors.
- N. Inc. at the end of the day the most must be brought down to level Front Platform, and should be use by unauthorized persons.
- Tunnel effect thought to be places in which nature, be careful when establishing a front platform.
- Promotion Boards/looking ads and so on, do not install the front platform to create the effect.
- Platform attached, or carried over the goods, in order to access the higher sit or stop completely prohibited.
- All the warning labels found on the front Platform and instructions must be clear and readable.
- Front Platform, wind speed is less than 15 meters per second (54 km/h) can be used. With this speed, windy weather, Front Platform is prohibited.

Front Platform to use to determine the method of anchoring required for different wind speeds, indicating that the following is a table (Beaufort scale):

The Shape Of The Wind	Force	Wind Speed		The Effects Of The Wind
		m/s	Km/h	
Calm down	0	0-0.2	1	Smoke rises vertically.
Breeze	1	0.3-1.5	1-5	Wind speed is determined by the smoke, not with the wind turbines.
Light Breeze	2	1.6-3.3	6-11	The wind is felt in human skin. The leaves are vibrates, it moves with the wind.
Soft wind	3	3.4-5.4	12-19	The leaves and branches, flags are slightly fluctuating.
Medium wind	4	5.5-7.9	20-28	Pieces of paper dust and flies, small branches move.
Strong winds	5	8.0-10.7	29-38	Small trees swings, consists of small waves in the water.
Strong wind	6	10.8-13.8	39-49	Vibrating large branches, difficult to use an umbrella.
Firtınamsı wind	7	13.9-17.1	50-61	The trees are swinging, walking against the wind.
Storm	8	17.2-20.7	62-74	Wind break branches, is difficult to move.
Severe Storm	9	20.8-24.4	75-88	Weak buildings damage occurs. Roof tiles.
Full Storm	10	24.5-28.4	> 89	The trees dismantled, buildings from severe damage occurs.

----Wind speed table

Top-down or bottom-up throw the right materials is prohibited.

Tampering with the safety devices or established "bypass" is forbidden.

Minus 15 ° C and the front Platform plus 40 ° C temperatures outside are prohibited use.

The burden of their structure or facade Platform people in cases where front platform run would hurt.

Facade platform any abuse is prohibited in the following cases, especially ;

- Transportation of animals;
- Dangling outward cargoes transportation
- Transporting of materials that aren't connected properly.
- Transportation of bulk materials.
- Use in extreme weather conditions (storms, extreme wind, snow, fog, night hours, etc.)



- Especially in extreme heat or e-stop device can affect ice formation.
- The last floor without front platform, use the stop device.
- Routine maintenance operations are not met use cases.
- Conditions Mastin (Colon) in cases where the instability to use anchors.
- During repairs to the front platform.
- Non-original spare parts are placed in use.
- Explosive environments use the platform of the front.
- Exposing to the front platform, fluid substance
- In the presence of front platform, open fire.

WARNING: Engine block lever (brake lever) use during work and should never be used to download the platform. Should be used only in an emergency.

MANUAL BRAKE LEVER and SYSTEM

Any malfunction in the automatic system or front platform loses energy as it is a required system introduction manual. Brake lever Tool slot turn by the method of Electromagnetic Brakes disabled. Double conversion systems must be synchronized. This system came to the nearest emergency exit or floor is used to perform the evacuation of personnel. In case of failure the system is activated after system power cut manufacturer or 07 authorized service should be contacted. With the coming of energy in case of power failure the system will return to normal and it can be studied.



(BRAKE LEVER TOOL)

For each main unit 1 PCs.
Brake lever must be in the machine sets.

PLATFORM BOTTOM

PROFILE

- Manual brake lever use him only on an as-needed basis.
- Manual brake lever only trained and authorized personnel by fulfilled.
- Manual Brake levers within easy reach of the platform should be kept in the region.
- Before you begin working with the platform in place of Manual Brake lever, check whether there is absolute. Or Platform.

Mastin (Colon) is used as a possible emergency landing stairs cases, people use personal protection Materials, in effect all OHS laws and provisions is imperative to use.

DOUBLE PLATFORM

The below-mentioned operations in the two main units, at least two must be performed by authorised and trained person:

Electric power comes back to prevent any movement of the platform of the front facade of the platform, then press the Red emergency electrical Board.

Brake avadanlıkları took the slot on the main unit. Brake levers, turn slowly in a way that is synchronized. This move will land you gently down.

Download the first publishing point if you have everyone on a front platform and payload. Trained and authorized two people must remain on the platform front. At this point the Brake avadanlıkları the same floor by performing very slowly start to descend.

