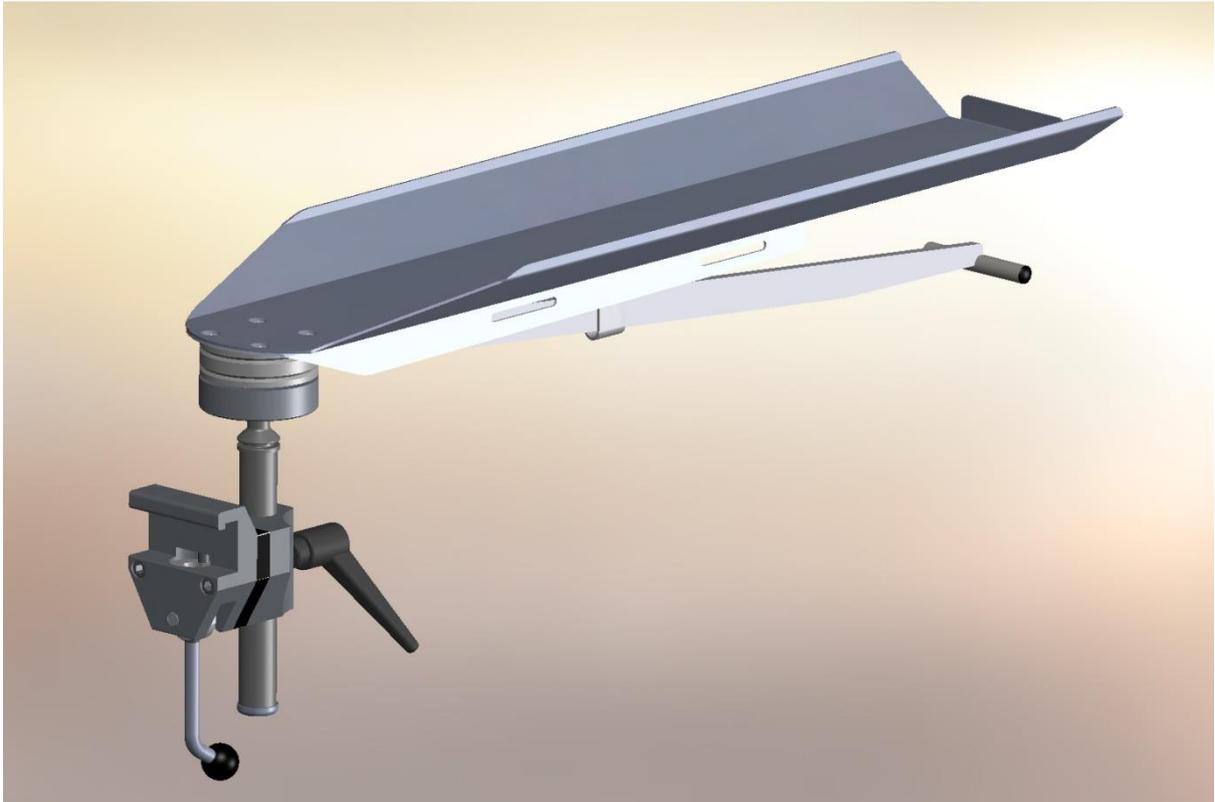


USERS MANUAL

ARM BOARD

10-380



CE

GMDN 10184

PID 51384

REISON
MEDICAL

INTRODUCTION

The arm board is designed to support the arms of a patient at different surgical procedures. The arm board is very easy to adjust in any desired position and is maneuvered by just one hand. It is also very easy to apply to the operating table thanks to the “hook on” clamp with eccentric locking.

