

# Crozz-one 2G

**GB** Directions for use



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## 2 Introduction

The cart described in this manual has been developed for setting up medical equipment compactly. Important starting points for developing this cart were:

- Modular construction a result of which the cart can be assembled to customer's specifications.
- Opportunity to mount medical monitors on long monitor arms.
- Must comply with standards for electrical installation and stability.

### 2.1 Bookmark

**Important! Read these directions for use in their entirety before you use or move the car. Take the directions for safety (chapter 2) especially into consideration. Do not work on the cart if you do not possess the necessary knowledge, or if you are not authorised to do so.**

Jansen Medicars cannot be held responsible for damage, consequential damages and injuries caused by incorrect use/treatment or by negligent maintenance.

## 3 General safety rules

This chapter contains important safety rules for working with the Crozz-one cart.

***Important! Read these safety rules in its entirety before you start using, installing, cleaning, maintain or moving the cart.***

### **Take the following into consideration:**



DO NOT REMOVE TRADE, WARNING OR SAFETY LABELS/STICKERS. WARRANTY VOID IF LABELS/STICKERS ARE MISSING



The cart is for INDOOR use only



The cart is built in accordance with the latest state of technology and conforms to all the statutory safety stipulations. In spite of this, the use of this cart could cause injury to the user or a third party, or damage to the cart or other goods. Only use the cart in a technically correct condition which conforms to the written intentions, and in the environment for which the cart has been made, taking into consideration the user manual.

### **Before you move the cart**



Before moving the cart, switch off the central power switch and unplug the mains socket. Make sure the mains cable is secured on the cart before moving the cart.



If the cart is equipped with an arm on which a monitor is mounted, the arm should be folded completely towards the cart and fixed to cart, before the cart is moved. This is necessary for the stability of the cart and to prevent the arm swinging around while the cart is moving.



Close and lock keyboard trays and drawers before moving the cart.



Ensure that objects being transported on the cart are attached properly. This prevents objects falling off the cart while it is moving.



Before moving the cart, check that the brakes on both wheels are off.



Check before and while moving the cart that persons or objects cannot become trapped by the cart.



The cart must be PUSHED using the handle on the side. You then have maximum control of the cart and you will have a good view of the cart and the route that you are taking. NEVER PULL THE CART.



Adjust your speed to the immediate circumstances. The cart should never travel faster than 2km/hour (1.24 mph) so that control is maintained during unexpected situations. Moving at a normal walking pace (4 to 5km/hour or 2,5 to 3 mph) is too fast.



Do not drive it over inclines and obstacles such as cables and thresholds (elevator entrance). If this is necessary, do it slowly and with a minimum of two persons.



Be aware: a heavily loaded cart always has a certain brake path. Take this into account!



If you plan to move backwards, watch out that you do not become trapped between the cart and obstacles.

### **Usage of the cart**



The equipment on the cart needs electricity to be able to function. The cart is equipped with a 5 metre mains cable for this. Do not lay the mains cable over pathways, and prevent persons from tripping over the cable.



If the cart is equipped with an arm to which a monitor is attached, make sure that when moving (swivelling or lifting) the monitor, the arm does not hit any objects or persons.



Never position the monitor on the monitor arms above a patient/person.



Monitor arms and monitors are positioned outside the cart body. Be careful that you do not bump into it.



**NEVER PULL OR PUSH THE ARM TO MOVE THE CART!**



If the cart is equipped with multiple drawers, open only one at the time. Pay attention to the maximum weight of 5kg (11lbs) put into the drawers.



For stability reasons the castors of the cart are placed outside the cart body. Be aware of the trip hazard.



If any component on the cart is missing or damaged, the cart must not be used.



The power system is designed for power cart mounted equipment only. Do not connect equipment that is not mounted on the cart into the power system outlets. Do not connect equipment that is mounted on the cart directly a power source that is not mounted on the cart.



The supplied 5 meter (16,5 feet) long power cord is rated for medical use. Always connect power plug to a medical grade outlet to ensure grounding protection, and always connect the equipotentiality plug to a valid equipotentiality terminal before use.



Inspect the power cord before each use. **DO NOT USE THE CORD IF DAMAGED.**



Always switch off the central power switch before plugging or unplugging the power cord to/from the mains outlet.



**DO NOT** plug more than the specified number of watts into the power strip.



Fully insert the power cord plug into the outlet. **DO NOT** unplug by pulling on cord.