Be careful, because if the electric power or the lower limit switch, front platform floor when the system will not stop stobuna. Therefore, the user should stop a suitable height above ground

When you are finished, remove the Brake avadanlıkları.

SINGLE PLATFORM '

Defined in the previous paragraph is repeated operations, but in this case operations must have only one person to fulfill.

To maintain security, pay attention to the following:

Electrical power is interrupted, will ease the process of all devices must be ready always front platform: safety ropes, etc.

PERSONAL PROTECTIVE

For a possible emergency landing of the stair cases used as personal protection Materials, all in force in the country was founded, front platform occupational health and safety according to the provisions of the law and is required.

The following materials are required for personal protection:

- Life rope and protective equipment



- Parachute Type Safety Belt
- Helmets, gloves, footwear, Work vest, work, etc.
- Action-related legislation required safety equipment

KABLO BAĞLANTILARI

Besleme kablosunu uzatırken, voltaj düşüşlerinden ve makinedeki güç kaybından kaçınma amacıyla, daima uygun kaplamaya ve kesite sahip bir kablo kullanın. Kablonun özellikleri, uzunluğuna bağlı olarak şöyle olması önerilmektedir;

Kablo uzunluğu	Kablonun minimum kesit alanı			
0-100 m	5 x 4 mm ²			
100-200 m	5 x 6 mm ²			
200-400 m	5 x 10 mm ²			
The installation Phase protection				
	C 2500	C 2500	C 3000	C 3000
	Single Platform	Double Platform	Single Platform	Double Platform
Voltage	3faz 380 VAC	3faz 380 VAC	4faz 380 VAC	4faz 380 VAC
The nominal	16 A	25 A	16 A	25 A

----Installation and supply cable properties.

END OF WORK

To turn off front Platform Service (for example at the end of the work day), do the following:

Pressing the down button on the front until the lower platform of the limit switch.

Press the Red emergency electrical dashboard, front stop all efforts of the platform.

Electricity from the main switch to "O" position.

Energy (Supply) cable, and to prevent unauthorized people from thousands in a safe place.

The façade is cut with this process, out-of-Service Platform connection and cannot work anymore.

"Out from the Board at the end of the long term business, clean, or store it in the appropriate conditions."

Front platform to be used by unauthorized persons or to prevent the achievement of all possible precautions.

FACADE PLATFORM USAGE AND CAPACITY TABLES

DOUBLE PLATFORM

Double Platform, C 2500 model maximum 29.39 meters length and C 3000 model can access 29.03 meters. Sides and middle sections can be found in the extra time.

Number of person in charge during the use of the maximum is 4.

Mast Assembly phase

Mastin use the following Assembly phases diagram (Colon) but the Max number of the two during Assembly, consider that it should be. (**See: C2500 And C9650 Wide Format Color Printer SETUP TABLES**)

The term ' not on the mounting materials, facade must be distributed evenly across the entire area of the platform.

Extra time will be only on the enforcement personnel. It is forbidden to carry the load.

Side platforms must be the same number and length on the edges.

SINGLE PLATFORM

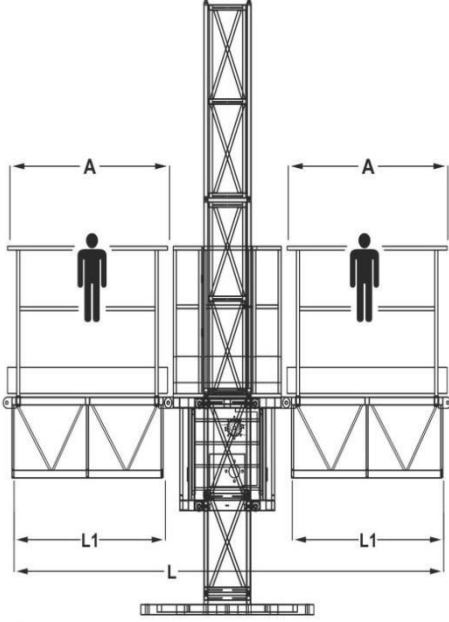
Single Platform, C 2500 model maximum 10.23-metre length and C 3000 model can reach, can have into overtime 10.17 meters.

The maximum number of authorized during the use of the 2.

Triangle platform extension profiles to be used (C 2500 after the platform for maximum 70 cm., C 3000 after the platform for maximum 90 cm.); Extension nut M12 bolt and secure the profiles and steel beam with walking paths in the extensions needed to create it. 100 cm width of the triangular Platform C, when added to 2500 this extension gives a total maximum of 170 cm with width. 132 cm width for extra triangular Platform C 3000, this extension gives a total maximum of 222 cm width with.

