



moonRAY  
PRECISIO



Motorized Precision and Safety



A Sago Medica Company

# The first C-arm with **all motorized movements**, with the same dimension of its manual version.

SAME DIMENSION AND **ONLY 10 EXTRA KGS** THAN THE MANUAL MOONRAY VERSION

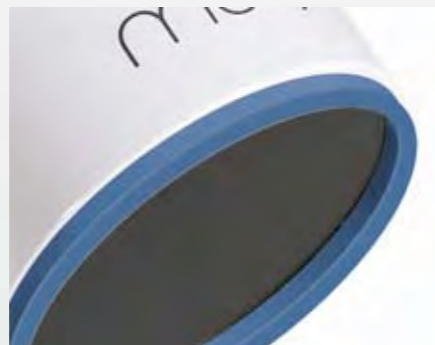
## THE UPGRADE MOTORIZATION KIT

With a minimal modification of the system, it is possible to install the motorization kit on the Manual MOONRAY installed systems.

A unique opportunity to upgrade from Manual to Motorized a traditional MOONRAY system.

## SAFETY BUMPERS

The bumpers mounted onto the Image Intensifier increase the safety when approaching the patient.



## "M2M SAFETY"

Total safety because the Movements of the MOONRAY PRECISIO can be converted from MOTORIZED into MANUAL and from MANUAL to MOTORIZED.

M2M system allows superior safety.

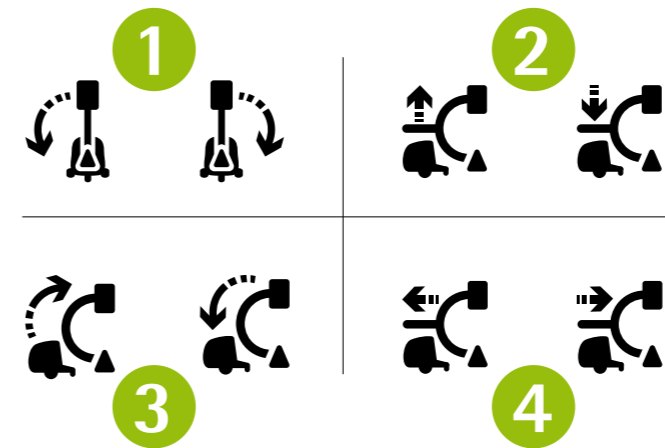


## PRECISION ALWAYS UNDER CONTROL

The MANUAL movements of the MOONRAY PRECISIO are under control and very accurate and clearly displayed on the Command Console.



# Absolute Precision, Repeatable and Motorized in the C-Arm 4 positioning movements.



## PRECISION OF 0.1° IN ALL MOVEMENTS

By means of the 2 joysticks on the Command Console it is possible to move and position the MOONRAY PRECISIO with the maximum absolute precision of 0.1°. Precision under control in real time on the 5" display of the Command Console.

## PROGRESSIVE JOYSTICKS

The progressive joysticks allow a proportional movement speed for an extremely precise and fluid positioning.



## SAVING UP TO 130 POSITIONS

A Command Software developed in accordance with the European norm EN 62304, can manage and save 130 different positioning.

A Precise Reproduction of movement with position saving software.



# A motorized movement to complete the high quality standard of SIMAD range of Digital Mobile X-Ray C-Arms.

## MOONRAY PRECISIO, A SIMAD BLUE LINE PRODUCT

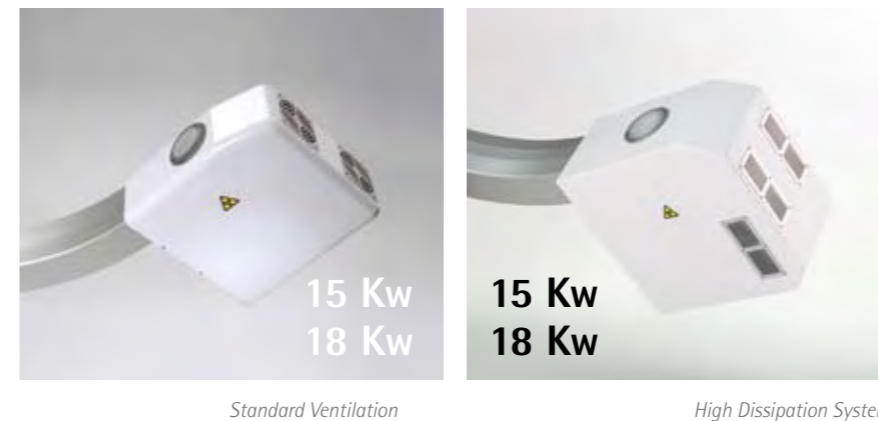
- **LowDoseControl™**
- **AutomaticDoseReport™**
- **DynamicDensityCompensation™**
- **FullDigitalSystem™**
- **1K<sup>2</sup> video chain**
- **DICOM 3.0 Compatibility**