ABOUT USERS MANUAL

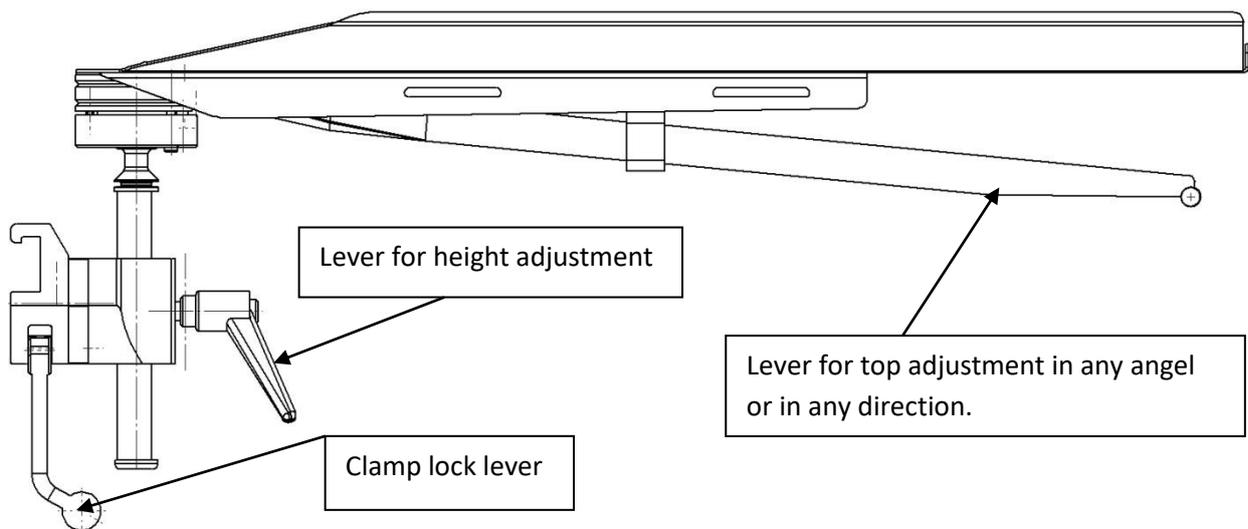
This user manual is for clinical personnel, service personnel and others who need the knowledge about and understanding of how the arm board works and how it can be used.

- Read user manual carefully before use of the equipment.
- Always follow the instructions in user manual.
- Always keep user manual close to the equipment.

INSTALLATION

At the unpacking, check for any kind of damage on the equipment. Also check that all parts according to the delivery note are received. The packing material consists of cardboard and plastic, which all can be recycled.

GENERAL DESCRIPTION



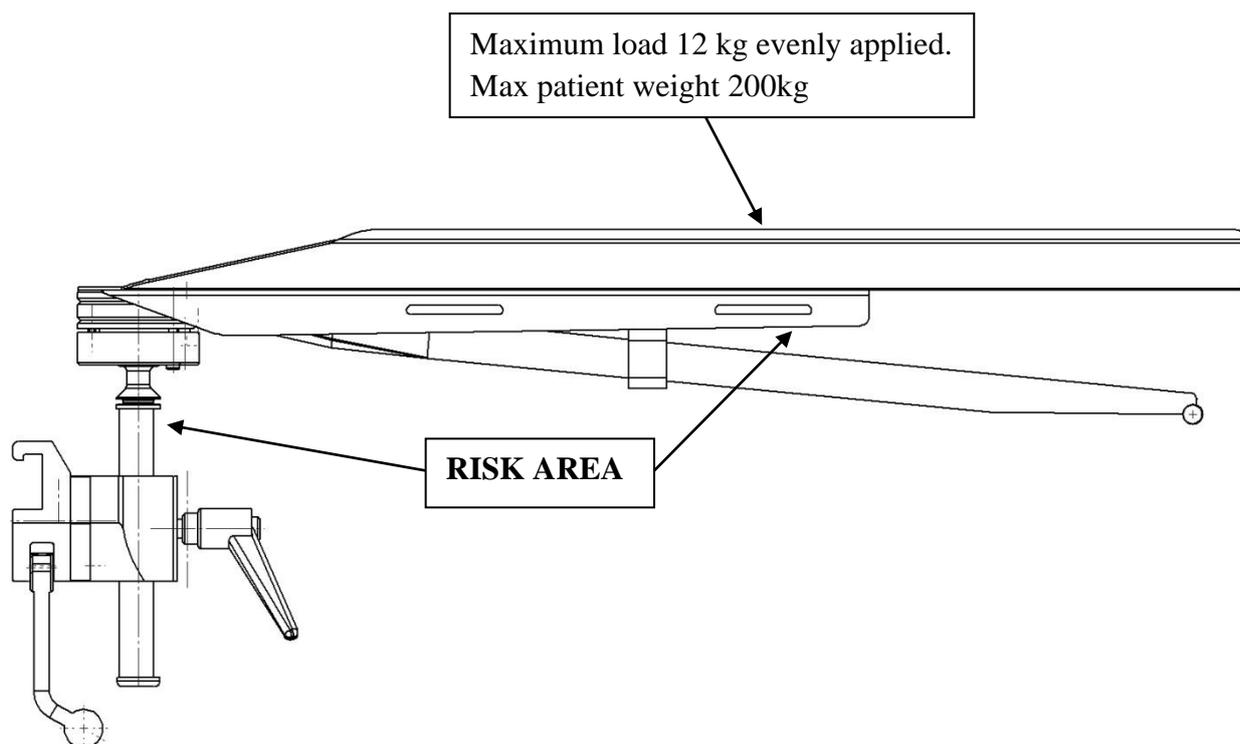
To adjust the top, put the hand at the end of the top, grasp the T-shaped lever with the fingers and pull the lever upwards. The top can now be moved around, be set in any desired angel vertically or laterally. When the top is in desired position, lock by releasing the lever.