C2500 SETUP And LOAD TABLE

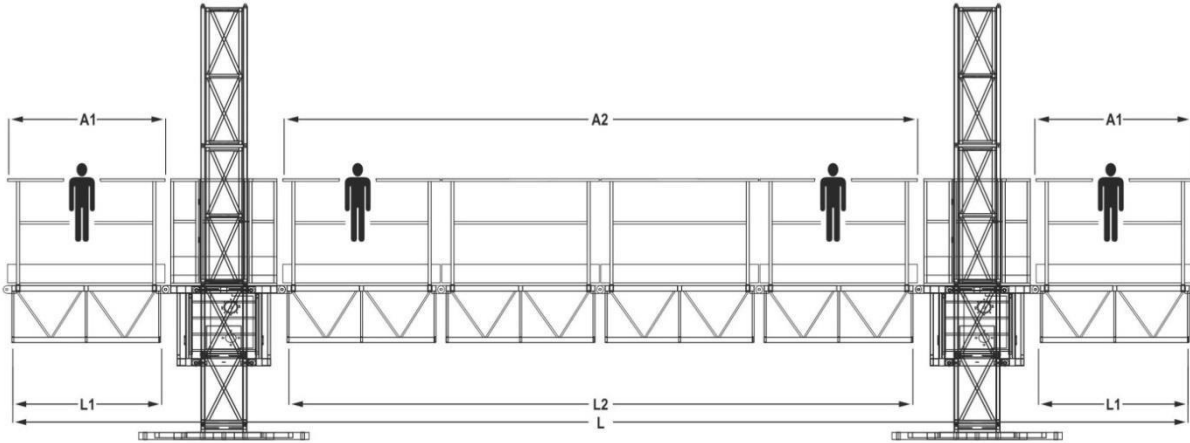
C-2500 TEK KOLONLU CEPHE PLATFORMU OTOMATİK İSKELE



HIZ : 8 mt./dk.
 MOTOR GÜCÜ : 2 X 2,2 KW (Tek Kolonlu)
 MOTOR GÜCÜ : 4 X 2,2 KW (Çift Kolonlu)
 VOLTAJ : 380 V

L(mt.)	A(kg.)	L1(Ad.)	MAKSİMUM TAŞIMA KAPASİTESİ *(KG)
4,27	625	1	1.250
7,25	500	2	1.000
10,23	400	3	800

C-2500 ÇİFT KOLONLU CEPHE PLATFORMU OTOMATİK İSKELE

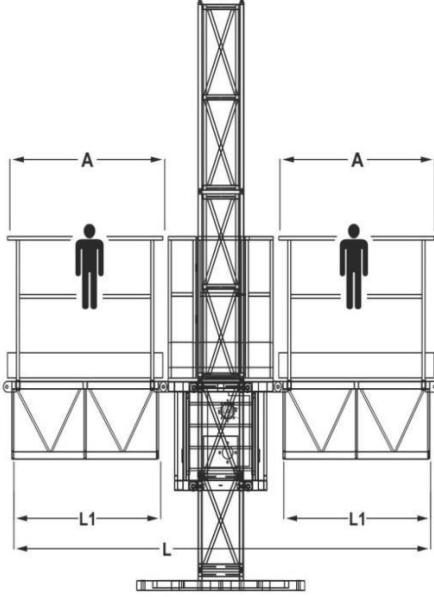


L1(Ad.)	A1(kg.)	L2(Ad.)	A2(kg.)	L(mt.)	MAKSİMUM TAŞIMA KAPASİTESİ *(KG)
1	600	4	1.400	11,51	2.600
1	600	5	1.300	13,00	2.500
1	600	6	1.200	14,49	2.400
2	500	8	1.000	20,45	2.000
2	500	9	800	21,94	1.800
3	400	12	600	29,39	1.400

*Maksimum taşıma kapasitesine tek kolonlu sistemde 2 personel, çift kolonlu sistemde 4 personel ağırlığı dahildir.

