

WEBTOOL[™]
HYDRAULIC CUTTERS & SYSTEMS

IWOCS Emergency Disconnect Cutters

allspeeds
www.allspeeds.co.uk

With growing concerns over the cost of subsea intervention, together with the risk of asset damage in the event of an emergency, hydraulic cutters and systems specialist **Allspeeds**, the designer and manufacturer of **Webtool**, have developed a range of integrated cutters and systems that provide rapid emergency disconnection in the event the DP surface vessel moves off-station.

Webtool IWOCS Emergency Disconnect Cutters offer:

- Permanently installed cutter that doesn't require any ROV time
- Easy integration within LWRP (Lower Workover Riser Package)
- Single guillotine cutting operation, complete within seconds
- No risk of jamming
- Hydraulic & electrical flying leads and tension wire all cut simultaneously
- No water depth limit
- Extended deployment subsea due to corrosion resistant materials
- Integrated cutters or complete cutting systems

"It will cut through the HFL & EFL bundle within seconds, in a single operation"

AKOFS Offshore Case Study



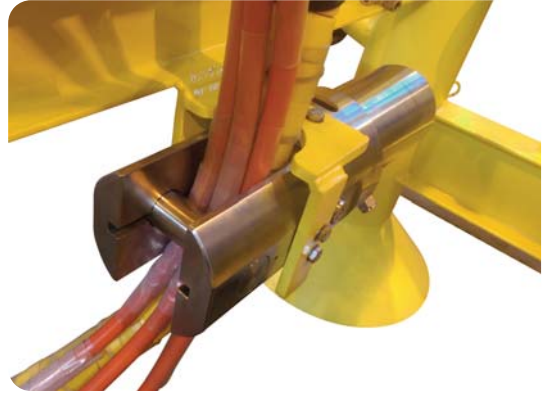
AKOFS Offshore are using Webtool integrated cutters within their subsea equipment orientation system (SOES) used to install subsea trees. Integrated within the SOES, it provides quick disconnection of the bundles of hydraulic jumpers and electrical flying leads in the event the vessel moves off-station.



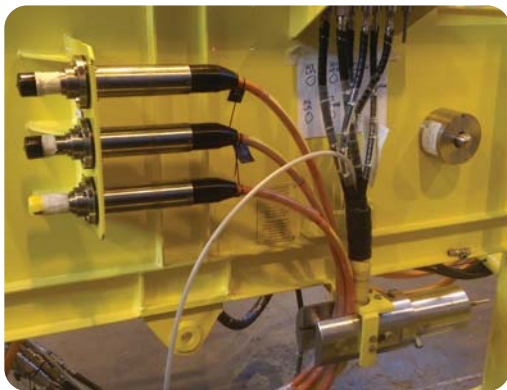
Deployed on the Skandi Santos subsea equipment support vessel, in an emergency disconnect situation, the Webtool integrated cutter will cut a bundle of 10,000psi hydraulic jumpers connecting the SOES to a subsea tree stack. It will cut through the bundle in seconds, in a single operation.

Tool Integration

The cutter is attached to the deployment frame at the point where the umbilical terminates and splits off into hydraulic flying leads (HFLs) and electrical flying leads (EFLs). These HFLs & EFLs run through the mouth of the cutter and remain there permanently throughout the operation of the subsea intervention equipment. In the event of an emergency these leads are severed, separating the umbilical and deployment frame from the subsea tree.



Rapid & Safe Disconnection



Deployment results in a single cutting action, severing multiple hydraulic & electrical flying leads along with steel tension wire, within seconds. As an integral part of an IWOCS system Webtool offers a simpler and quicker emergency disconnection than more complex multi-line stab-plate systems. It can be easily retrofitted and offers considerable space and weight savings. With a proven track record Webtool meets the 'Technology Readiness' requirements for deployment in subsea emergency disconnect systems.

Wide Application

Webtool integrated cutters and systems can benefit any subsea application where emergency disconnection or a permanently installed cutter is required. We have considerable experience and references for emergency disconnection cutters within IWOCS systems. Designed using corrosion resistant materials for extended periods of subsea deployment. Our cutters can be easily function tested, ensuring they are always primed and ready for use.



Webtool - Powerful Cutting Tools

For over 30 years, Allspeeds Ltd has continually developed Webtool, offering an extensive range of subsea cutters for ROVs, as well as integrated cutters and systems for emergency disconnection and other applications. Webtool cutters are standard equipment in most ROV fleets around the world based on their reputation for quality and reliability in demanding subsea environments.



Webtool is a technology leading brand in hydraulic guillotine cutting for both subsea and topside. All products are designed and manufactured in accordance with ISO 9001 by Allspeeds Ltd in the UK.

Allspeeds is the sole manufacturer of Webtool hydraulic cutters and systems, Tangye lifting jacks and hydrostatic test pumps, Millingford sucker rod pumps, Kopp variable speed drives and Blake Hydrum water pumps.

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