



## This 'termite' activity should make CV cable producers smile

One innovative products displayed at wire Düsseldorf was showcased at the Troester booth: the Cable Termite from Denmark's P.K. Jeppesen A/S. Below, inventor and company founder Anders Moestrup Rasmussen explains his novel approach to a vexing challenge for CV lines.

The cable industry has long had a problem with what to do with waste product generated from the start and stop lengths of CV lines. Many cable-stripping tools exist but the material has to be more or less homogenous, which is definitely not the case for such extruded material, which includes bubbles, holes, etc. But I can now offer a real-world solution: the Cable Termite.

Instead of stripping, the idea is to use six milling heads (3x2 heads, turned 120 degrees) rotating around the cable core, with each head having a special tool optimized for clearing away XLPE material. This concept eliminates the issue of homogeneity as the milling heads are indifferent to the material quality. The material is simply milled away as the cable passes the heads, making it easy to remove the polymer from the conductor. At the same time, this generates easily removable shavings that can be taken away in containers, big bags or directly compacted for disposal.

The Cable Termite runs in line in the CV process, placed directly

before the last (already installed) caterpillar. The process runs at normal line speed, and the start/stop conductor length can be used again and again. This patent-pending method allows for a fast CV line start-up, start/stop length optimization, high material costs savings and

increased CV line efficiency.

The Cable Termite can be used to repair and remove cable sheatings. This includes cables with welded aluminum sheet that are impossible to find a proper and stable solution for in the market today.

The payback time depends on the machine set-up, types of cables, raw material prices, etc. Taking advantage of my experience from the cable industry, I believe a typical payback time would be around two years, subject to the factors mentioned earlier. It pays to be an owner of a Cable Termite.

I went to wire Düsseldorf "to test the waters," to see what kind of interest there was. The results were mixed, but I remain optimistic. Some people just say they don't need it, but others—those who understand exactly what it does—they're very interested.

The best way to appreciate what my Cable Termite does is to see a test run in action. To see that, go to: <http://www.pkj.dk/cabletermite.htm>. For more details, go to [www.pkj.dk](http://www.pkj.dk), or e-mail me at [pkj@pkj.dk](mailto:pkj@pkj.dk).



*Cable Termite inventor Anders Moestrup Rasmussen at wire Düsseldorf.*