

## PHILIPS MCRS2000-3

### USED REAL-TIME X-RAY CABINET

Cabinet Image may not be the cabinet that will be provided.



### MANIPULATION / CONTROLS

#### **5- Axis Motorized Manipulator**

There is a five axes manipulator that moves the part between the Image Intensifier and the X-Ray Tube. These motions are motorized and are controlled by DC-Drive Motor Controllers that can be purchased easily in the USA. The Axes are as follows:

<u>AXIS</u>	<u>MOTION</u>	<u>DISTANCE</u>
(X-Axis)	LEFT/RIGHT	24" (+/-12") Travel
(Y-Axis)	UP/DOWN	24" Travel
(Z-Axis)	Part IN/OUT	24" Travel
(Tilt-Axis)	Tilt of Turntable	$\pm 20$ Degrees Travel
(Rotate-Axis)	Rotation of Turntable	360 Degrees / Safe Load – 100Lbs.



## **PHILIPS MCRS2000-3 MANIPULATOR**

### **Pendant Joystick**

The 5-Axes Manipulator will be controlled by a joystick pendant (See Image Below). The joystick, when actuated, control the speed and direction of the motor for the X, Y, Z, Tilt and Rotate Axes.

## CONTROL CONSOLE

There may be a dual bay as shown below or a single bay Control Console that will house all the required equipment such as the Pendant Joysticks, Manipulator Controls, X-Ray Controller, Monitor and System On Panel. Check with Sales as to which one is provided. Any other Options will be mounted inside this console as well.



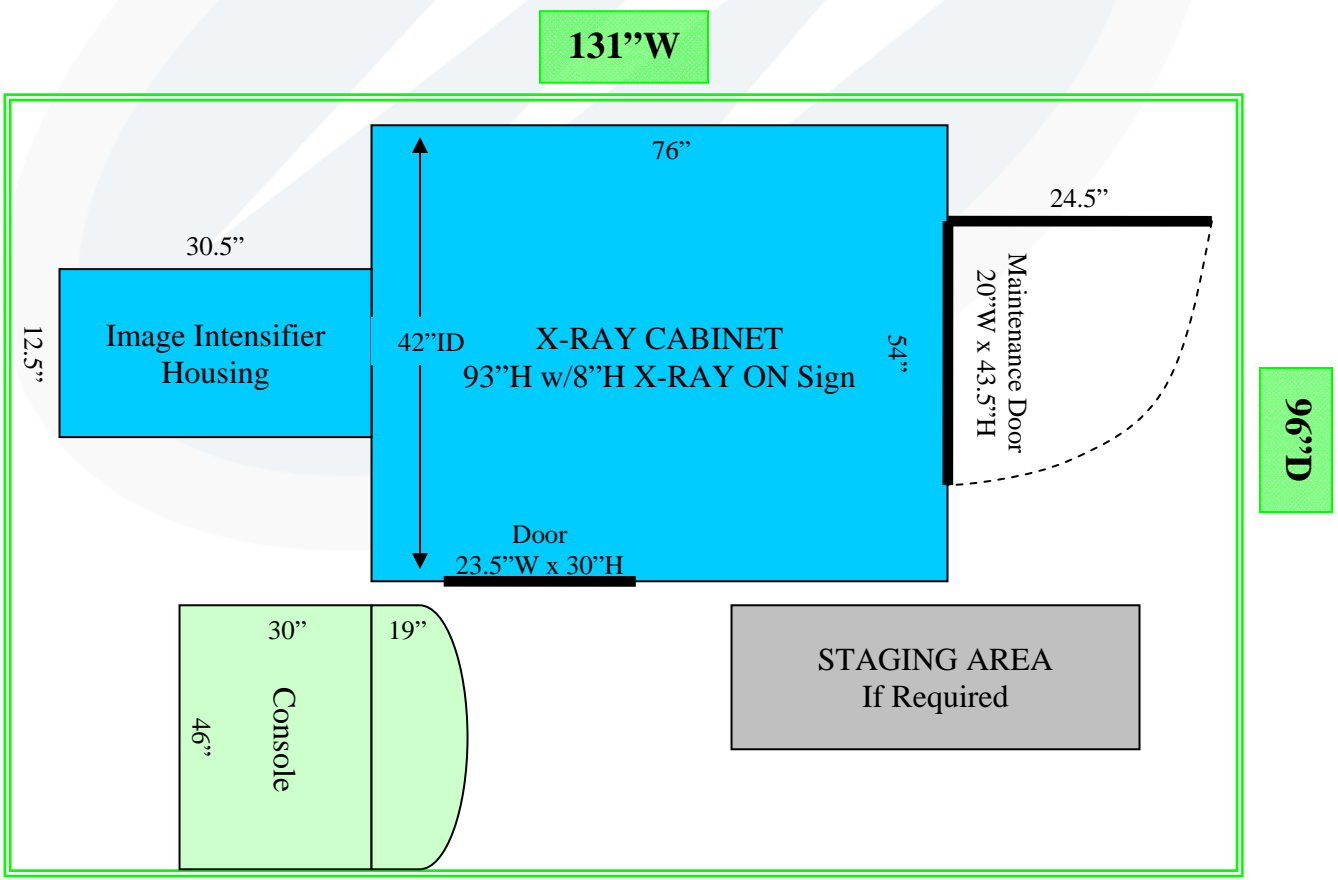
## X-RAY RADIATION SYSTEM

The X-Ray System is a Philips MG161, 60Hz X-Ray System with a 160kV X-Ray tube made for Real-Time Inspection. The System includes:

- |  |  |
|--|--|
| 1) MGC03 Microprocessor Controller         | 4) 160kV 5 Meter High Voltage Cable    |
| 2) 160kV(-) Generator w/3.2kW Power Supply | 5) 160kV Metal Ceramic X-Ray Tube Real |
| 3) 1.0kW Water Cooler w/5 Meter Hoses      | 6) Interconnect Cables for integration |



**PHILIPS MCRS2000-3 CABINET SYSTEM**  
**FOOTPRINT/WORKSPACE**  
**RECOMMENDATIONS**



**GENEROUS WORKSPACE = 131" W x 96" D**