To apply the arm board to the accessory rail of an operating table, hook the clamp of the arm board on the rail and lock by turning the lock lever either to the right or to the left. When the lock lever has come to a horizontal position and a slight “click” has appeared, the arm board is correctly locked.

For height adjustment, turn the height adjustment lever anticlockwise, adjust the height and lock by turning the lever clockwise.

**CAUTION! To avoid malfunction in the ball joint, no fluids shall be applied to the ball joint.
The oil film on the ball shall not be removed.**

IMPORTANT SAFETY INSTRUCTIONS



- ❖ If the arm board is to be used with diathermy procedures, the pad must be fixed to the arm board plate by f.ex. Velcro straps to prevent it from sliding. The whole arm board including the maneuver lever must be covered by a sterile bag or anything else to prevent the patient from getting in contact with metal parts.
- ❖ The personnel, responsible for adjustment of the arm board, must be sure of there are no human parts in the risk area when the arm board is adjusted.
- ❖ When the height shall be adjusted and the lock lever is loosened, the top of the arm board must be hold at the underside to prevent it from uncontrolled lowering.
- ❖ When transferring mobile operating table with arm board applied, the arm board shall be turned in over the operating table or dismantled to avoid collisions that could cause damage to the arm board or to other equipment.
- ❖ The arm board is designed for a Safe Working Load of 15 kilograms evenly applied. To keep the safety factor according to the European Standards EN 60601-1 and EN 60601-2-46 the Safe Working Load shall not be exceeded. Overload can cause injuries to the patient or damage the arm board. 15kg Safe Working Load is corresponding to a patient weight of 200kg.

Before every use on a patient, a function control of the arm board must always be done.

- ❖ Service and preventing maintenance shall be done by authorized personnel and according to issued intervals.

CARE AND MAINTENANCE

Be aware of, that all kind of repair and adjustments only can be done by for this purpose educated personnel. Changing of the construction or parts in the construction without a written permission from the manufacturer is strictly forbidden.

Cleaning

Clean with soap and tempered water. If necessary, use alcohol as supplement. **Use no cleaning detergents on the ball joint. The oil film on the ball shall not be removed. Don't spray any detergent on the ball joint. Damp a soft cloth with antiseptic detergent or alcohol for cleaning of the ball joint.**

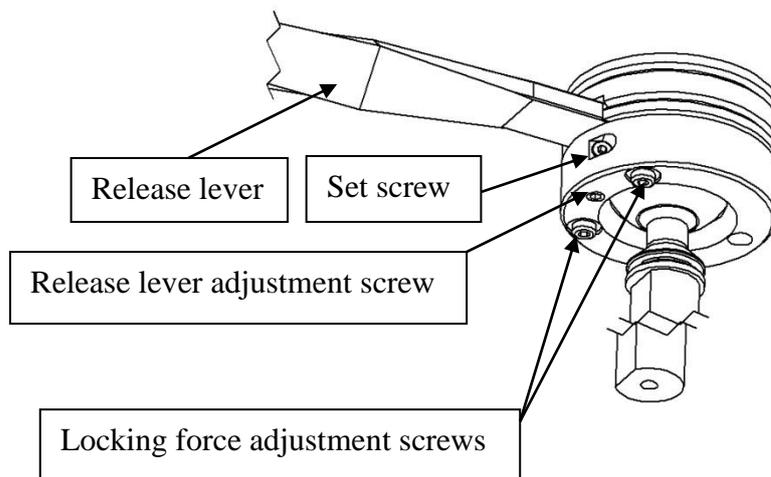
Control

Check that there are no damages to any parts. Also check for loose parts. The locking function is to be checked by locking and unlocking the top in different positions.

Annual service

Once a year the arm board shall be carefully cleaned, moving parts shall be lubricated, the locking function shall be tested and, if necessary the ball joint shall be adjusted.

BALL JOINT ADJUSTMENT



Adjusting of the release point.

Loosen the set screw, adjust the release lever by tighten or loosen the release lever adjustment screw. After correct adjusting, tighten the set screw.

