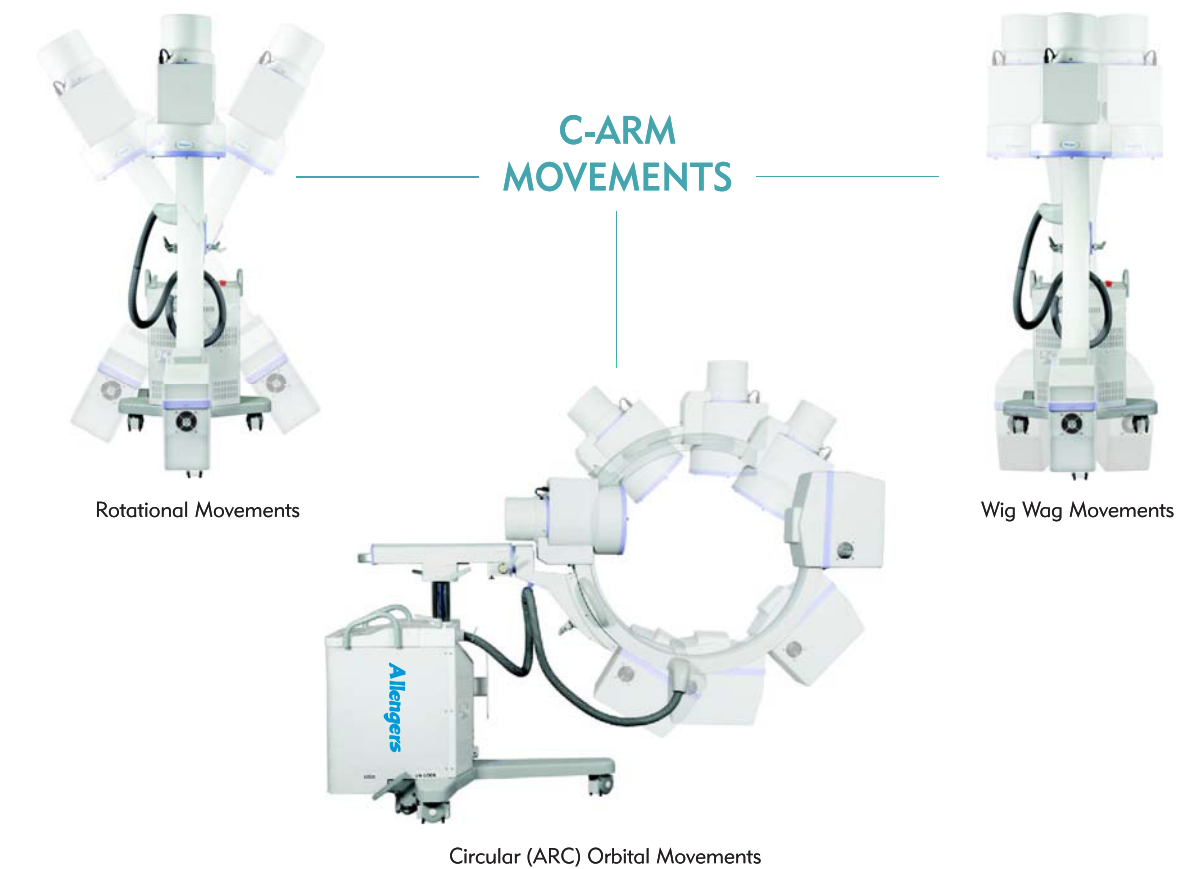


Major Technical Specifications

Parameters	HF 59	HF 59 R	
X-Ray Generator	50 KHz high frequency		
Output	3.5 KW	6 KW	15 KW
Radiographic mA	30 - 70 mA	30 - 120 mA	120 - 200 mA
Fluoroscopic mA (Normal Mode)	0.1 - 5 mA	0.1 - 5 mA	0.1 - 5 mA
Fluoroscopic mA H.D Mode* (Max mA) (optional)	7.5 mA	20 mA	30 mA
Tube Head	Monoblock		
X-Ray Tube	Stationary	Rotating	
X-Ray Tube Focal Spots	Dual		
Focal Spot Sizes	0.6mm (FLR) & 1.5mm (RAD)	0.3mm (FLR) & 0.6mm (RAD)	
Imaging Chain	Digital		
Image Intensifier Tube	9" (230mm) Triple Field (Normal - 9", Zoom ₁ - 6", Zoom ₂ - 4.5") 12" (Optional)		
CCD Camera	625 lines Interlaced scanning 1/2" CCD Sensor	1K X 1K high resolution Progressive scanning (equivalent to 1000 TV lines) 2/3" CCD Sensor	
Monitors	2 Nos. 17"/19"/21" LCD monitors as per user intended application. (mounted on a modular trolley).		
Memory	Green Image (LDHD) / 1K x 1K imaging memory		