## MOONRAY PRECISIO WITH 9" OR 13" IMAGE INTENSIFIER AND RELEVANT FIELD OF VIEW

- **13"** (13", 9", 7", 4.5")
- **9"** (9", 7", 4.5")



## ALL CLINICAL APPLICATIONS SOFTWARE FOR THE MOONRAY PRECISIO



## 15 KW AND 18 KW X-RAY GENERATORS AVAILABLE WITH STANDARD VENTILATION AND HIGH HEAT DISSIPATION SYSTEM



## ISOCENTRIC FUNCTION

The software of the MOONRAY PRECISIO allows a motorized movement of the "C" and perform the Isocentric function.

The iSOGet™ algorithm can manage and balance automatically all movements of the "C".

PRECISIO is the Isocentric system of a traditional MOONRAY C-Arm system.

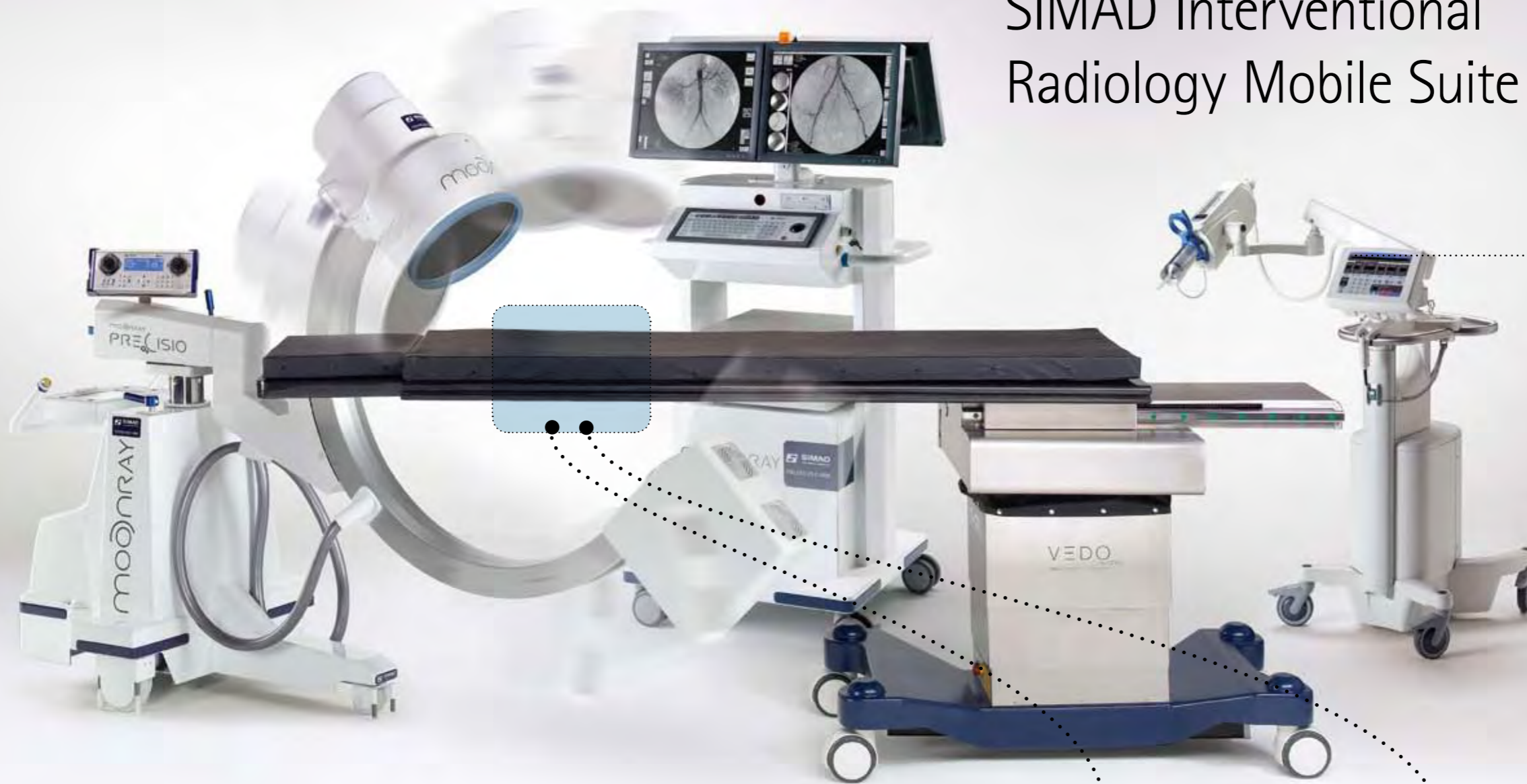


# The Full Integrated SIMAD Interventional Radiology Mobile Suite

INJECTOR  
