



CENTRAL TUBE FOR SATELLITES

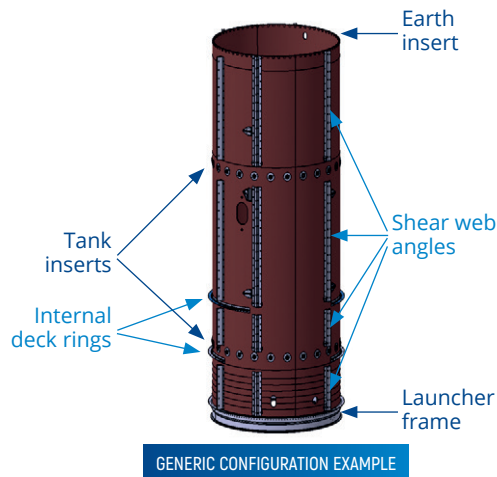
- LIGHT WEIGHT
- MODULAR DESIGN
- AGNOSTIC LAUNCHER - STANDARD LAUNCH INTERFACE
- FLIGHT PROVEN



CENTRAL TUBES FOR SATELLITES

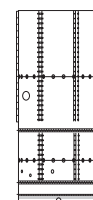
ON TOP OF MASTERING COMPOSITE STRUCTURE MANUFACTURING

ArianeGroup offers reliable solutions to serve its customers needs thanks to unique competencies in design and conception, mechanical and thermal analysis, mechanical and thermal tests.

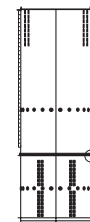


- **Extended heritage of more than 40 years and 100 tubes**
- **Lightweight design with high modulus materials**
- **Modular design, easily adaptable to various S/C accommodations:**
 - Height up to 4m
 - Mass satellite up to 4.8 tons
 - Adaptable intermediate decks altitude
 - Adaptable shear webs localisation
- **Agnostic launcher solution (Ø 1194 mm)**

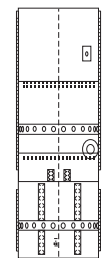
FEATURES	CENTRAL TUBES FAMILY		
Height	2835 mm	3715 mm	3977 mm
Mass	55 - 75 kg	66 kg	95 kg
Max load flux	160 - 270 N/mm	210 N/mm	688 N/mm



H 2835 MM



H 3715 MM



H 3977 MM

KEY FEATURES

- Wide product range
 - Structure mass: 55 - 95 kg
 - Satellite launch mass: up to 4.8 t
 - High launcher interfaces fluxes: up to 688 N/mm
 - Main section internal diameter Ø 1161 mm
- Over the past 40 years, ArianeGroup, through its Equipment & Services division, has built up comprehensive expertise in composite structures for satellites.
 - More than 100 central tubes have been produced, all of which have been fully operational in missions.

CONTACT

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