



ALLIGATOR 400Hz CABLE CARRIER

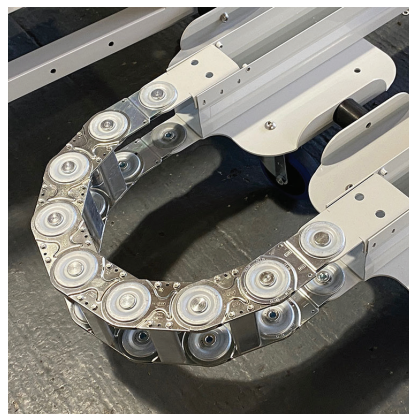
The JLC second generation cable carrier is designed to be the fastest method of getting 400Hz ground power to aircraft arriving on stand, thereby reducing aircraft fuel burn, aircraft noise and CO₂ emissions. Taken annually, these are massive savings. No need to wait for the airbridge to be connected.

Key features

- Available with 1 or 2 90kVA outputs
- Up to 30m reach
- One person operation
- Universally handed
- Emergency stop button
- Compact footprint
- Stainless steel beams
- Stainless steel basket
- Articulated Steel Knuckles
- Fitted high visibility reflectors
- Lightweight modular construction
- Low maintenance
- 24 month warranty

Manufactured with stainless steel beams and basket, the Alligator protects the 400Hz cable from ramp abrasion damage and misuse, greatly extending the cable life.

Should accidental damage occur, all components are quickly and easily replaced. JLC can also install and provide Service & Maintenance Contracts for this product.

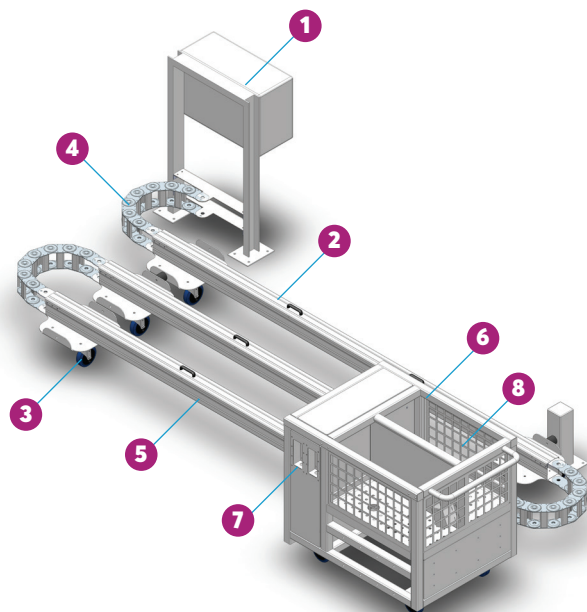


For customers requiring 4 x 90kVA outputs, we are able to offer our Crocodile Cable Carrier.

ALLIGATOR CABLE CARRIER TECHNICAL DATA

Deployment length: 12, 18 and 24m	Output cable: lengths 5, 8 and 10m.
Outputs: Single or Double 400Hz output. 1 X 90KVA or 2 X 90KVA	Output cable type: 5 x single core – 4 x 70mm & Neutral.
Installation handling: right-handed or left-handed, as view from the cockpit/pilot's perspective	Wheel type: Pressed steel swivel castor with a 12mm bolt hole fitted with 65 shore A blue elastic tyre on black nylon centred wheel with a single ball bearing and retaining caps. Wheel diameter 125mm, tread width 36mm, overall height 155mm, Load capacity 200kg. REACH compliant also PAH-Free rubber to confirm to EU-directive 2005/69/EC
Overall stowed footprint: for each length 12m: W 3.75m x D 2.35m 18m: W 3.75m x D 2.75m 24m: W 3.75m x D 3.55m	Junction box construction: IP66 Rated. L 400 x W 250 x H600mm mild Steel & powder coated enclosure
Beam construction: AISI 304 Stainless Steel & Powder Coated - Beam and lid 2mm thick - Base Plate and Upper Link Plate 4mm thick	Control panel construction: IP65 metal powder coated. IP69, IP67, IP66 Conforming to IEC 60529, IP69K and IK03 conforming to EN 50102
Beam dimensions: 86 x 105 x 2950mm	Fixed end stop construction: Bollard 304 Stainless Steel & powder coated
Zinc plated Drag link chain: EKD SLE320 (x100mm)	Paint finish: Power coated. Light Grey (RAL 7035), with reflective tape along the beams. (other colours available upon request)
Basket dimensions: L 996mm x W 750mm x H 760mm. With caster, floor to handle = 103cm	Emergency button: fitted on basket – standard e-stop – cut out of power
Basket construction: 304 Stainless steel & powder coated	Brake System: Basket mounted Stamp Jack. If steps are fitted, Stamp Jack is fitted to the steps
Basket controls: <i>Green</i> ON/Reset Button <i>Red</i> OFF Button <i>Green</i> LED Ready <i>Red</i> LED Output on	Optional extras include: <ul style="list-style-type: none"> • Basket Steps allowing operatives easy access to the aircraft • Stamp lock brakes • 28VDC output • 30m length available upon request
Earth cable details: H07V2-K 600v Rating	
Main cable: BS638 PT4, 1996 JLC Specification Output Cable	

- 1: Junction Box.** The junction box is IP66 rated and finished in Epoxy Polyester power coated paint. The design allows for the quick and efficient replacement of the main cable.
- 2: Beam Modules.** Constructed in stainless steel with clipped down top cover to allow for easy access to the cable(s).
- 3: Castors.** 300mm anti puncture wheels with roller castors provide free flowing movement.
- 4: Articulated Knuckle.** Manufactured from heavy duty steel, the knuckle offers complete cable protection whilst allowing a high degree of opening for the beam modules.
- 5: Main cable.** A 4 x 70mm cable and 35mm m earth cable runs from the Junction Box to the Cable Basket.
- 6: Cable Basket.** The stainless steel basket is completely modular, with two output cable storage compartments, fitted with 400Hz aircraft socket holsters.
- 7: Controls.** Schneider Electric fully rated IP66 actuator operational buttons and LED's fitted for each output, designed for easy replacement.
- 8: Output Cables.** One or two, 10m AC, 4 x 70mm output cables are supplied fitted with 400Hz aircraft sockets.



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