

INNOVATIVE SOLUTIONS FOR ROAD SAFETY: **REDIRECTIVE CRASH CUSHION**

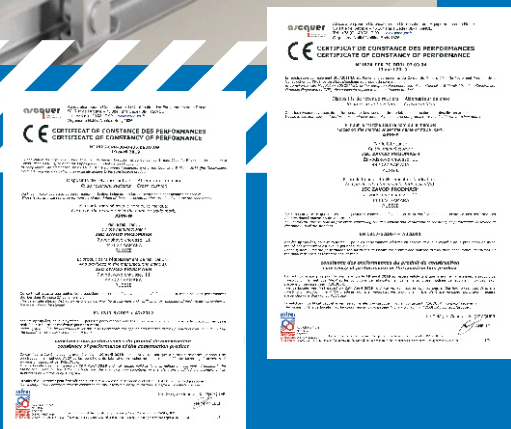
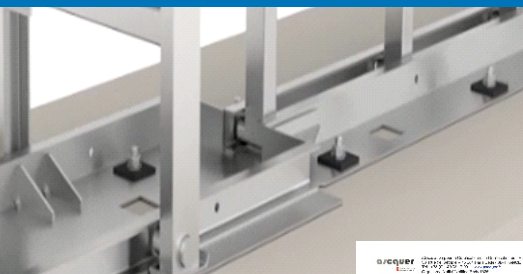
FEATURES

The **APM family of crash cushions** is characterized by a new and innovative modular design. Upon head on offset vehicular crashes the modular construction quickly absorbs the kinetic energy of the impact, while the carriage panels slide along the anchored double monorail segment by segment. The single monorail allows a safe redirection of the vehicle, preventing lateral movement of the device. After impact, the APM is highly reusable, ensuring low cost maintenance and repairs.



- ✓ **Simple and sophisticated** modular design
- ✓ Installation on **dual rail and monorail** combo for additional safety
- ✓ System available for **50 kph, 80 kph, 100 kph and 110 kph**
- ✓ Successfully passed supplementary test at **130 kph**
- ✓ **Fast and easy installation** on concrete – Crash tested also on asphalt
- ✓ **High reusability** and **low-cost** replacement of spare parts

Tested to **EN1317/3** and CE certified to **EN1317/5**



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TECHNICAL SPECIFICATIONS AND TEST PERFORMANCE

P - parallel W - wide W* - wide on concrete

Speed Class	Lenght [mm]	Front Width [mm]	Back Width [mm]	Height [mm]	ASI	Lateral displacement	Redirection Zone
50P	2 730	880	880	810/905	A	D1	Z1
50W	2 730	880	1 200	810/905	A	D1	Z1
80P	5 580	880	880	810/905	B	D1	Z1
80W	5 580	880	1 600	810/905	B	D1	Z1
100P	6 995	880	880	810/905	B	D1	Z1
100W	6 995	880	1 800	810/905	B	D1	Z1
110P	7 700	880	880	810/905	B	D2	Z1
110W	7 700	880	1 900	810/905	B	D1	Z1
110W*	7 700	880	1 900	810/905	A	D1	Z1

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