

Serie
CHM-001
"Chamaleon"

Geograph / Air Line Retriever
100m of 2.5mm stainless steel cable 7x19 extra flexible
Tension maintained via pneumatic motor



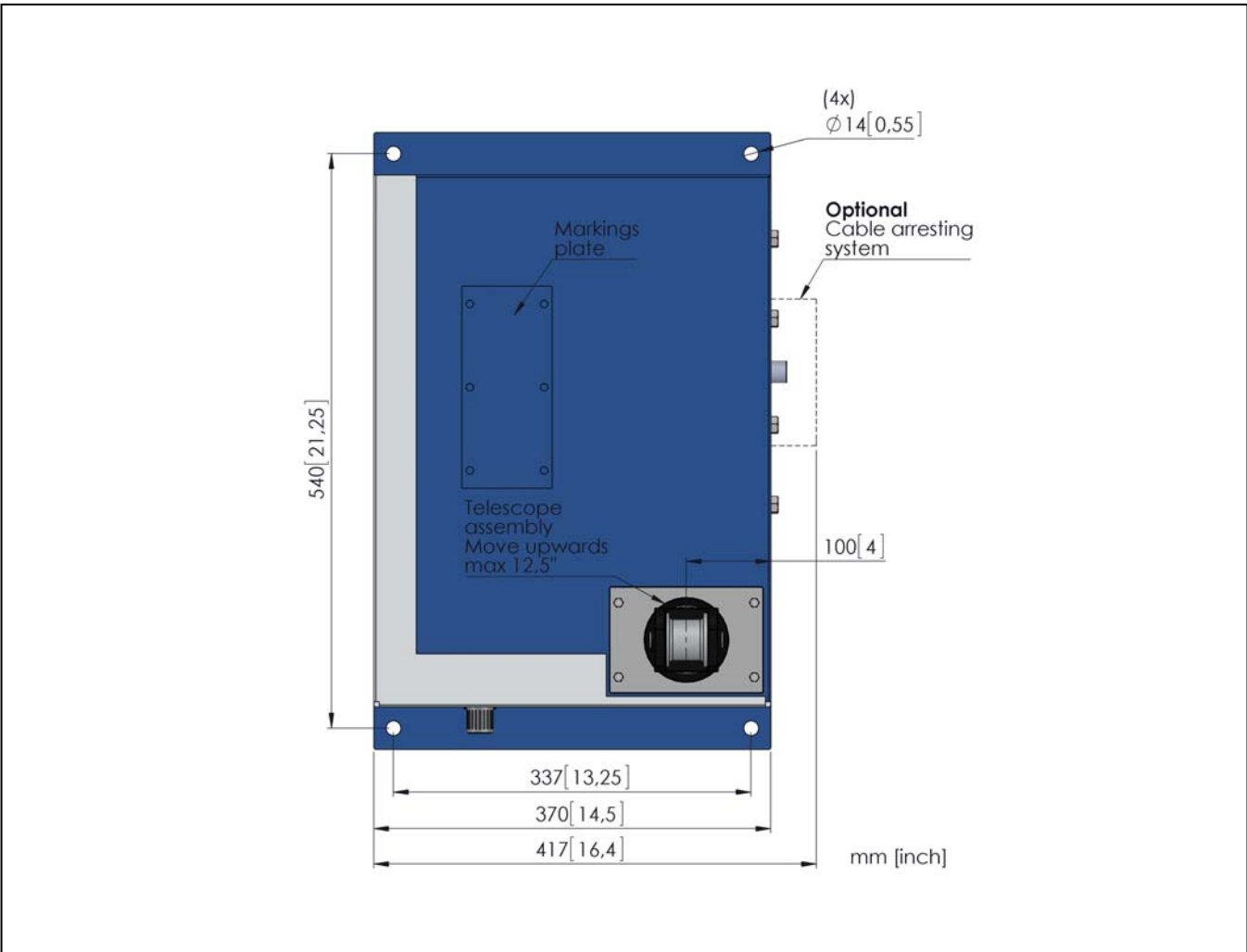
Patent Pending:

