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## **HOW DOES A HOSPITAL MACERATOR WORK?**



Macerators provide an unparalleled level of safe human waste disposal in healthcare settings.

Minimising the handling of waste while simultaneously maximising its safe removal from your facility, a pulp macerator is key to hygienic sluice/dirty utility room operation.

When caring for patients and service users, the management of human waste disposal is a necessity. Implementing a robust infection control strategy will help to protect these individuals from the contraction of HCAs such as clostridium difficile (C. diff) – a pressing concern for many healthcare institutions.

When using disposable medical pulp products to collect and dispose of human waste, a macerator is often considered the most efficient way to destroy both the [pulp](#) and its contents.

Using a series of blades to pulverise the waste, a macerator will shred the items into tiny particles which can then be safely dispersed into the sewerage system without risk of blockages.

DDC Dolphin Pulpmatic Macerators are designed specifically for disposing of medical pulp products.

As such, they are considered as efficient and [economical](#) as the pulp waste collection vessel itself.

Using cold water and minimal electricity, pulp macerators are easy to use and install, fitting into most dedicated sluice/dirty utility rooms and even patient isolation rooms.

Featuring patented hands-free technology, the [Pulpmatic Macerator](#) uses a proximity sensor to action the closing of the lid, while a footcup sensor is used to open; the surface of the machine, meanwhile, has antimicrobial coatings. The combination of these features means the macerator remains sanitary, due to the lack of unnecessary touch and cross-contamination.

Once the lid has been opened and the drum filled with the medical pulp and its contents, the complete maceration cycle takes a mere two minutes or less.

Six upper and three lower blades make light work of cutting the pulp and waste contents, while a stream of cold water enters the cycle from the macerator's lid. As the pulp sinks to the bottom of the chamber, an additional set of blades ensures continuous flow of waste through an outflow pipe, before continuing into the wider sewerage system.

As the particle size is so tiny – just 4mm, in fact – the waste flows easily, without any unpleasant clogging leading to breakdowns.

Once the cycle is complete the internal chamber is cleansed by an automatic spray of disinfectant to sanitise and deodorise the machine. So, there should be no unpleasant remnants once the macerator is opened again.

DDC Dolphin Macerators aren't restricted to the disposal of medical pulp, however.

The [Incomatic Incontinence Macerator](#) is purpose-built for the disposal of incontinence pads and nappies. Following a similar premise to the Pulpmatic, the Incomatic has a quick, two-minute cycle, to easily suit busy wards and care home needs. Similarly, the incontinence



items are finely shredded by the machine's array of blades and effortlessly flushed into the sewerage system – with no blockages.

Keen to find out more about DDC Dolphin's hospital macerators? [Contact us now.](#)

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