



LEADING THE WORLD  
IN ENERGY ABSORPTION

## COST EFFECTIVE • MODULAR SOLUTIONS

Premium performance & validated mathematical models in accordance with EN15227.

Customise & optimise the performance using OLEO 1D Train™ Simulation Software.



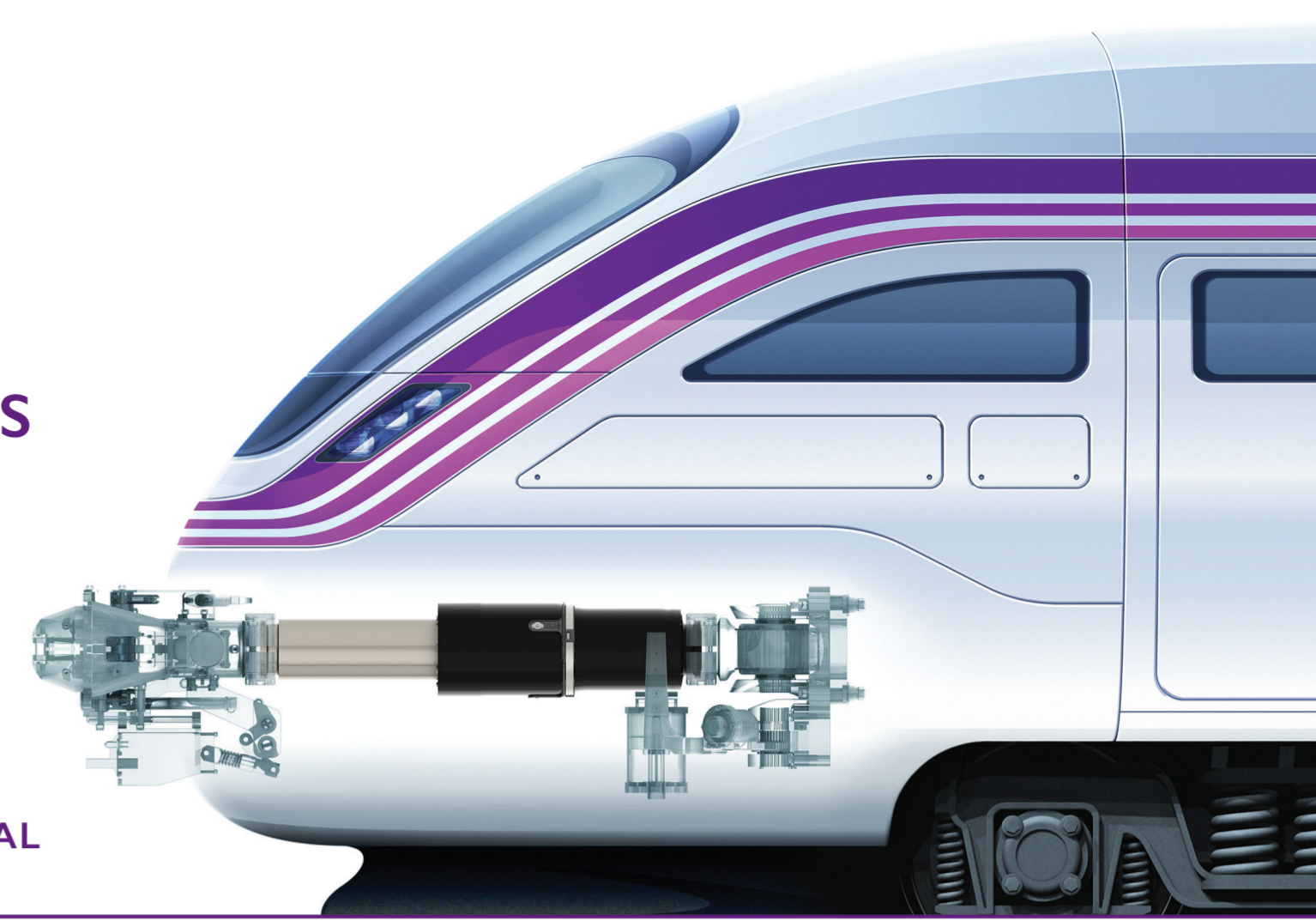
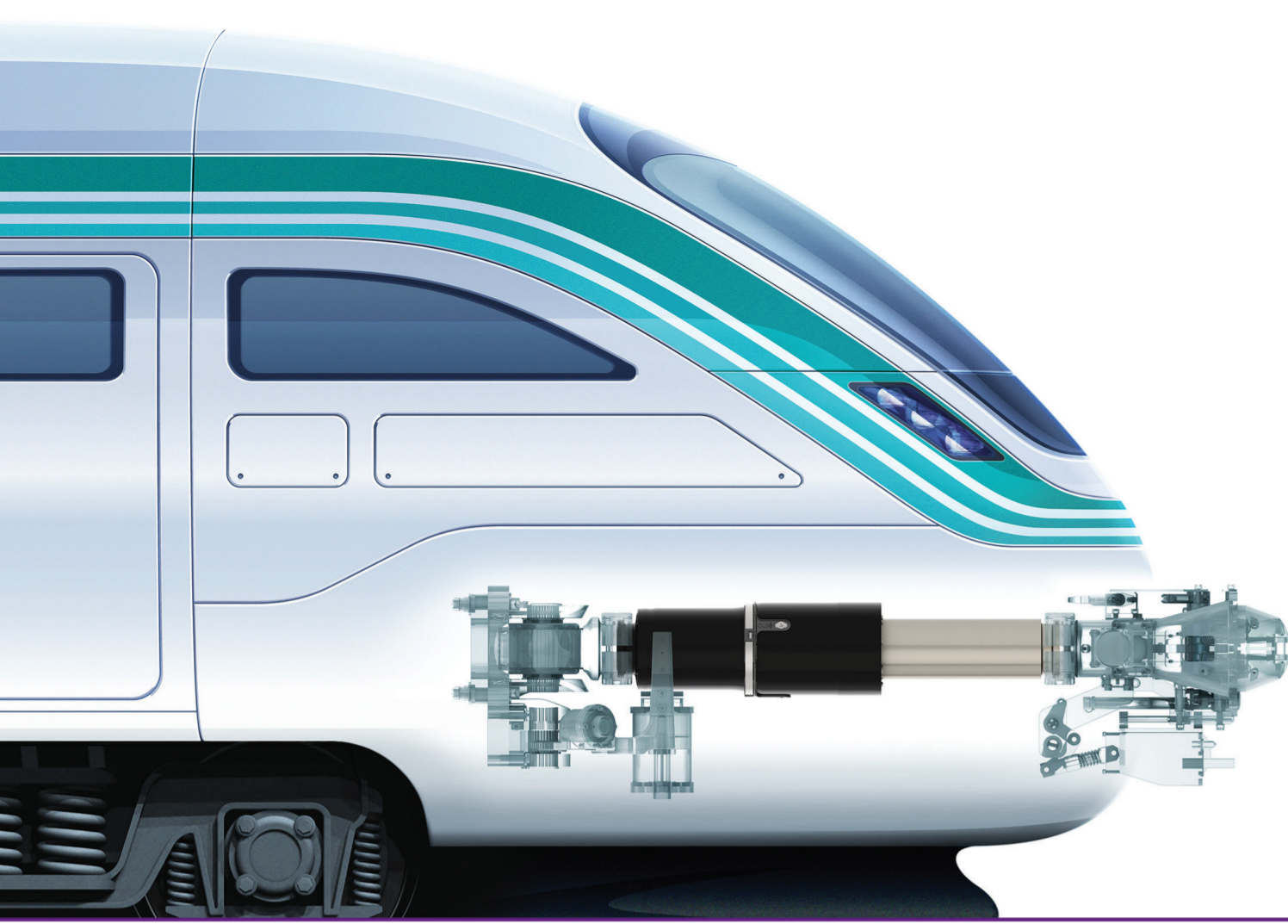
UNIVERSAL



