

RIG 61

3 PAIR HYD. POWERED QUADRANT

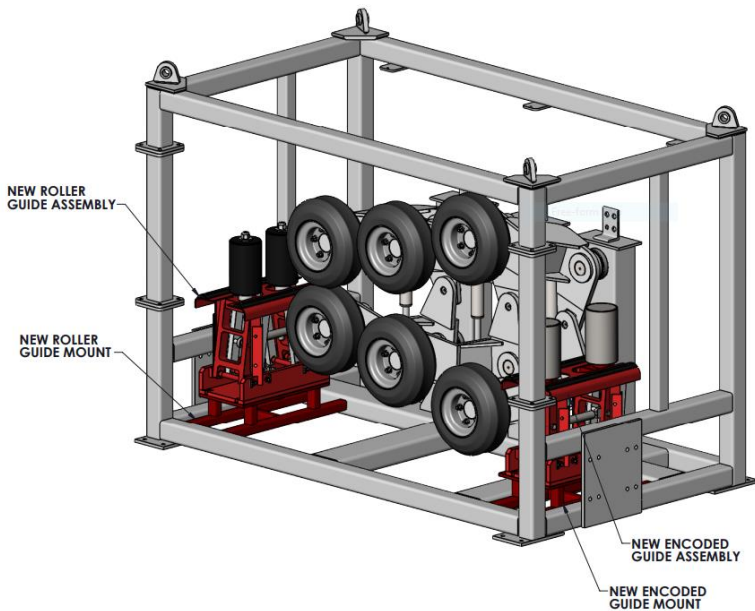
Our 3 pair Powered Quadrant, Rig 61, is designed to be used for the purpose of cable transpooling operations i.e Cable Manufacturing Facility to Carousel/Vessel Cable Tanks and can be used within such industries as the power industry and telecommunication industry. It is powered by a hydraulic power pack and controlled with a remote ergonomically designed control desk. It is of robust design and is suitable to be operated in the most hazardous environments the industry has to offer. The unit comprises of an LCE & HPU mounted into Steel Frames, 2x Quadrant Arms & subsequent frames complete with a certified Lifting Bridal suitable for suspension.



KEY FEATURES

- Maximum Dynamic Pull tension 2.5Te*
- Max speed in excess of 0.5m/s
- Suitable for cable sizes up to 200mm
- Self-contained control desk
- Digital readouts for cable tension, speed, distance
- Powered by HPU (Integrated)
- Modular Design for ease of Transportation
- Wheel pairs will automatically close and can hold the product for over 1 hour in emergency or power loss situations

*Please note that the maximum tension achievable will depend upon the type and size of cable due to friction factor limitations, and the general operational conditions.



SPECIFICATIONS – LCE

Maximum Dynamic Pull:	2.5Te
Maximum Speed (All Wheels in Drive):	0.5 m/s (1800m/hr)
Wheel Motor Set Pressure:	240bar
Set Pinch Pressure:	170bar
Set Pinch Relief:	220bar
Accumulator Pre-Charge Pressure:	90bar
Wheel Tire Pressure:	80PSI

SPECIFICATIONS – HPU

Electric Motor:	18kW, 3Ph, 400v, 50Hz, 34.8A
Main Pump Max Flow:	42lpm @ 1450rpm
Main Pump Max Cont. Pressure:	280bar
Main Pump Max Intmt. Pressure:	350bar
Main Pump Max Set Pressure:	220bar
Main Pump Safety Relief Valve - Set:	250bar
Main Pump Safety Relief Valve - Max:	350bar
Aux Pump Max Flow:	8.7lpm @ 1450rpm
Aux Pump Continuous Pressure:	250bar
Aux Pump Set Pressure :	170bar
Suction Strainer :	90µm
Return Filter :	6µm
Return Filter Element Code :	MF18010 A06AN
Oil Type:	ISO 32 / ISO 46