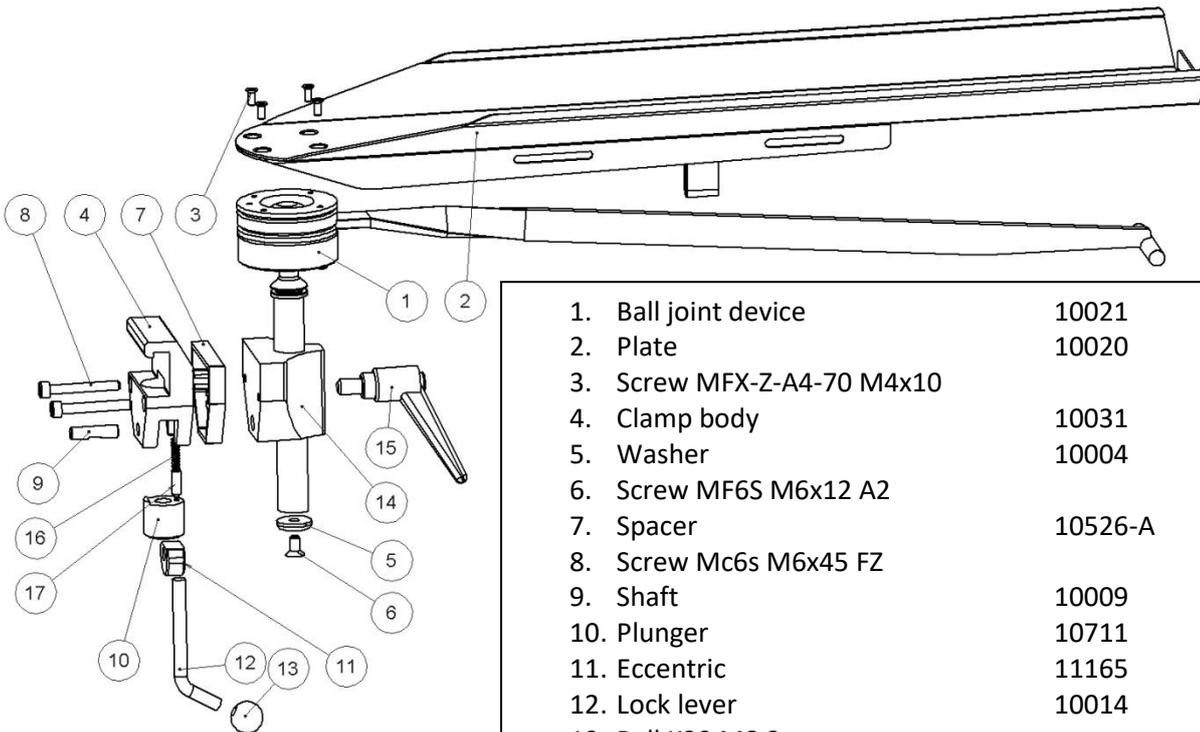
Adjusting the locking force.

For higher locking force, tighten the locking force adjustment screws. For lower force, loosen the screws. Only 1/8 of a revolution is enough to change the force.

When the release lever is in resting position, the arm board shall have full locking force. The locking force is set from the factory to 12kg. At higher load the top begin to slowly drift downwards. This is made to prevent damages to the arm board or on other equipment at a collision.

The ball in the ball joint device shall be oiled with a hydraulic oil ISO VG 32 or similar viscosity.

SPARE PARTS



| | | |
|------------------------------------|---------|-------|
| 1. Ball joint device | 10021 | 1pc. |
| 2. Plate | 10020 | 1pc. |
| 3. Screw MFX-Z-A4-70 M4x10 | | 4pcs. |
| 4. Clamp body | 10031 | 1pc. |
| 5. Washer | 10004 | 1pc. |
| 6. Screw MF6S M6x12 A2 | | 1pc. |
| 7. Spacer | 10526-A | 1pc. |
| 8. Screw Mc6s M6x45 FZ | | 2pcs. |
| 9. Shaft | 10009 | 1pc. |
| 10. Plunger | 10711 | 1pc. |
| 11. Eccentric | 11165 | 1pc. |
| 12. Lock lever | 10014 | 1pc. |
| 13. Ball K20 M8 S | | 1pc. |
| 14. Guide | 10053 | 1pc. |
| 15. Adjustable lock lever 6-593-65 | | 1pc. |
| 16. Spring | 10013 | 1pc. |
| 17. Pressure pin | 10012 | 1pc. |

TECHNICAL SPECIFICATIONS

| | |
|--------------------|---------------------|
| Height | 22cm |
| Width | 18cm |
| Length | 67cm |
| Weight | 4,3kg |
| Safe Working Load | 12kg evenly applied |
| Max patient weight | 200kg |



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