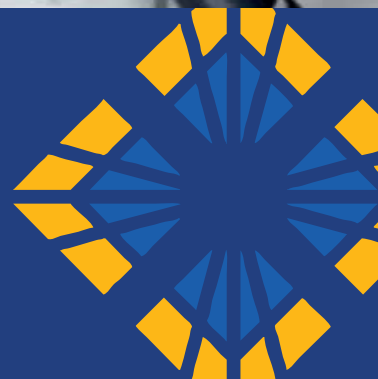


*Agility*



**AGILITY**

Product Data



# Main Procedures

Agility is a **single unit** powerful mobile fluoroscopy system, with very high image resolution in surgical applications.



## Agility

- Positioning of prosthesis and the installation of plates
- Fractures repairing in different anatomical regions
- Neuromodulation and laser nucleolysis
- E.R.C.P.
- Pacemaker or catheters implant in thoracic regions
- Urology and histero
- Cerebral, thoracic and peripheral vascular using DSA function
- Pain therapy
- General intra-operative

# Ergonomic

## Main Features:

- All-in-one unit, reduced footprint. Large C-arm depth for maximum accessibility, S.I.D. >108cm.
- Smart operator console: all controls with multi-touch user interface, displaying live image.
- Single unit system, all components are integrated in the C-arm stand without monitor cart.
- Very small footprint , ideal for OR with limited surface.
- 27", 4K medical multi touch monitor on an articulating arm, height & angle adjustable; equivalent to 2x19" monitors, displaying simultaneously live and reference images.
- Removable grid for low dose surgery and grid less procedures.
- Flat Panel with very high sensitivity.
- Full-touch "smart" user interface.
- Extended C-arm free space.
- Image free of distortion.
- +95° -65° orbital rotation.
- X-ray generator - 5kW max.
- Special soft covers base protector against accidental collisions.



# Operator Control Panel

- Full-touch “smart” user interface
- Real-time image display
- Compact LED display & high performance professional PC
- Comfortable operator view at any positions

Smart user interface	Full touch operation, no keyboard and mouse
Technology	Multi-touch, color 12.5” LCD panel
Application	Image live and full operator interface control
Console positioning	±135° rotation
Display resolution	1,920 x 1,080 pixels
Display useful area	276.5 x 157.5 mm



# Flat Panel Detector Unit

## Main Features:

- Dynamic Flat Panel surgical dedicated
- High Resolution Fluoroscopy: 2.4lp/mm (for 2121DXV) and 2.6lp/mm (for 3030DXV)
- aSi & CsI Layers
- High Sensitivity
- Robust and compact



Model	2121DXV	3030DXV
Receptor type	Amorphous silicon	Amorphous silicon
Conversion screen	Integral columnar CSI:Tl	Integral columnar CSI:Tl
Pixel pitch	205µm	194µm
DQE @ RQA5	0 lp/mm - 80% 2.0 lp/mm - 40%	0 lp/mm - 80% 2.0 lp/mm - 44%
MTF	1.0 lp/mm - 55% 2.0 lp/mm - 22%	1.0 lp/mm - 55% 2.58 lp/mm - 15%
A/D conversion	16 bits	16 bits
Useful area	209.9mm x 209.9mm	298mm X 298mm
Matrix	1,024 x 1,024 pixels	1,536 x 1,536 pixels

# Flat Panel Detector Unit



## Anti-scattering X-Ray Grid

Special application (Pediatric)

Removable grid without use of tools

Material

Aluminum

Line rate

80 Lines/cm ratio 8:1

Focus distance

100cm

## Laser Localicer

Operation

Cross light on flat panel and x-ray tube side

Laser diode power

< 5mW, 1 M Class

Wavelength

635nm





# View Station

- Very high brightness and contrast color medical displays
- 27", 4K multi touch monitor, adjustable in height & angle
- 10 points multi-touch user interface
- Easy to clean without keyboard & mouse
- Reduced C-arm bulkiness
- DIN 6868-157 compliant



Smart user interface	Full touch operation, no keyboard and mouse
Technology	Multi-touch projected capacity touch screen, LED backlight
Image quality	Ref. DIN 6868-157, Compliance DICOM room RC2-RC3
Application	Medical display, clinical review monitor
Size, resolution, view angle	Single 27" (2x19" equivalent), 2,560 x 1,440 pixels, 178° (H/V)
Brightness	350Cd/m <sup>2</sup> max
Contrast	Typ. 1,000:1
Displays height	144-186 cm continuous adjustable
Displays rotation	±180° continuous adjustable

# X-Ray Generator

Max power	5 kW
High frequency	40 kHz
Max voltage	120 kV
Max mA in continuous fluoroscopy	5 mA
Max mA in pulsed fluoro	40 mA
Max mA in digital radiography	100 mA



## Main Features:

- Smart power management to handle long procedures.
- Controlled power X-Ray pulse for the best penetration and clear image.