INTERFACE  
DESIGNED ON  
DEMAND



TABLE-TOP  
TOTALLY MADE IN  
CARBON FIBER



## CONTROL COMMAND CONSOLE

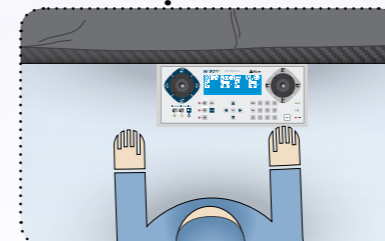
The progressive joysticks puts in action and places the table top and the C-arm fluently and precisely.



VEDO MASTER imaging table  
command console



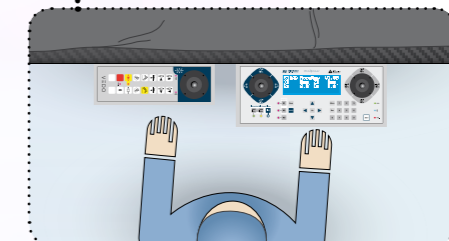
MOONRAY PRECISIO  
command console



## SINGLE COMMAND CONSOLE

SMART configuration with a single command console to control MOONRAY PRECISIO and integrated VEDO MASTER imaging table

or



## TWO COMMAND CONSOLE

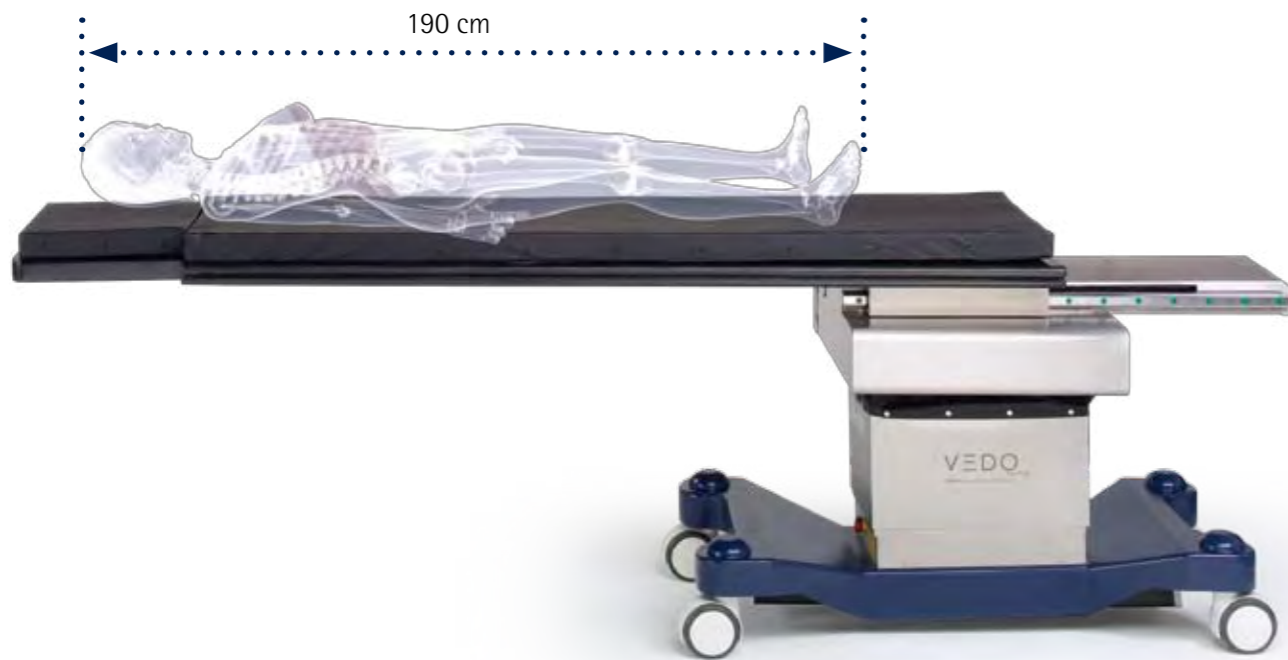
Standard configuration with 2 separate command console:

