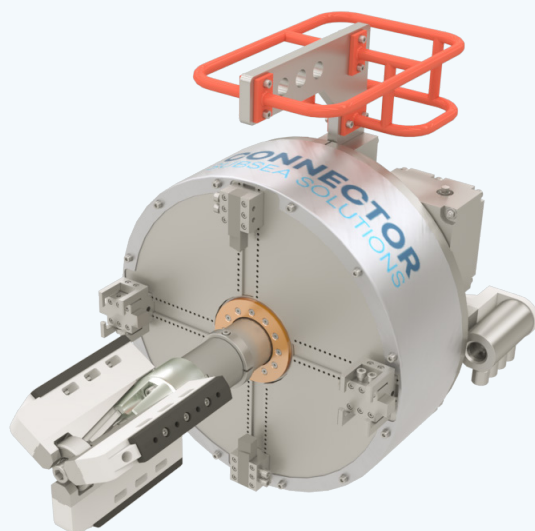


PIPELINE END PREPARATION TOOLS

PRODUCT GROUP

PIPELINE REPAIR & TIE-IN



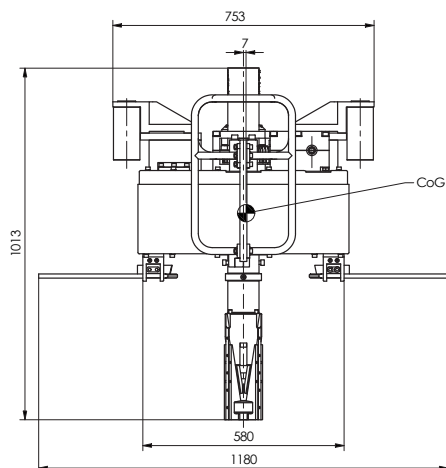
PRODUCT DESCRIPTION

Pipeline End Preparation Tools ensure that after a subsea pipeline is cut, the end can be machined to the required tolerance for the next step in operation, whether that be the installation of a mechanical connector, end termination or weld.

A light, simple ROV dedicated tool is both quick and easy to mobilize and operate, ensuring that the pipe cut is both square and all burring removed. This assurance fully mitigates risk of causing damage to interfacing components and ensures the correct operational tolerances are achieved.

A simple tool mounting on the pipe inner diameter ensures the machining plate can be modified to suit a wide range of pipeline sizes, materials and tolerances.

This solution provides an increased level of safety and control when preparing to interface subsea pipelines, reducing operational risk.



CAPACITIES

Pipeline size	6-16 in
Water depth (m)	3000 m

DIMENSIONS & WEIGHT

Dimensions (HxWxD)	0,8 x 1,2 x 1,0 m
Mass of tool	270 kg
Weight of tool in air	2649 N (270 kgf)
Submerged weight of tool	2207 N (225 kgf)

INTERFACES

ROV operated	Yes, compliant with CSS ROV skid and topside control system. Requires pressure and flow control
ROV Interface Specification	4 Line stab and Receptacle, Ø35, 10k, API 17D (x2)
Max. working pressure	207 bar /3000 psi

Continued on next page >>



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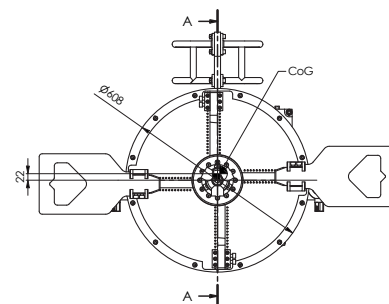
PIPELINE END PREPARATION TOOLS

PIPELINE REPAIR & TIE-IN



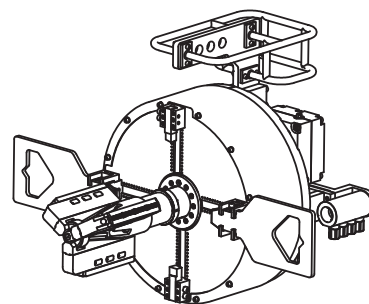
DIMENSIONS & WEIGHT (CONTINUED)

Hydraulic oil	Shell Tellus S2 22/32 (typical) NAS8/ISO 4406 19/17/14
ROV grabber bars	Yes
Installation	WROV



ADDITIONAL INFO

Design code	DNVGL 2.7-3 Portable offshore units DNVGL-OS-C101 Design of offshore steel structures
Installation	WROV
Buoyancy application	Yes. Note that buoyancy is not delivered with tool
Coating	NORSOK 7B, Marine epoxy paint system
Cathodic protection	No
Packing	Box



For more information on this and related products, visit us at:

www.connectorsubsea.com



01 // Factory acceptance testing



02 // Pipe end upon completion



03 // ROV footage of subsea application



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