## X-Ray Monoblock

Model	Passive Cooling	Active Cooling*
Total thermal capacity	1,020kJ	1,890kJ
Continuous total thermal dissipation	130W	250W
Total filtration	3 mm Al	3 mm Al

\*Not available for North American market yet.

## X-Ray Tube

Model	Rotating Anode
Focus	0.3mm / 0.6mm
Anode thermal capacity	225kJ (314 kHU)
Anode continuous heat dissipation	750W (60 kHU/min.)
Max heat dissipation	1,300W (104 kHU/min.)
Max anode load SF/LF	6 kW – 25 kW

## X-Ray Collimator

Field	Motorized Square field, continuous adjustment
Blades	Motorized, continuous rotating asymmetrically adjustable parallel shutters
Remote controlled filters	No filter, 2mmAl+0.1mmCu, 1mmAl+0.2mmCu



# Options

## Wireless Viewstation

Power supply battery	Lithium polymers
Autonomy	More than 8 hours
WiFi transmitter and receiver	60GHz
Video	Full HD
Operative area	Ø10m in operating room
Conformity	Medical use in the operating room
Display	24" Full HD medical
Trolley	For medical use

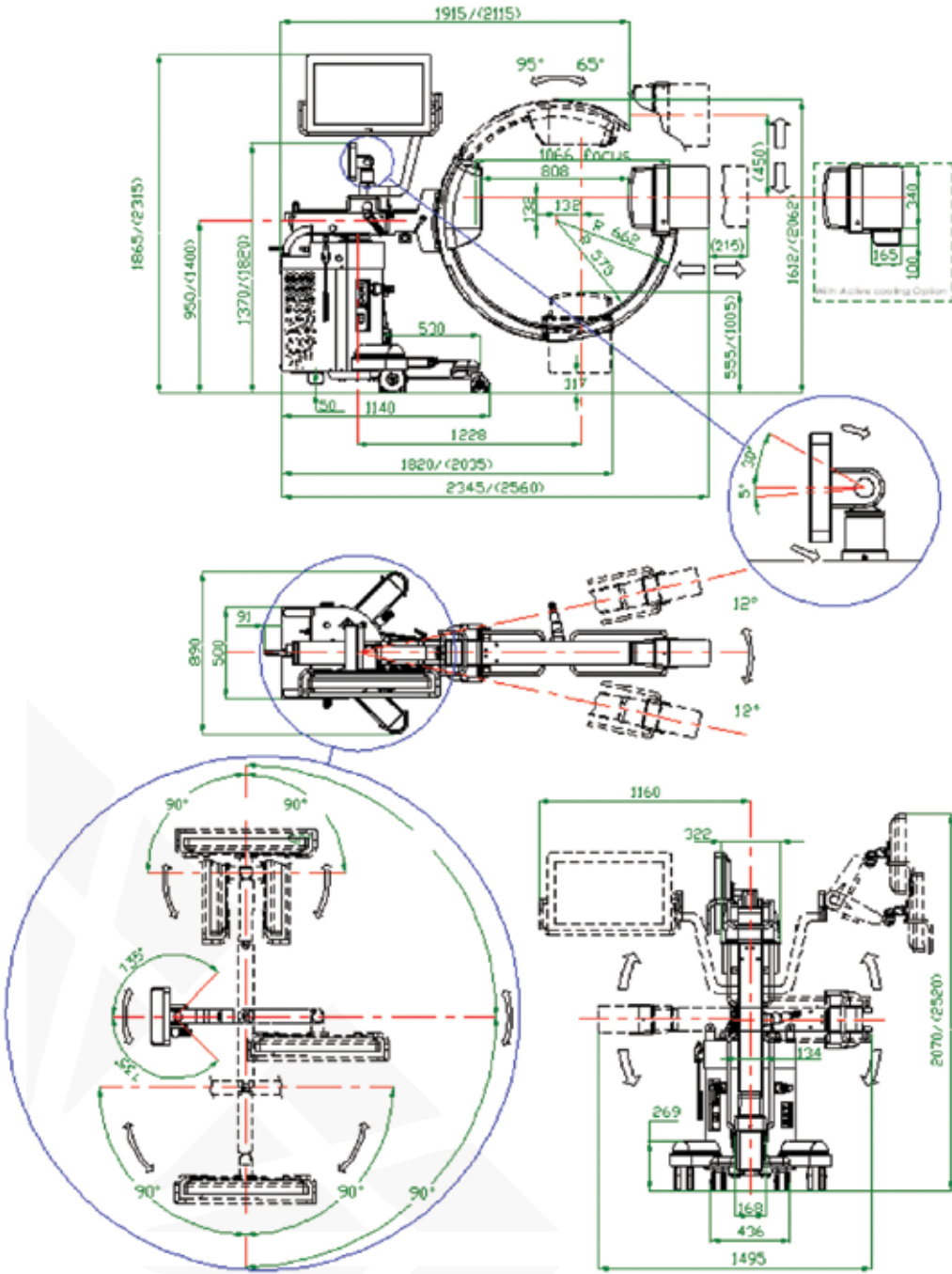


## Digital Thermal Medical Printer

Resolution	325dp
Print format	A6-320x100mm
Print speed	3.3s (960x1,280 dots)
Video	Full HD

