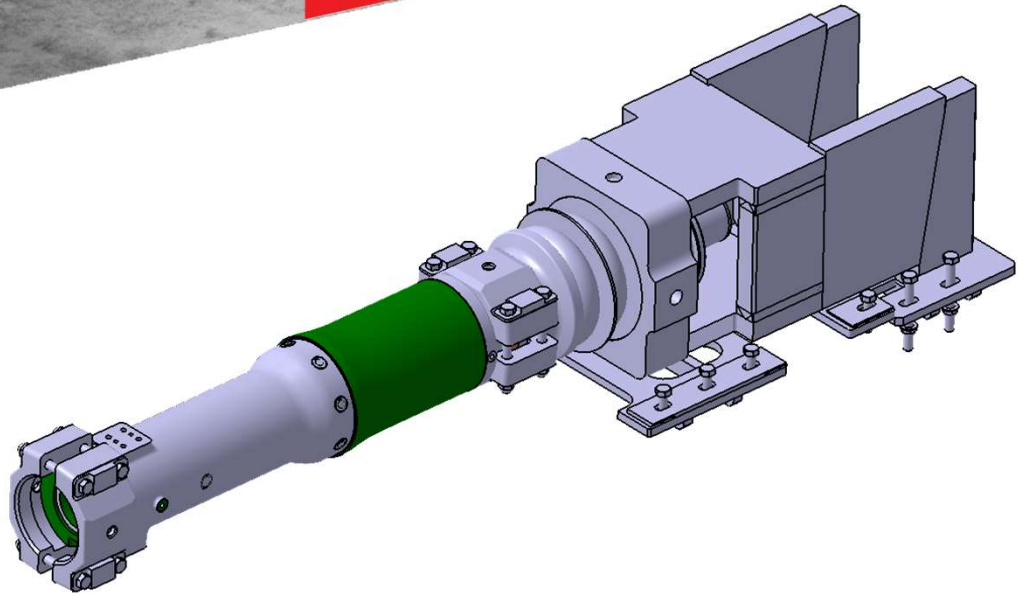


Semi Permanent Coupler with Crashworthiness



Description : The semipermanent couplers are provided between the coaches and at the loco and coach connection. A muff coupling is used to join two semipermanent coupler halves. The couplers are physically validated for high compressive load capacity of 2000 kN, tensile load capacity of 1000 kN and bending load capacity of 300 kN.

Application : Vande Bharat Train (Train 18)

Customer : Indian Railways

Key Benefits of Product :

- Balanced draft gear
- Interchangeable Semi-permanent head
- Interchangeable Muff coupling

Specifications :

1. RDSO spec. - RDSO/2011/CG-03, Rev-1
2. ICF spec. - ICF /MD/SPEC.-307, Rev-00
3. RCF spec. - MDTS 21292, Rev-00

Technical Features:

- Pivot to coupling Line length : 1030 mm
- Energy Capacity : 35 kJ Min.
- Tensile Load : 1000 kN
- Compressive Load : 2000 kN
- Bending Load : 300 kN
- Horizontal Articulation : $\pm 15^\circ$ Max.
- Vertical Articulation : $\pm 4.5^\circ$ Max.