INTERCHANGEABLE



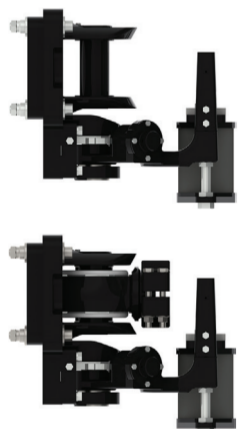
ECONOMICAL



### Pivots

Interchangeable with the leading brands on a 'plug & play' basis

Automatic With Vertical Support & Auto-Centering



Intermediate With Temporary Vertical Support



### OLEO Energy Absorption

#### Modular Gas Hydraulic

	1500kN	Stroke	2500kN	
C215		50mm		C225
C415		100mm		C425
C515		125mm		C525
C615		150mm		C625
C715		175mm		C725
C815		200mm		C825

#### Draft Housing

C215		C225	
C415		C425	
C515		C525	
C615		C625	
C715		C725	
C815		C825	

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C215		C225	
C415		C425	
C515		C525	
C615		C625	
C715		C725	
C815		C825	

#### Sentry™ 1500kN

Stroke	Deformation	Hydraulic	
			M300
		70mm	
			M316
160mm		70mm	
			M323
230mm		70mm	
			M400
		100mm	
			M416
160mm		100mm	
			M423
230mm		100mm	
			M500
		125mm	
			M516
160mm		125mm	
			M523
230mm		125mm	

#### Sentry™ 800

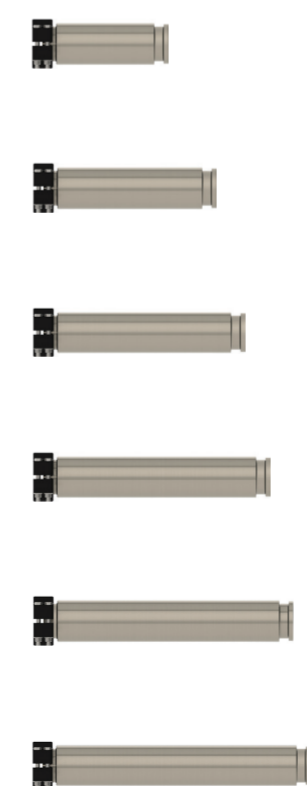


Stroke from Neutral: 55mm Compression: 45mm Tension

#### Deformation Tubes

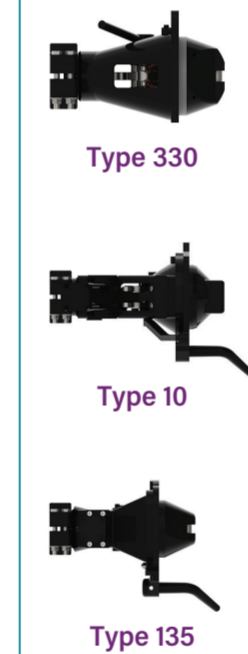
Stroke	
100mm	D040
200mm	D080
300mm	D120
400mm	D160
500mm	D200

#### Rigid Bars



### Heads

Interchangeable with the leading brands on a 'plug & play' basis



### OLEO Anti-Climbers

#### Large Anti Climber

Stroke		
100mm	AF10	AB10
200mm	AF20	AB20
300mm	AF30	AB30
400mm	AF40	AB40
500mm	AF50	AB50

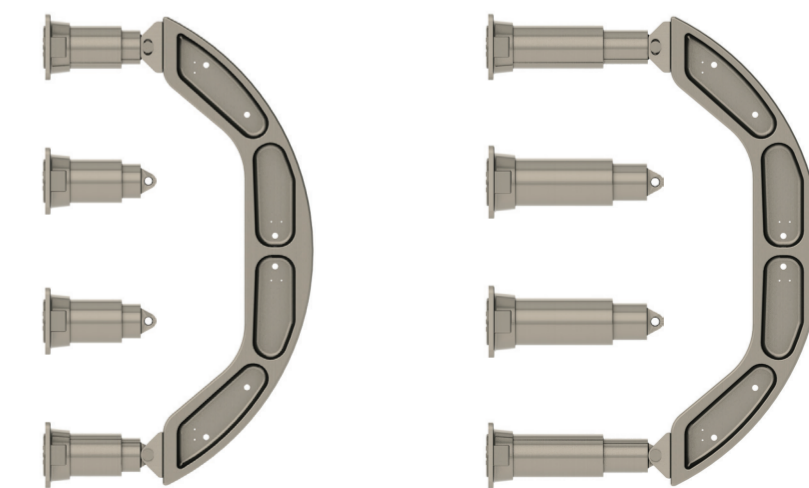
#### Light Weight Anti Climber

Stroke	
100mm	AL10
150mm	AL15
200mm	AL20
250mm	AL25
300mm	AL30

#### Sentry™ Anti Climber

Stroke	Deformation	Hydraulic
70mm		AM300
70mm	160mm	AM316
70mm	230mm	AM323
100mm		AM400
100mm	160mm	AM416
100mm	230mm	AM423
125mm		AM500
125mm	160mm	AM516
125mm	230mm	AM523

#### LRV Anti Climber



Stroke  
SBE 50mm Hydraulic  
200mm Deformation

Stroke  
SDH 150mm Hydraulic  
350mm Deformation