MACH-NE™
X-ray Cassette Holder

Image 1

Description

The MACH-NE™ is a height-adjustable mobile X-ray cassette stand used in computed radiography (CR) applications. It accommodates cassettes of different sizes*.

The MACH-NE™ is also available as a wall mount-mounted product.

Features and Benefits

- Constructed using high-grade steel and aluminum, for cleaning and disinfection with standard medical grade cleaning agents
- Pneumatic height adjustment
- Independent cassette and grid holders
- Cassette and grid can be rotated 90º in either portrait or landscape (see *Operating Instructions,* View C, D)
- Small footprint with large 4" wheels provide for easy movement from room to room with cassettes and grid in place
- Two front locking casters secure placement of the stand

Specifications

- Overall sizes: 26.75"W x 20.75"D x 68"H Maximum height: 85"
- Adjustable cassette holder accommodates all standard cassette sizes such as 8"x10", 10"x12", 14"x17", 14"x34", 14"x50" and more
- Bottom of the cassette and grid can move up to 31" above the floor, accommodating patients of various sizes
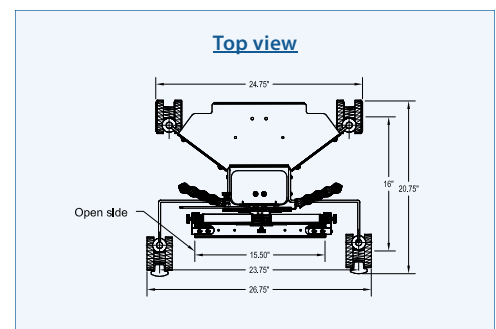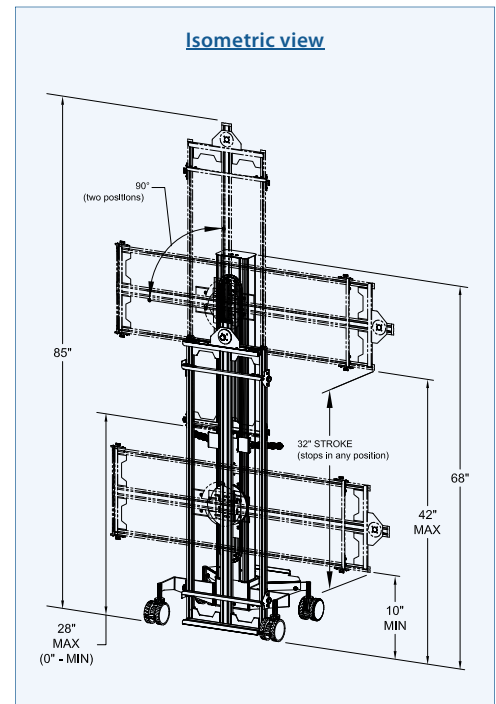
Delivery and package

The unit is shipped completely assembled. Each unit is packaged in a wooden crate. The MACH-NE™ is ready for use as soon as it is taken out of the crate.

Registration

Registration number with FDA is 300 6268923.

* Cassettes and grids not included

Isometric view

90°
(two positions)

85"

32" STROKE
(stops in any position)

68"

42"
MAX

10"
MIN

28"
MAX
(0" - MIN)

Top view

24.75"

Open side

16" 20.75"

15.50"
23.75"
26.75"

MACH-NE™
X-ray Cassette Holder

Upper height-adjustable grid holder that slides on frame and locks by center knob

Upper height-adjustable cassette holder that slides on frame and locks by knobs on either sides

Lower height-adjustable cassette & grid holder that slides on frame and locks by knobs on either sides

Place for UPS (Uninterruptible Power Supply) or other equipment
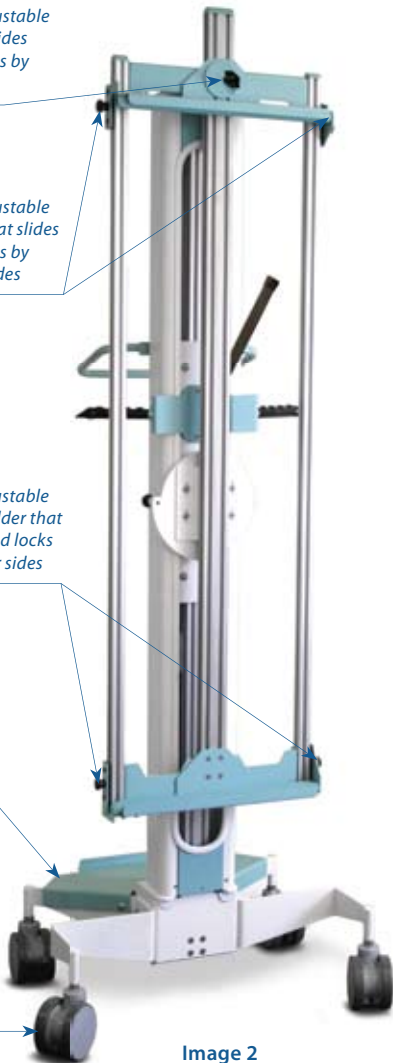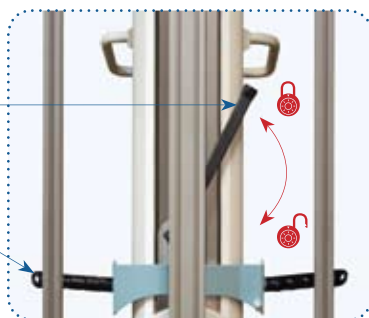
Four 4" inch double casters (two are locking)