# Dimensions

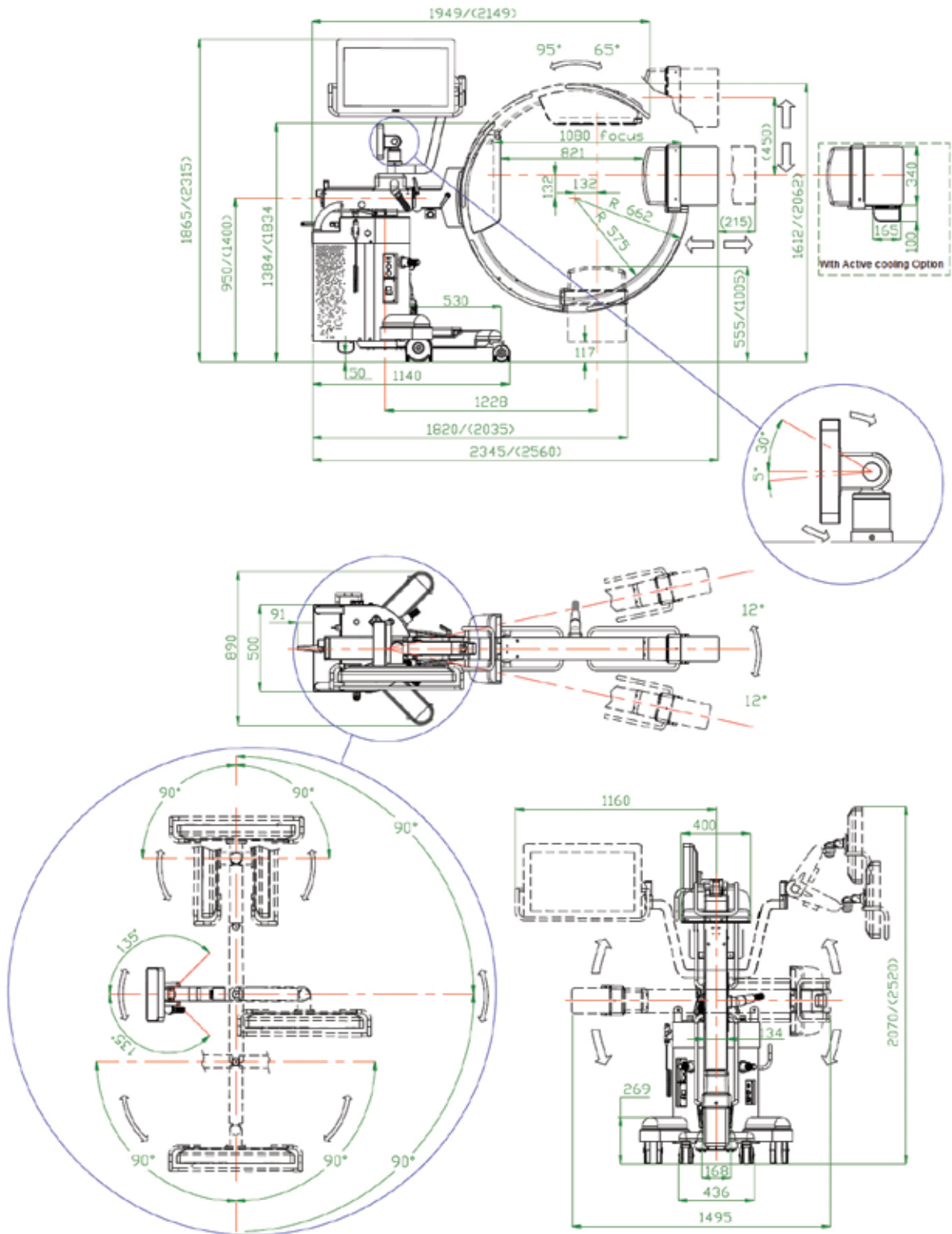
## AGILITY 0521



- Weight 310Kg



# AGILITY 0530



# PIONEERS IN RADIOLOGY SINCE 1984

## A NETWORK OF SERVICE + SUPPORT

Enjoy all the advantages of our successful service network. From the first shot to the last managed image, we work to continually improve your imaging performance and patient experience.

Summit Industries' successful service network surrounds you with a dynamic team of exceptional experts. Your organization and your patients will benefit from the experience and best practices that only Summit Industries and its authorized dealer network can offer.



AMRAD Medical Agility Product Data

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