

Specification Sheet

[Trailer Vehicle Arrestor — April 2026]

Section 1 — Dimensions & Weights

| Parameter | Specification |
|------------------------------|---------------|
| Length | 7,175 mm |
| Width | 2,400 mm |
| Height — Transport / Storage | 1,850 mm |
| Height — Deployed | 2,400 mm |
| Ground Clearance | 250–300 mm |
| Tare Weight | ~2,000 kg |
| ATM (Aggregate Trailer Mass) | 2,500 kg |

Section 2 — Trailer Specification

| Suspension | |
|---------------------|--|
| Configuration | Single axle — twin swing arms |
| Type | Airbag — pneumatic lift / lower |
| Brakes | |
| Type | Dexter 12" electric drum brakes |
| Actuation | Electric — requires brake controller on tow vehicle |
| Park brake | Electrically actuated |
| Breakaway | AL-KO BreakSafe BS6000 |
| Running Gear | |
| Tyre | TRACMAX LT265/75R16 123/120S OWL A/T |
| Wheel load rating | LI 121 fitted (LI 116 minimum) |
| Spare wheel | Yes — spare tyre and wheel supplied |
| Coupling & Drawbar | |
| Coupler | AL-KO 50 mm off-road fixed — 3.5T, electric brake compatible |
| Drawbar support leg | Electric actuator jack leg — lift / lower of drawbar |
| Towing Stability | |
| Sway control | AL-KO electronic sway control |

Section 3 — Warning & Lighting System

| Parameter | Specification |
|-----------------------------------|--|
| Arrow Board | |
| Type | LED — motor lift |
| Warning Lights & Alarm | |
| Beacons | LED amber — 120 mm — 10–30V DC (×4) |
| Audible alarm | Smart alarm — 82–102 dB — 12–24V DC |
| Road Lights | |
| Type | LED — stop/tail, indicator, reverse, licence plate, outline markers, side direction indicators |

Section 4 — Systems

| Electrical | |
|-------------------|--|
| System voltage | 12 Volt DC |
| Trailer connector | 12-pin flat plug |
| Battery | |
| Battery | Lithium (LiFePO4) — 100 Ah |
| Charging | Solar 200W / Anderson plug (12V DC) / 240V mains |

| Control System | |
|-----------------------|--|
| Type | Danfoss — CAN bus |
| Operation | Wired pendant — second pendant as backup |

| Pneumatic System | |
|-------------------------|---|
| Type | Onboard compressor and air tank |
| Function | Drives suspension lift / lower and deployment |

Section 5 — Towing Vehicle Requirements

| | |
|-------------------------------|---|
| Minimum towing capacity | 2,500 kg |
| Tow ball size | 50 mm |
| Tow ball height (from ground) | 350–460 mm — ADR 62/01 compliant |
| Electrical connection | 12-pin flat socket — fully wired required for cab control of warning lights |
| Brake controller | Electric brake controller required |
| Maximum towing speed | 100 km/h |

Further Information

This document covers trailer specifications only. For deployment requirements, operational conditions, and mandatory conditions of use as a safety barrier, refer to the ASBAP Crashworthiness Assessment and Arresta 100 Product Manual. Available for download at protx.com.au:

ASBAP Crashworthiness Assessment

Arresta 100 Product Manual

MASH Test Results Sheet

Details & Contacts

Specifications subject to change without notice.

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| Manufacturer | ProTx Solutions Pty Ltd |
| Address | ArmHub, 53 Holland Street, Northgate QLD 4013 |
| Website | protx.com.au |
| Phone | 1300 776 898 |
| Email | info@protx.com.au |
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