Other Features

- Steering handle for movement.
- Foot operated lock for C-Arm.
- Locks for wig wag, horizontal, circular and rotational movements.
- Servo voltage stabilizer.
- Foot switch.
- Exposure indicator.
- Emergency stop.
- Image intensifier head safety lock.
- DAP Meter (optional).
- Lazer centering device (optional).
- Collimator Iris / Parallel Shutter (optional).

Power Requirement

230 V AC \pm 10% (Model Specific \pm 20%), 50Hz, 15A (or as per voltage / frequency available), single phase, independent earthing.

HF 59 R C-Arm in use during pain cadaver workshop at GMCH, sector-32, Chandigarh / AIIMS, New Delhi



Quality, System and Safety Certifications



MANUFACTURED & MARKETING BY:
ALLENGERS MEDICAL SYSTEMS LTD.
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TOLL FREE NO. 1800-266-8800 (INDIA)

For detailed technical specifications, please refer to the respective product data sheets / quotation.
Due to continuous product improvements, specifications and appearance are subject to change without prior notice.

Allengers
Passion for excellence



4th GENERATION
HF C-Arm
HF 59 / 59R



Silence is spoken here.....



.....Quality speaks for itself

AMSL/VOL-2(12/17)

4th GENERATION HF C-Arm HF 59 / 59R

Besides the fact that they work as great as they look, these models of Allengers (HF 59 / 59R) are loaded with multifunctional features for diverse application needs.

HF-59 Powered by Green Image - LDHD (Low Dose High Definition) Imaging System :

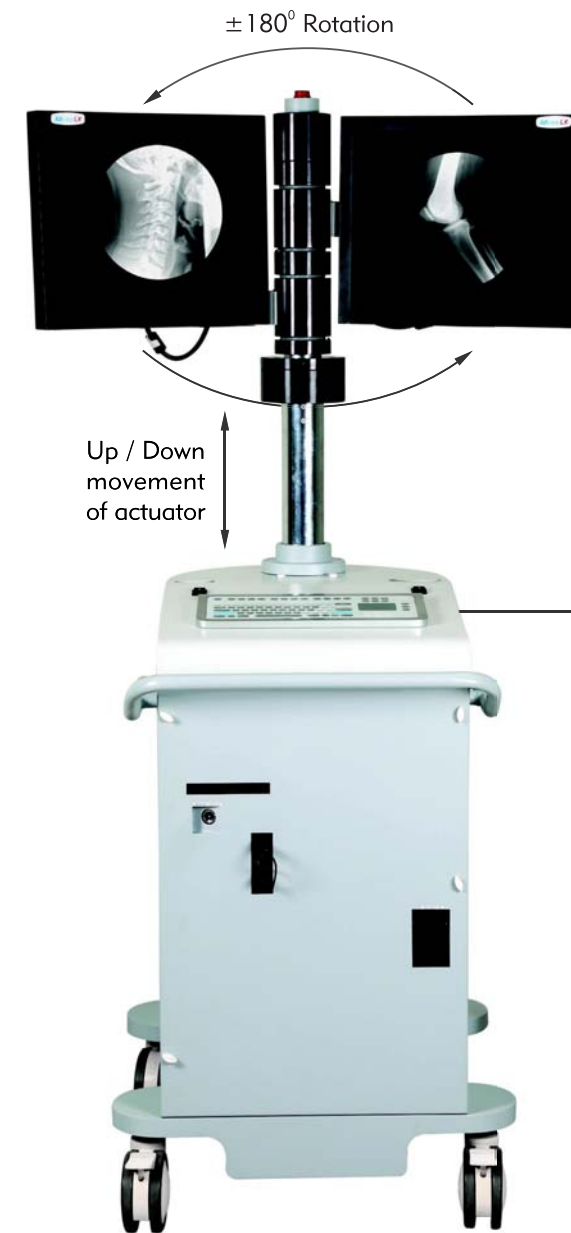
- Offset and gain adjustment for improved image quality.
- Text annotations and provision of removal of all text from the image.
- Image storage capacity of approximately 10000 images.
- Automatic capture and storage of cine loop with cine foot switch.
- Thumbnail views of complete study.
- Pulsed fluoroscopy.
- Frame by frame review and frame rate selection.
- Printing options in different formats (frames of different loops can be printed on the same sheet).
- LAN connectivity.
- Preview collimator.
- CCD camera (1/2").
- DICOM compatible (Optional).

