



DRAW OFF / HOLD BACK CABLE ENGINE

SMD can offer a range of Draw-Off / Hold-back (DOHB) Cable Engines that incorporate AC servo motor driven system for unparalleled control and flexibility, providing excellent anti-slip cable handling performance. The SMD design DOHB uses a 4-wheel pair layout with stretched centre section providing easy repeater handling. Vertical and horizontal guide and wheel arm design avoids potential shackle traps. The design also includes an integral sub-frame containing cable engine traversing guidance and actuation system.

DOHB FEATURES

- AC servo motor low inertia drives.
- 4-wheel pair layout.
- Twin vertical axis rotometers.
- Low inertia cable guides.
- Cable engine traversing guidance and actuation system.



TYPICAL DOHB SPECIFICATION

| GENERAL | |
|-----------------------|------------------------------|
| Typical Configuration | 4-wheel pairs |
| Dimensions | 6m (L) x 1.6m (W) x 1.9m (H) |
| Weight | ~8Te |
| Deck Mounting | 4x Load cells |
| Drives | AC Servo |

| PERFORMANCE | |
|-----------------------------|--|
| Pick-Up/Pay-Out Max Tension | 4Te |
| Maximum Speed | 8 knts |
| Cable Size Range | 14mm dia. Lightweight to 150mm dia. armoured |
| Repeater | 400mm dia, up to 2m long |
| Mechanical Brake | 4Te |