Image 2

View A

Locking lever for height adjustment

Handle

Before starting the system, please carefully read this manual and keep it safely for future reference.

Safety

> ⚠ **The safety instructions are to be observed under all circumstances! If the system is inappropriately operated, it might cause danger for persons and objects!**

- Any opening and exchange of equipment may be carried out by appropriately trained personnel only
- In case of malfunction, like unusual noises, all system components are to be removed and kept aside
- Modification of the control and operating element is not permitted
- Components may not be operated in an explosive atmosphere
- When operating the drive it must be watched that no objects (e.g. furniture) get caught
- The unit must always be positioned with its base on the floor

Adjusting the height (see View A)

The cassette holder height is conveniently adjustable with the locking release lever as follows:

1. Loosen the height adjustment lever to "Unlock/Release" position (🔓)
2. Select the desired height by lifting or lowering the cassette by handle to the desired height
3. Lock in the height by tightening the lever

Note: **The height adjusting mechanism is intended to help setting an X-ray cassette to the right level. The cassette has to be placed in position before using or testing the height adjustment. The mechanism may not work properly without a cassette.**
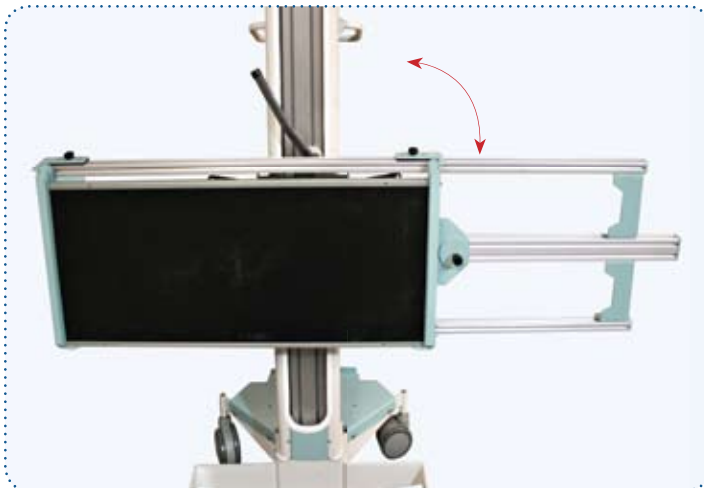
Attaching the cassette

You can insert the cassette by pushing it from the side. The grid can be set at the same way to the front of the cassette. When changing the cassette again, the grid may stay if needed, as the cassette can be inserted from the side (see View B).
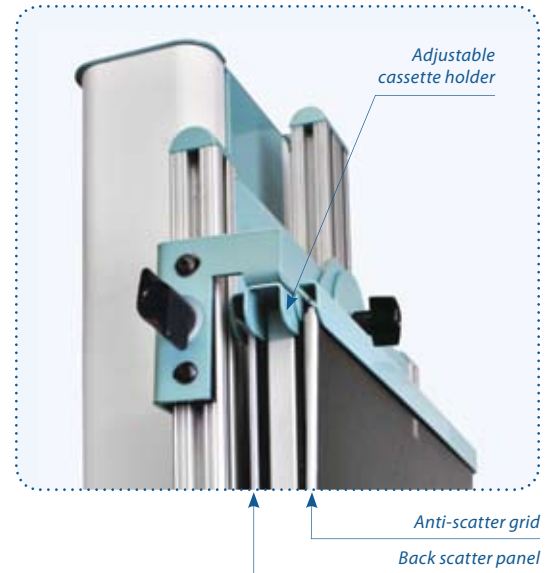
Each of the upper & lower cassette/anti-scatter grid/back scatter panel are height adjustable to accommodate various size cassette/grids (see image 2).

View B

Adjustable cassette holder

Anti-scatter grid

Back scatter panel

View C

Unit shown in horizontal position

View D

Handle

Spring loaded knob that holds cassette holder either in vertical or in horizontal position