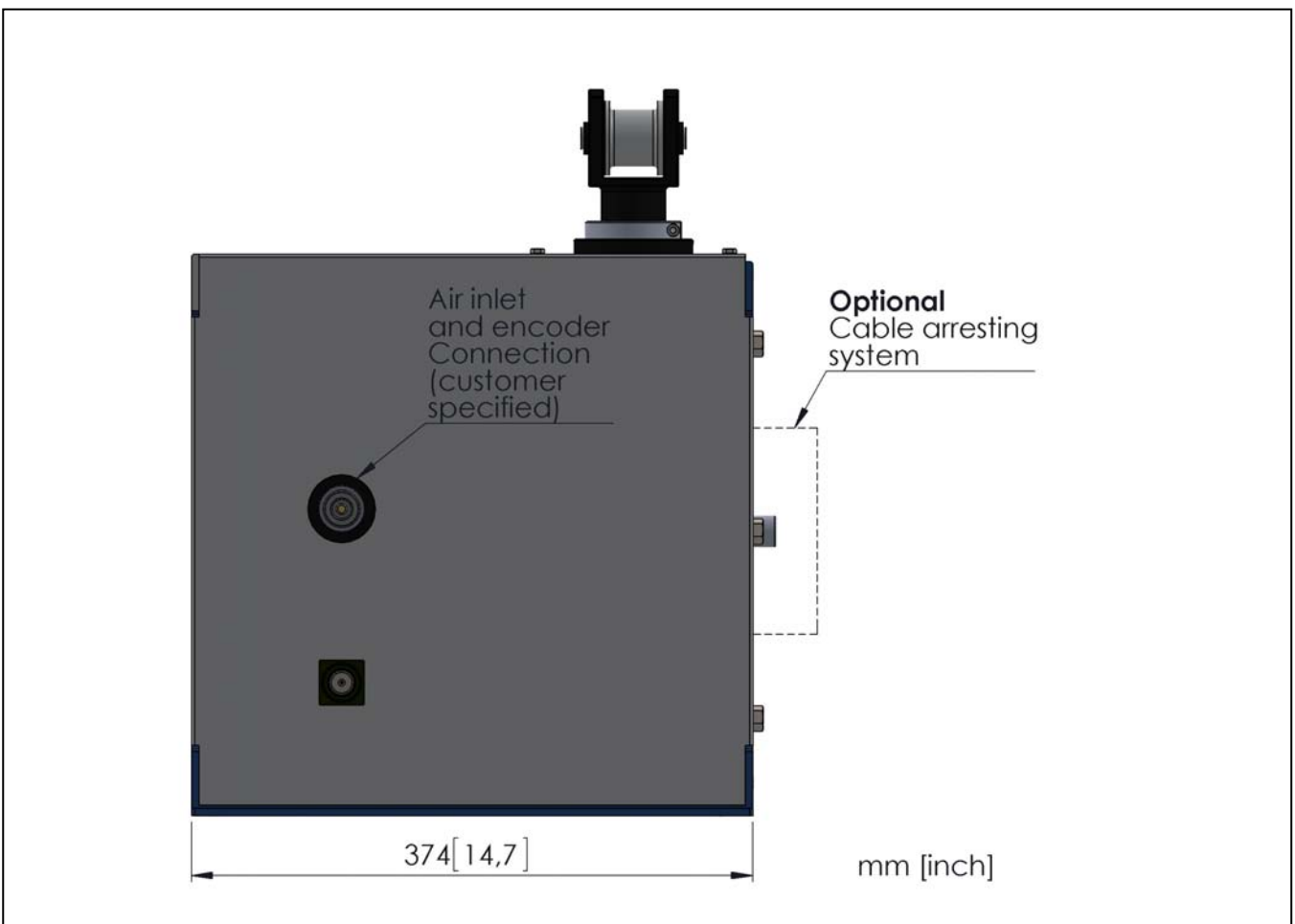
Anti-Tangle System / Anti-Slip System /
Reverse Lock System

Certification:

Only the encoder and air motor themselves
have certification, and it depends upon which
encoder is used.

The mechanical cable drum device has no
certification of its own.





Technical Data

Operating temp:	- 40 ...+ 60 degrees C - 40 ...+ 140 degrees F
Certification:	ATEX, IECEX, CSA
Weight:	88 lbs (40 kg)
Protection:	IP 54 (structure)
Material Structure:	Duraluminium
Mechanism:	Chromed Steel
Material Pulleys:	Aluminum
Material Cable:	2.5mm 7x19 AISI316
Material Walls:	Duraluminium

Function Details

Air Entrance	4 to 6 bar
Pneumatic Motor	Gast 6AM NRV 22 A
Linear Dist / Rev	1.0m
Encoder Type:	Any Hohner Encoder

Anti Tangle Mechanism

Patent pending mechanism ensures the cable winds perfectly layer by layer, guaranteeing a tangle and slip free operation

Other Advantages

- Light enough for one person to handle
- Easy access to air regulator and encoder connection
- Structure is fully enclosed in duraluminium at IP54
- 100m (330ft) of cable, so if cable is severed, reel more out
- Periscope 'system' to lift cable away from nearby obstacles
- Internal mechanism prevents tangles and slippage of cable using similar technology from our enco-meters
- Base is bolted to mounting surface
- Reverse lock system to prevent runaway cable if cable is severed
- Easy to open stainless steel door for full access to all components and for replacing cable.

Output Options from Encoder

Any variation of the NAMFPX draw-works encoder series can be fitted to this device