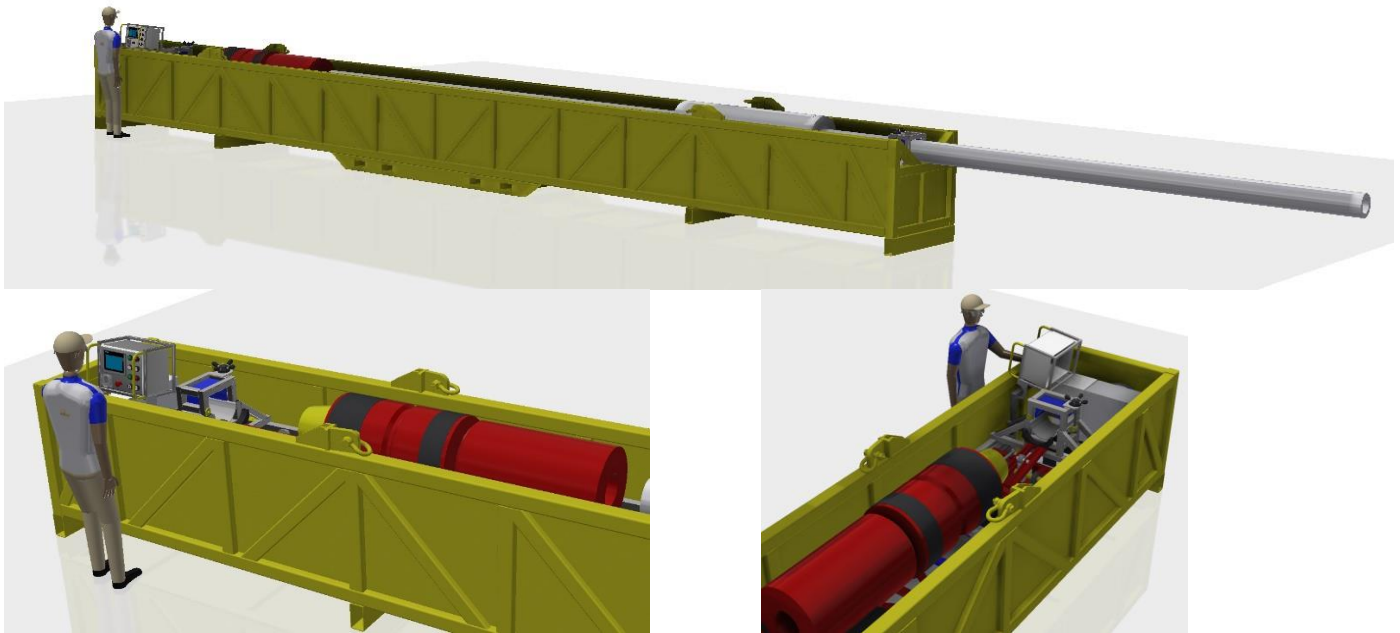


Hytech Stabbing & Un-stabbing Unit for RCD



Hytech Stabbing & Un-stabbing Unit for RCD.

Stabbing & Un-stabbing Unit for RCD unit is to be used to stab and un-stab specified sealing tools on drill pipe of given dimensions and have.

The Stabbing & Un-stabbing Unit features a trolley with clamp to stab or un-stab the sealing tool over the drill pipe which is held by simple V-clamps– in either rends pending stabbing or un-stabbing. All clamps are manual operated and closed and opened.

The unit is built in a modified offshore transport basket according to DNVGL-ST-E271:2017. The basket has customized length and a low shoulder v-entry in one end with lifting pad eyes at top corners and lifting sling. The v-entry allow the tools to be stabbed onto or un-stabbed on longer lengths of drill pipes by sticking one end out.

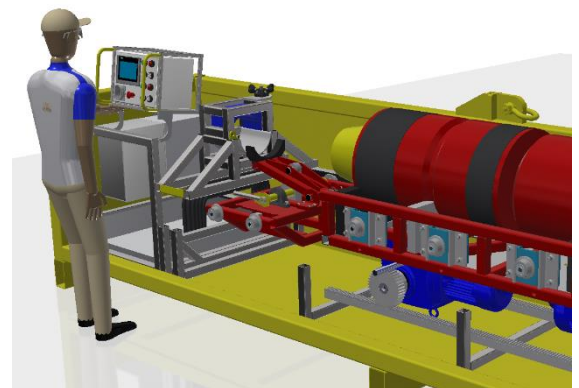
The trolley can be run at a set speed. Low speed is giving good control and possibilities for positioning of the trolley and maintain safety while driving and performing. However, this is not a proportional speed increase/decrease function.

The one-speed solution is obtained by using normal electrical motors without any frequency converters and is controlled by normal motor starters and contactors.

A control panel is located “on the top railing” in one end of the basket while the main electrical enclosure is located inside the basket facing one short end. A simple hatch or cover allows easy access to electrical enclosure from outside for service and inspections.

Features & Benefits:

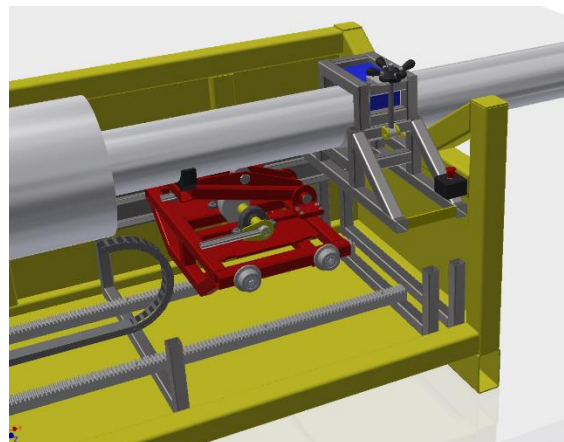
- Designed to handle drill pipes Range 1, 2 and 3, and using the sealing tool Marine Sentry™ RCD 3000
- DP size 5 and 5.5”
- V-type design slips encompassing multiple pipe sizes without needing change
- Rack and pinion drive for the trolley



Control system/starter cabinet in standard Ex d/e cabinet. Control panel with the following functions:

- Emergency stop button with protection cover.
- Activate/Enable button (two hands safety operation).
- Push buttons for running left and right.
- Visual indicator lights on approx. 80%, 95% and 100% running load

Emergency stop button with protection cover in basket opposite end of control panel. End stops on end travels.



Specifications:

Description	Data
Main dimensions (L/W/H)	13300 x 1200 x 1100 mm
Weight	approx. 6,3 T
Supply cable:	35m rubber cable for 16A without socket.
Max push/pull capacity	6 mT
Trolley travel speed:	approx. 3,5 m/min at 50Hz supply voltage. approx. 4,2 m/min at 60Hz supply voltage
Utilities consumption	400-480 VAC, 16A, 3-phase, 50Hz/60Hz
ATEX Marking	ATEX II 2G Ex h db eb IIB T4 Gb.
Design temperature	- 20° to + 45° C

Applicable standards

Standard	Standard Nr	Standard Title
EU Directive	2006/42/EC	Machinery Directive
EU Directive	2014/34/EU	ATEX Directive
NORSOK	Z-015	Temporary Equipment
EN-ISO	12100:2010	Safety of machinery – General principles for design – Risk assessment and risk reduction