**DO NOT** remove, bend or modify any metal prongs or pins on the plugs of cord.



**DO NOT** use excessive force to make connections.



Keep power cord, isolation transformer, power strip and internal power cords away from water or other liquids. **DO NOT PLUG CORD INTO OUTLET IF WET.**



**DO NOT OPERATE POWER SYSTEM IF WET.**





DO NOT ALLOW THE POWER CORD, ISOLATION TRANSFORMER OR POWER STRIP TO OVERHEAT.



DO NOT OPEN ANY PART OF THE POWER SYSTEM. Unauthorized personnel opening the power system may cause injury or death.



DO NOT drive, drag or place objects over the power cord. Do not stand or walk on the power cord.



EQUIPMENT not suitable for use in the presence of a FLAMMABLE ANESTHETIC MIXTURE WITH AIR or WITH OXYGEN OR NITROUS OXIDE.

### **Setting up the cart**



When the cart is equipped with monitor arms, do not attach monitors and/or accessories to the arms of which the total weight is heavier than indicated on the arm.



When installing cables alongside the monitor arms, store the cables into the cable channels and make sure the cables are long enough to move around the joints. This prevents damage to the cables during use.



Make sure that the cart meets the tip-test requirements as stated in the UL/IEC 60601-1 standard.

### **Cleaning the cart**



First switch off all the equipment on the car. The mains cable which provides electricity must be removed from the plug point. This prevents you getting an electric shock.



The cart may only be cleaned with a slightly damp cloth with a non-aggressive mild (household) cleaning agent. Do not use abrasive cleaners, solvents, polishers, waxes or steam cleaning tools.



Never use aggressive solvents such as alcohol, thinner or salt to clean the car.



The cart is equipped with an integrated electrical installation. Therefore do not use liquids, this could lead to dangerous situations and breakdowns.

### **Maintenance**



Regularly check that the cart is working properly. If you notice irregularities, have them checked by a qualified person.



Technical maintenance must always be carried out by qualified personnel.



The cart must be checked at least twice a year by authorized technical personnel. Important points are: check for wear and tear, check screws and welding

## 4 Construction of the cart

A cart is assembled to the customer's specifications. The starting point is the basic cart, as shown alongside.

The basic cart can be extended with shelves and drawers, also with accessories such as a camera holder and bottle brackets. Furthermore the cart is equipped with a standard electrical installation which can be expanded with a medical isolation transformer.



### 4.1 Electrical installation

The basic cart is equipped with an electrical installation. This consists of 4-way power strip and a cable channel. The power strip and cable channel is integrated in the side casing.

If the cart has not been equipped with a medical isolation transformer, it is equipped with 5 metres (16,5 feet) of mains cable.

An option is to have the cart equipped with a medical isolation transformer. This would be placed low in the cart; see figure alongside.



## 5 Installation

It is very important for durable and safe use that the cart is made ready for use and maintained in the correct way.

The actions described in this chapter must be carried out before the cart can be used.

1. The cart was been designed for setting out medical and/or electronic equipment ready for use.
2. Attaching accessories, by purchaser or user, outside the cart's wheelbase is at your own responsibility.

### 5.1 Control

1. Check whether the cart and accessories delivered correspond to your order.
2. Check whether the delivered goods have arrived without damage.
3. Claims must be made within 5 business days after receiving the goods.

### 5.2 Making the cart ready for use

1. Check whether the wheels are fixed on properly and tighten them if necessary.
2. You may decide yourself where and how high the shelves, drawers and extendable shelves are to be attached. They are fixed by adjusting screws in stainless steel tubes in the side casings. This can be done with the accompanying Allen key.

3. After all the parts have been fixed in the correct places you should check that all the bolts and adjusting screws have been tightened properly.
4. Take the maximum permitted load into consideration when installing the equipment:
  - Shelf 50 kg
  - Drawer shelf 50 kg
  - Extendable shelf 10 kg
  - In the drawer 5 kg
  - Whole cart 100 kg
5. Attaching accessories to the outside of the cart can influence the balance negatively and is at your own judgement and responsibility.

## 6 Maintenance and inspection

With regard to the safety of the user and his surroundings it is of great importance that the cart is always in a good technical state. After all, a set-up (cart and equipment) is heavy. Unnecessary risks can occur through incorrect use and poor maintenance.

To exclude risks as much as possible, Jansen Medicars advises that the cart should be inspected a minimum of twice a year for defects and loose bolts (castors, trays, monitor arms, etc.). Only authorized technical personnel may execute maintenance to the cart (with reference to the terms and conditions of sales of Jansen Medicars). Never work on the cart when you do not have the required knowledge and competence. If you have a technical service: they must have proper documentation and tools available to perform this maintenance.

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