C3000 SETUP And LOAD TABLE

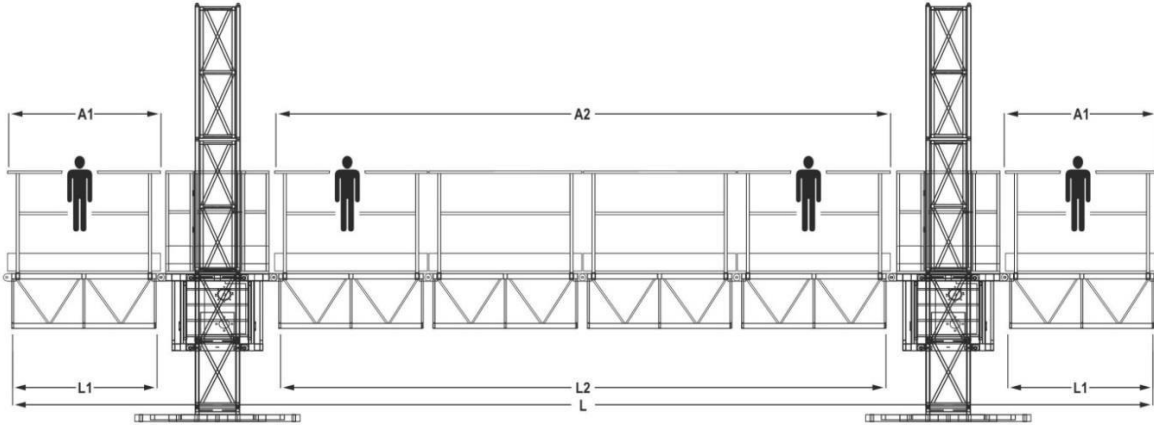
C-3000 TEK KOLONLU CEPHE PLATFORMU OTOMATİK İSKELE



HIZ : 8 mt./dk.
 MOTOR GÜCÜ : 2 X 2,2 KW (Tek Kolonlu)
 MOTOR GÜCÜ : 4 X 2,2 KW (Çift Kolonlu)
 VOLTAJ : 380 V

L(mt.)	A(kg.)	L1(Ad.)	MAKSİMUM TAŞIMA KAPASİTESİ* (KG)
4,37	875	1	1.700
7,27	750	2	1.500
10,17	600	3	1.200

C-3000 ÇİFT KOLONLU CEPHE PLATFORMU OTOMATİK İSKELE



L1(Ad.)	A1(kg.)	L2(Ad.)	A2(kg.)	L(mt.)	MAKSİMUM TAŞIMA KAPASİTESİ* (KG)
1	800	4	2.000	11,63	3.600
1	800	5	1.850	13,08	3.450
1	800	6	1.650	14,53	3.250
2	650	8	1.400	20,33	2.700
2	650	9	1.250	21,78	2.550
3	500	12	950	29,03	1.950

*Maksimum taşıma kapasitesine tek kolonlu sistemde 2 personel, çift kolonlu sistemde 4 personel ağırlığı dahildir.

MAINTENANCE

GENERAL

Facade Platform will work correctly, for extending the useful life of the occupational safety and health, in a manner that is accurate and periodic maintenance, check and review operations can be performed. (See: PERIODIC MAINTENANCE CHARTS)

SAFETY INFORMATION

Maintenance work should be carried out in maximum security. All maintenance operations, will be the reason front platform hazards should be done by trained personnel.

It should be noted that the following issues:

Site maintenance work, should be appropriate to the lowest front platform and in head-parked position. It is strictly forbidden to stand under the front platform.

Any malfunction/before using the front Platform again ill work must be repaired.

The person using any glitch front platform, the authority must inform the foreman about or. To turn off the damaged or malfunctioning front platform service is mandatory.

During maintenance operations, removed from the work area is properly forgotten objects in particular should be noted.

Maintenance of any that are not specified in this section about our company.

FRONT CONTROLS

Before you begin any phase in use, pay particular attention to certain parts of the front platform and change the worn parts during use.

REDUCER DIŞLİSİNİN LUBRICATION

As long term storage before removing the valves, the plugin, attaching extreme pressure and ventilation plug oil leaks must be avoided.









Gearboxes the following table marked with lubricant (under normal conditions) as filled with. Complying with the list for other ambient temperatures the lubricant can be used.

Oil change every 10,000 hours or at least 2 years then surely it should be done. Difficult working conditions; for example, high humidity and large temperature variations, and bad environmental conditions in such cases should be carried out at intervals shorter than the oil change.

Oil drain and fill through the appropriate caps.

At the same time be modified with app for grease bearing the new one must be filled in. While this is in progress bearing 1/3 must be filled gresele.

Also not to be confused with mineral lubricants synthetic oil to each other.

