


Crashworthiness Assessment

Arresta 100 (Trailer Vehicle Arrestor)

	Issue Date: 4 December 2025	Proponent: ProTx
	<p>This document is a summary of the Austroads Safety Barrier Assessment Panel's evaluation of the product's crash performance in accordance with AS/NZS 3845 Parts 1 or 2 only. While the product has been assessed as crashworthy, this is not the only consideration. Users should select devices which are fit for purpose to their total requirements, noting that crashworthiness is just one aspect to consider.</p> <p>This document does not imply that this product may be used on roads under the care and control of individual Road Agencies. Users should refer to individual Road Agency websites to determine whether this product is accepted for use within that jurisdiction, and if the Road Agency has adopted any additional requirements or approval processes.</p> <p>These conditions do not take precedence over Road Agency specifications and standards.</p> <p>These conditions do take precedence over instructions in the Product Manual.</p>	

Status	Crashworthy in accordance with AS/NZS 3845 Part 2 Section 6
Product accepted	Arresta 100 (Trailer Vehicle Arrestor)
Accepted impact speed	100 km/h
Product manual reviewed	Version 1.0 – October 2025

<p>Additional considerations* (not included in crashworthiness assessment)</p>	<ul style="list-style-type: none"> • Vehicle design laws • Vehicle registration • Road agency deployment and operational requirements • Characteristics of the device must be considered when planning temporary traffic management activities
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*road agencies may have additional requirements and approvals

System Details

Containment Level		MASH TL3
Support Vehicle Mass Including Ballast	Minimum (kg)	Not applicable
	Maximum (kg)	Not applicable
Roll Ahead Distance (m)		23.9 (Note: minimum safety buffer of 40 metres required between the device and work zone)
Dimensions and Weight	Length (mm)	7175
	Width (mm)	2400
	Height (mm)	2400
	Weight (kg)	2000
Road Clearance (mm)		Not applicable
System Conditions		<ul style="list-style-type: none"> • For static worksites only. • Towing vehicle must be disconnected and removed from safety buffer zone. • Device must be fully lowered to the ground in deployed mode. • Minimum safety buffer of 40 metres required between the device and work zone. • Shoulder and Roadside areas must be kept clear of all personnel (workers and public) through the full 40m safety buffer. • Device must be deployed minimum of 0.5m from the road edge.