DS-R61-IHC-002



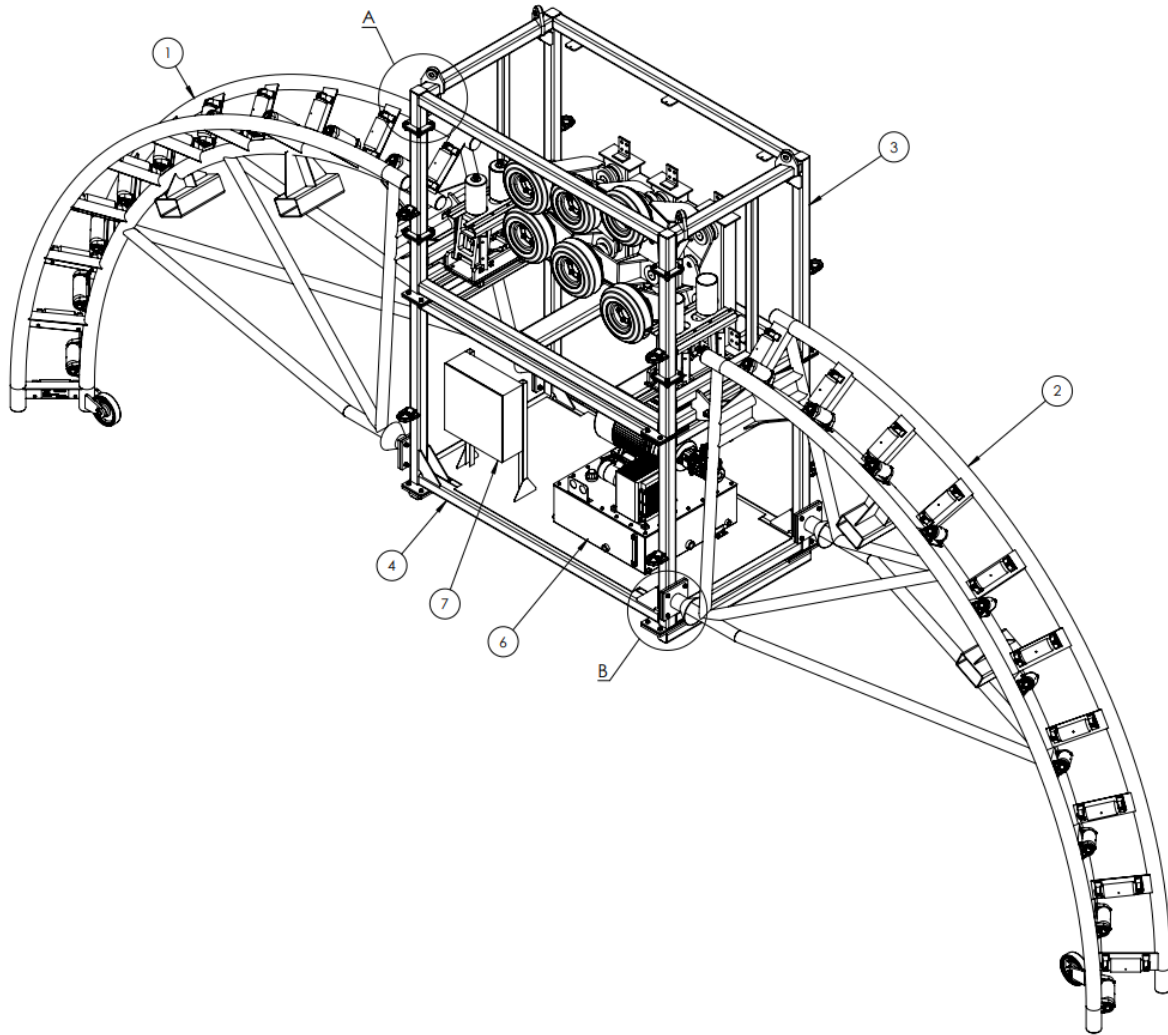
**THE TECHNOLOGY
INNOVATOR.**

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DIMENSIONS & WEIGHTS – ASSEMBLED QUADRANT

Overall Height: (Operation/Suspended)	5.3m
Overall Height: (Storage/Loading)	3.7m
Overall Width:	1.7m
Overall Length:	11.37m
Total Weight (excluding Slings):	5.0Te
Sections for Transport:	4pcs

DIMENSIONS & WEIGHTS – LCE SECTION

Height:	1.91m
Width:	1.65m
Length:	2.78m
Weight:	1.9Te

DIMENSIONS & WEIGHTS – HPU SECTION

Height:	1.76m
Width:	1.65m
Length:	2.78m
Weight:	0.8Te

DIMENSIONS & WEIGHTS (OPERATIONAL/STORAGE) – RADIUS QUADRANT 'ARMS'

Radius:	3.50m
Weight:	1.0Te Each
Roller Material:	Nylon/Nylatron

DIMENSIONS & WEIGHTS (TRANSPORT) – RADIUS QUADRANT 'ARMS'

Height:	2.8m
Width:	1.5m
Length:	5.3m
Weight:	1.0Te Each

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