Yağlama Maddesi Çeşitleri / Type of lubricant	Ortam Sıcaklığı / Ambient temperat								
Mineral Yağlar / Mineral Oil	0.....40°C ISO VG 680	Degol BG 680 Degol BG 680 plus	---	Alpha SP 680	Spartan EP 680	Renolin CLP 680 CLP 680 Plus	Klüberoil GEM 1-680N	Mobilgear: -636 -XMP680	Shell Omala 680
	ISO VG 220 -5.....40°C Normal	Degol BG 220 Degol BG 220 plus	Energol GR-XP 220	Alpha SP 220 Alpha MW 220 Alpha MAX 220	Spartan EP 220	Renolin CLP 220 CLP 220 Plus	Klüberoil GEM 1-220N	Mobilgear: -630 -XMP220	Shell Omala 220
	ISO VG 100 -15.....25°C	Degol BG 100 Degol BG 100 plus	Energol GR-XP 100	Alpha SP 100 Alpha MW 220 Alpha MAX 100	Spartan EP 100	Renolin CLP 100 CLP 100 Plus	Klüberoil GEM 1-100N	Mobilgear: -627 -XMP110	Shell Omala 100
	ISO VG 15 -45...-15°C	Vitamol 1010	Bartran HV 15	Hyspin AWS 15 Hyspin SP 15 Hyspin ZZ 15	Uniyis J13	Renolin B15 HVI	ISOFLEX MT 30 ROT	Mobil DTE 11M	Shell Tellus T 15
Sentetik Yağlar / Synthetic Oil	-5.....60°C ISO VG 680	Degol GS 680	Energol SG-XP 680	---	---	Renolin PG 680	Klübersynth GH 6-680	Glygoyle HE 680	Shell Tivela S 680
	ISO VG 220 -25.....80°C	Degol GS 220	Energol SG-XP 220	Alphasyn PG 220	Glyclube 220	Renolin PG 220	Klübersynth GH 6-220	Glygoyle HE 220	Shell Tivela S 220

PINION AND RACK AND PINION GEAR DETECTION

Pinion and rack and pinion gears and pick up wear check using that gauge. If you've got the ingredients of wear.

The space between the rack and pinion gear the pinion gear and the "A" must be between 1.5 and 3 mm. If you change the pinion dişliyi, more.

Rack and pinion gear and pick up our special gauge rack and pinion gear abrasion detection of that sitting at the gap is between 0 and 0.5 mm "B" has been eroded. Then change the Mastiff (column).

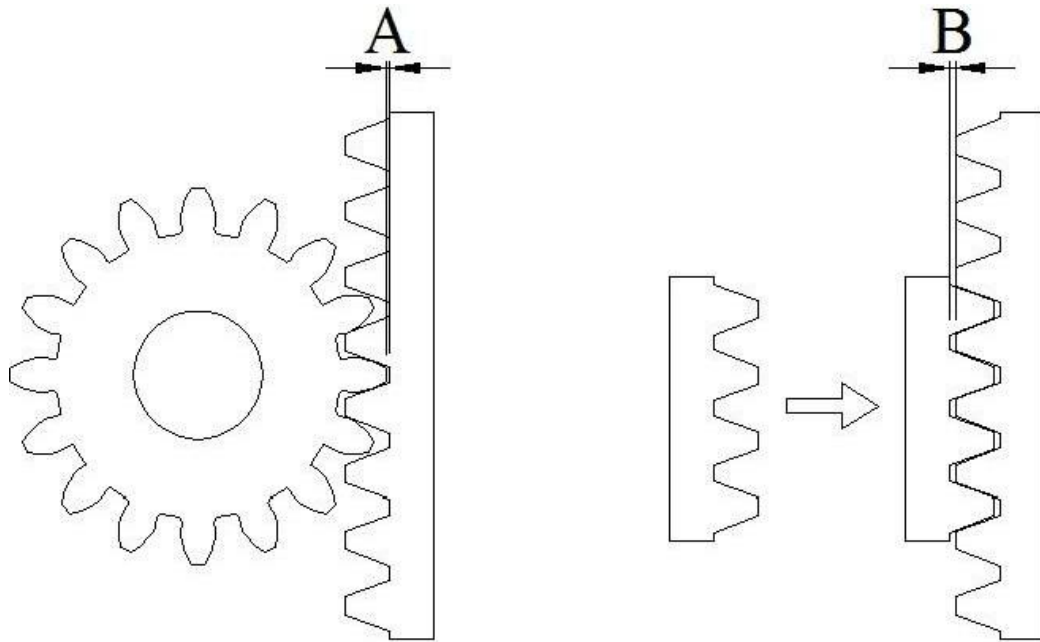


Figure X – pinion-rack and pinion gear shaft

BACK – MAINTENANCE CHARTS-BREAKDOWN TABLE-SERVICE
FORM-ELECTRICAL DIAGRAM-WARRANTY CERTIFICATE