

# PHILIPS

## Circular Edition systems

Especially designed for  
**PHILIPS**

# Circular Edition systems

## Rethink new

Philips applies circular innovations to transform pre-owned medical imaging equipment into high-quality Circular Edition systems. These systems are indistinguishable from new and come with the same warranty, service and training as any new Philips system, but cost 25% less than a new Philips system. It is a future-proof and cost-effective solution, giving you the Philips experience while offering a great return on investment. The Circular Edition portfolio consists of MRI and CT equipment, Image-guided therapy and Mobile C-arm systems and Ultrasound.



More value for money



Same-as-new quality, support and warranty



A sustainable solution

### More value for money

Circular systems offer you high quality and performance at an affordable price. You get more clinical capabilities at similar budgets to economy systems and access to same-as-new upgrades. On average, you save 25% compared to the same new Philips system. With the increasing pressure on healthcare spending, it is a cost-effective solution that offers a better return on investment.



Extended clinical capabilities at similar budgets to economy systems



25% savings on average compared to the same new system



Access to the same new upgrades, making it a future-proof solution



## Same-as-new quality, support and warranty

Our state-of-the-art circular innovations ensure same-as-new quality and performance. Each system undergoes a rigorous and high-standard refurbishment and/or remanufacturing process, where obsolete or defective parts are replaced with original Philips components. The systems are custom configured to meet your facility's needs and come with the latest available software. This is supported with the same warranty, service and training as new Philips systems. The result: same-as-new reliability and uptime, making Philips Circular Edition systems indistinguishable from new.



State-of-the-art circular innovations, ensuring same-as-new quality and performance



Same warranty, service and training as buying a new Philips system



Custom configurable and comes with latest available software

## Philips circular processes



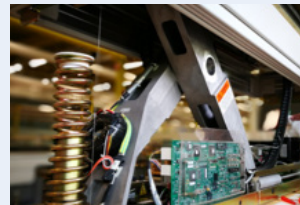
### Step 1

First, the system is cleaned and disinfected



### Step 2

The system is cosmetically refurbished



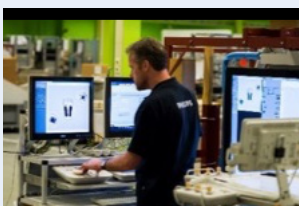
### Step 3

All components are thoroughly inspected and tested.



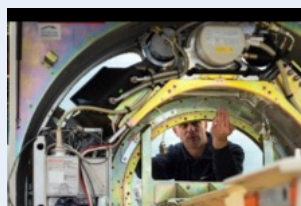
### Step 4

Obsolete or defective parts are replaced with original Philips components



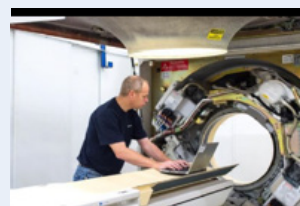
### Step 5

Latest software and field updates are installed



### Step 6

Systems are fully configured to meet your facility's needs



### Step 7

Full performance and image quality checks are performed

## Highlights circular processes for our portfolio



### Magnetic Resonance

The in-depth process starts by testing all components and repairing or replacing defective or outdated components. This includes new gradient cables, water hoses, a rebuilt cold head and a new compressor absorber. All applicable system performance tests are executed, and image quality is measured against the original specifications. The system is delivered with the latest hardware console, the latest available software at the time of ordering and a new accessory set, which includes all pads and straps.



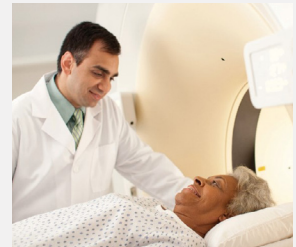
### Mobile C-arm systems

The rigorous tests cover key system components such as the X-ray tube, iris, shutter, collimator and laser. Mechanical component testing includes C-arm, monitors and keyboard. In addition, image quality standard tests of dose penetration, contrast range, and X-ray resolution are performed to analyze integrity and guarantee full specification compliance. Finally, the latest available software is installed.



### Computed Tomography

During inspection and testing of all components, defective or outdated components are repaired or replaced, including the main bearing and optimal slip ring, the detector modules, and cooling unit. Each system comes with a new X-ray tube, the latest console hardware and the latest available software. New cables at original length and a new accessory kit are installed.



