

MSCM SUPPORTING THE OIL & GAS INDUSTRY

MANUFACTURER OF SUBSEA PRODUCTS FOR THE
OIL AND GAS INDUSTRY WORLDWIDE

DAISY CHAIN UNIT



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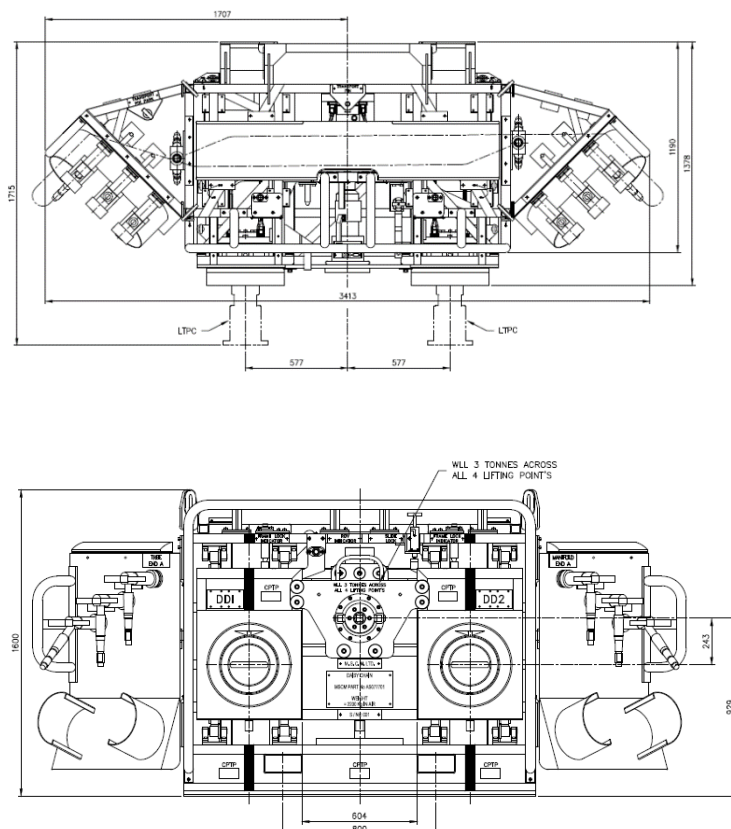
FULL PRODUCT SPECIFICATION

Developed and designed in order to eliminate the procurement of additional expensive field umbilicals by offering the flexibility to hydraulically and electrically link (daisy chain) subsea step outs, without the need of additional infield umbilical's and provide the ability to re-configure the field layout during field life.

The purpose of the daisy chain distribution unit is intended to be a means of distributing hydraulic fluid supplies, methanol supplies and electrical connections from one subsea tree to a second subsea tree for use in deep and shallow water applications. This is a modularized, fabricated structure designed to be installed from a lift wire by a free flying remotely operated vehicle using a class 4 torque tool interface as described in API 17D and ISO 13628-8 for deployment on the subsea tree.

DESIGN FEATURES

- 🔧 Unique guidance system
- 🔧 Comprises of two fixed inboard junction plates (male stabplates) and an outboard junction plate (female stabplate)
- 🔧 Moving inner fabricated structure frame to house the hydraulic and methanol distribution lines
- 🔧 Distribution unit and the two hydraulic infield umbilical termination heads are designed to mate and de-mate under full system working pressure



GENERAL	
Vertical & Lateral	± 75mm
Orientation	Z Axis ± 10°
Azimuth/Elevation	Y Axis ± 10°
Bearing	X Axis ± 10°
Test Fluid	Transaqua HT2

MATERIALS	
Male Stabplates	UNS S31803
Female Stabplate	UNS S31803
Couplings	Nitronic 50 HS

WEIGHT	
Actual Assembled Weight:	
In Air	2200kg
In Water	1913kg
Unit Width	3413mm
Unit Height	1600mm