HF-59 Powered by 1K x 1K Imaging System :

- User preference : customized user selectable imaging parameters.
- Image processing software with real time image capturing, storage and display in 1K x 1K format.
- More than 10,000 images storage capacity in 1K x 1K format.
- CCD camera with a progressive scan sensor of 2/3" of 1K x 1K medical grade with auto IRIS and ND filter.
- DICOM compatible : (DICOM 3.0).
- Software collimator.
- Digital Subtraction Angiography (DSA) : Through this upgradation, the C-Arm can do peripheral and vascular DSA. Features like Roadmap, Pixel Shift and Mask are provided.
- Parallel copper filter (optional).



If you are looking for the latest in
HIGH END C-ARMS
look no further



Monitors (special features) :

- Foldable monitors.
- Monitors can be rotated $\pm 180^\circ$.
- Actuator assisted up / down movements of monitors to facilitate viewing of images at most convenient eye level positions.

High Quality
.....Superb Images

Modular Trolley :

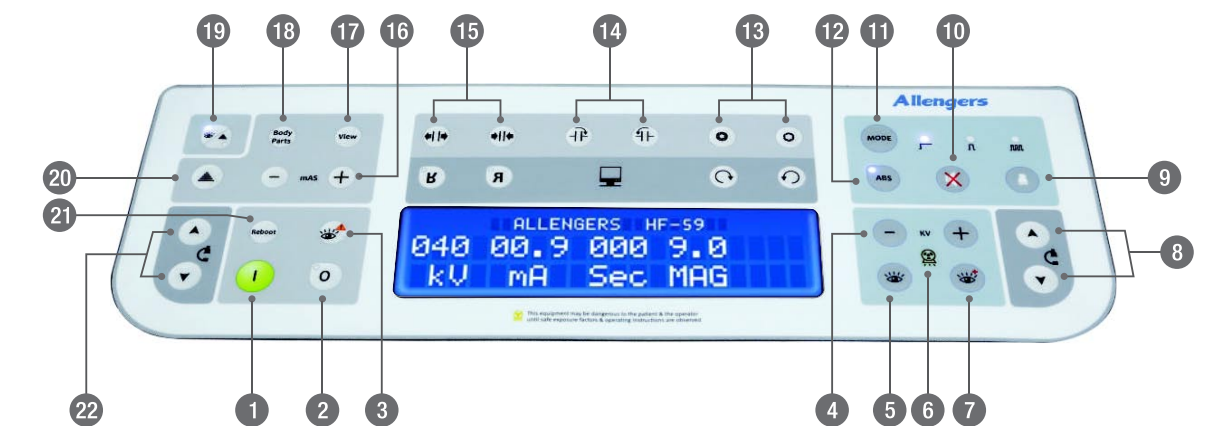
Ergonomically designed compact mobile modular trolley with under-noted inbuilt features:

- Specially designed integrated keyboard having feather touch keys and touch pad.
- 5 inch wheels for better mobility with kick stop provision in two wheels for parking stability.
- A sleek handle to move the trolley.

Spillproof Keyboard + Mouse



C-Arm Control Panel



1. Machine 'ON' key.
2. Machine 'OFF' key.
3. Emergency exposure key.
4. KV increase / decrease key.
5. Fluoro exposure key.
6. X-Ray indicator.
7. High definition exposure key.
8. C-Arm up / down key.
9. I.I. zoom key.
10. Buzzer reset key.
11. Fluoroscopy mode key.
12. Auto Dose Rate (ADR) control.
13. IRIS open / close key (optional).
14. Collimator shutter clockwise / anti-clockwise rotation key (optional).
15. Collimator parallel shutter open / close key (optional).
16. mAs decrement key.
17. View in APR mode.
18. Body part change key.
19. Fluoroscopy / Radiography mode selection key.
20. Radiographic exposure key.
21. Reboot key.
22. C-Arm up / down key.