

Tanks Sparkle at Ringwood Brewery

Ringwood, England – September 2017

When it came time to replace the old tank cleaning jets at Ringwood, the search was on for something that did the job better, or required less maintenance — and ideally both. Having now installed tank cleaning equipment from Scanjet Systems, the tanks truly shine like never before.



Ringwood brews a range of excellent ales, and (almost!) as important as the quality of the end product is the cleanliness and smooth operation of their brewing equipment. But due to the unique design of some of their tanks, maintaining the required standards was often hard work. Especially the wort-boiling tank — aka. the ‘copper’ — was subject to wort deposits sticking to the top section of the tank, which, if allowed to accumulate, could be a real challenge to clean. Also, the internal calandria (heating coils) were particularly tricky to keep clean, as they were prone to the build-up of residues.

Ringwood turned to Scanjet Systems, known for their expertise in brewery tank cleaning, and together a solution was devised that was more than a match to Ringwood’s tank cleaning challenges.

The new system is based on the [Scanjet Bio 10](#) four-nozzle rotary jet head, which is ideally suited for most food and drink applications including breweries. Self-powered by the flow of the cleaning fluid, the Bio 10 rotates 360 degrees around both its vertical and horizontal axes, thus covering all internal surfaces of the tank — as well as, uniquely, cleaning itself in the process. Capable of operating with inlet pressures of 3–10 bar and flow rates of 5–18 m³ per hour, the Bio 10 is flexible enough to adapt to a wide range of cleaning systems and tank sizes.

But to really leave those pesky wort residues with nowhere to hide, Ringwood installed not just one but four Bio 10s in their 'copper'. This ensures superior cleaning performance in every part of the tank, including on all sides of the central heating unit which is a key design features of Ringwood's 'copper'.



Figure 1: The Scanjet Bio 10



Figure 2: The four Bio 10s inside the Ringwood 'copper'

Further Scanjet Bio 10s are installed also in the whirlpool and fermenter tanks.

An added advantage, beyond the superior cleaning performance, of the Scanjet jets is reduced maintenance and therefore improved operational efficiency.

Said Maurice Walton, the Brewing Manager at Ringwood Brewery, "Looking at the 'copper', it is cleaner now that it has probably ever been. And with the new jets not getting gummed up like the old ones used to, we can spend less time and effort maintaining the system, and focus that much more on getting our lovely beer out of the brewery gates."

Ringwood Brewery <http://www.ringwoodbrewery.co.uk/> is located in Hampshire, on the south coast of England, just on the edge of the beautiful New Forest National Park. Ringwood has been a pioneer of the British craft brewery movement ever since its beginnings in the 1970s, although brewing heritage on the Ringwood site goes back much further than that. Today Ringwood is part of [Marston's Plc](#), the owner of six traditional British breweries, and the largest brewer of cask ale in the world.

Scanjet Systems <http://www.scanjetsystems.com/> is a leading supplier of advanced tank cleaning equipment and systems to a wide range of sectors and applications. One of Scanjet's main areas of expertise is in brewing and distilling, where a number of well-known names, from small craft producers to large global ones, rely on Scanjet for their tank-cleaning-needs.

Copyright © 2017 Scanjet Systems.