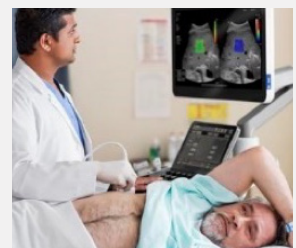
### Image-guided therapy

Parts that are defective or outdated are replaced with original factory parts. Each system is equipped with a brand new X-ray tube and the Flat Detector is tested extensively to analyze integrity and guarantee full specification compliance. Durable system geometry is tested to ensure performance according to the original specifications. Finally, new interventional computer hardware and the latest available software are installed.



### Ultrasound


The Ultrasound circular processes start with a complete deconstruction of the system down to the bare frame. Control panels are extensively inspected, and refurbished if necessary. The circuit printed boards are examined under microscopes in order to detect possible errors due to transportation or usage. Acceptance and safety tests are performed to guarantee performance to the original specifications. New options and features are added, for example the HD-max monitor or OLED screen and a full range of transducers.





## A sustainable solution

With the growing demand for healthcare and increasing pressure on our environmental ecosystems, circular medical equipment is a sustainable solution that empowers a circular economy. Our 25 years of experience in applying circular innovations results in reusing 80% average weight\* of pre-owned systems. It helps to lower your carbon footprint and reach your sustainability goals, while you help build resilient local healthcare systems with high-quality equipment at affordable prices.

 Lower your carbon footprint and achieve your sustainability goals: Philips Circular Edition systems reduce the need to extract virgin materials by 80% in weight average.\*

 Contribute to a circular ecosystem

 Extend access to high-quality care at affordable prices

## Driving the transition to a circular economy

As a global health tech leader, Philips is committed to do what it takes to drive environmental impact and transition to a circular economy. The circular economy is focused on a make-use-return and repurposing cycle. It aims to keep products, components and materials at their highest utility and value at all times during multiple life cycles. This minimizes waste, pollution, and the extraction of finite resource reserves. In healthcare, a circular way of doing business can contribute to long-term economic growth, coupled with care for our planet and society.

Our approach to a circular economy touches on a lot more than materials and recycling. By offering a hassle-free trade-in on existing Philips systems, at an attractive residual value, we take back all medical equipment that becomes available to us and transform this equipment into high-quality circular systems that have undergone our state-of-the-art refurbishment and/or remanufacturing processes. By doing this we reduce healthcare's environmental impact together, while letting you benefit from and contribute to a circular economy at the same time.

### Phase 1

#### Trade-in

We are committed to take back Philips systems when customers are ready to return them to us and offer a good trade-in value.



### Phase 2

#### Refurbishment and/or remanufacturing

Philips systems that meet our requirements are transformed to same-as-new equipment after letting them undergo state-of-the-art refurbishment and/or remanufacturing processes.

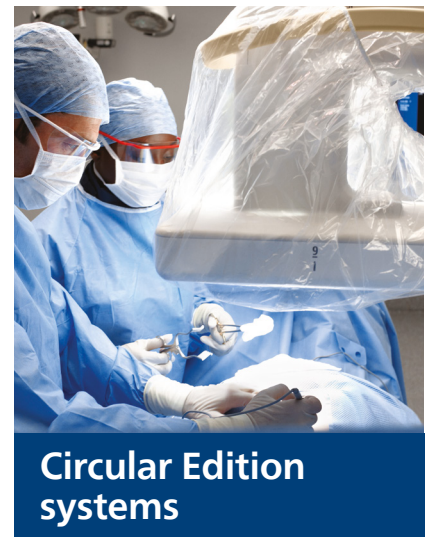
#### Parts recovery

Other systems still have value because of parts that can be used as spares. Recovered parts are indistinguishable from new parts.

#### Recycling

If we cannot refurbish and/or remanufacture or recover, we recycle raw materials in a sustainable way.

### Phase 3



\* Based on the average weight re-use percentage per system for Philips circular CT, MRI, Image-guided therapy & Mobile C-arm systems in 2020 and Ultrasound systems in 2021.



For further information, visit

<https://www.usa.philips.com/healthcare/solutions/philips-circular-systems>