- 1 for MOONRAY PRECISIO
- 1 for VEDO MASTER imaging table



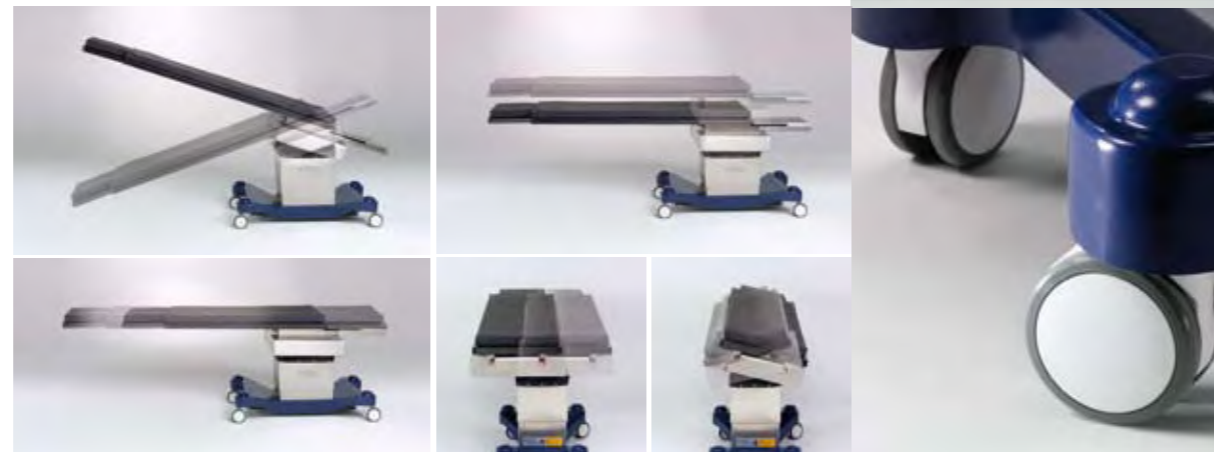
# VEDO MASTER

## A very large imaging area



### ELECTROMECHANICAL MOVEMENTS

- TRENDELEMBURG / REVERSE-TRENDELEMBURG
- LONGITUDINAL SHIFT
- HIGH / LOW
- LATERAL SHIFT
- LATERAL TILT



### ELECTROMECHANICAL WHEEL BRAKE SYSTEM CONTROLLED BY COMMAND CONSOLE

### AVOID UNNECESSARY X-RAY EXPOSURE TO BOTH PATIENTS AND SURGEONS

Clear imaging and all lateral projections without radiopaque obstacles reduce unnecessary x-ray exposures.

MODNRAY  
PRECISIO



A Sago Medica Company



[www.simad.net](http://www.simad.net)  
[info@simad.net](mailto:info@simad.net)



**SIMAD srl**

RESEARCH & DEVELOPMENT  
MANUFACTURING  
TRAINING CENTER  
Tel: +39 051 686 08 11  
Fax: +39 051 686 12 46

**SALES & MARKETING  
ACCOUNTING**

Via Zallone 25  
40066 Pieve di Cento, Bologna  
Italy  
Tel: +39 051 686 08 11  
Fax: +39 051 686 12 46