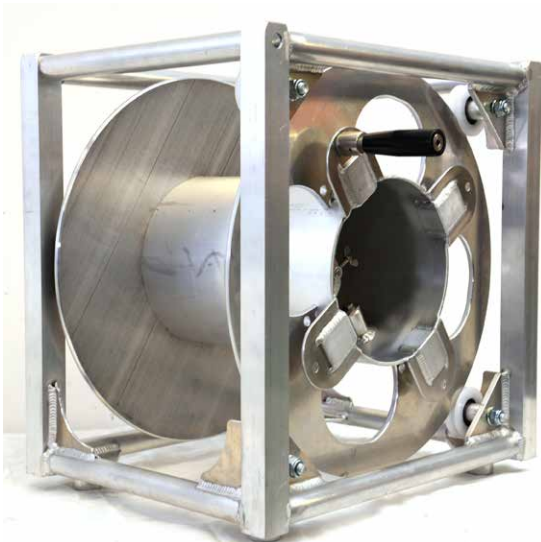


# **ORBITER 5.0** scalable cable drum system

*Optimised for fibre technology and large capacities | 22 sizes*



## • scalable • efficient • protective



- Optimised for fibre optics
- 22 sizes by scalable widths
- Large sizes available
- Protective connector bracket
- Lightweight aluminum structure
- Noncorrosive
- Ergonomic aluminum profiles
- Safe & easy stacking
- Permanently attached fold-away crank
- Tension brake with steady + adjustable friction
- Replaceable feet + brakes

# ORBITER 5.0

## scalable cable drum system

The scalable cable drums of ORBITER.TV comply with any type of fibre optic and conventional cables and mobile applications. Expensive fibre technology is protected properly during handling and transportation by simple mechanical means.

Orbiter cable drums are delivered in fixed dimensions of height and depth and scalable widths. It can be chosen out of 22 sizes and 2 different core diameters. These two main characteristics allow perfect protection of sensitive fibre technology and enhanced exploitation of limited storage space especially in mobile units. Orbiter cable drums take large capacities, our largest drum can take up to 7000 meters of 6 mm or 2500 meters of 9,2 mm cable.

The widths are customised, according to the needed capacity resulting from length and diameter of a cable. These characteristics allow our customers to make best use of space by using cable drums delivered as small as possible or to handle extremely large volumes. Simply specify your cable's length + diameter and we will offer you the best fitting drum size. Please download from our website and review the table, which displays all deliverable drum sizes referring to given cable diameters and lengths.

The production process follows the concept of standardised customisation. Our manufacturing process allows flexible customisation by simply providing a large range of different drum sizes in variable formats to match all sorts of customer requirements regarding the drum's total space consumption and fitting accuracy according to various given space conditions. The system provides storage + handling for small and large cable capacities.

IT-controlled manufacturing has streamlined the individualised manufacturing process to a point where the output is no longer limited to small quantities but delivering customised manufacturing in large quantities

The cable drum's lightweight aluminum structure leaves the user with less weight to carry. The round aluminum tubes offer a comfortable and painless grip which makes transportation easier.

The drum can easily be rotated by a manual crank which is fixed to the drum. This feature makes it impossible to forget your crank when working in remote places, far away from your mobile unit.

The drums can be stacked safely up to 4 metres/ 13 ft height by means of centring pins.

Orbiter cable drums are particularly suited for fiber optic cables, which require more careful handling and storage than conventional cables. It has excess patch storage room and an adjustable fixing point for the connector inside the drum, to avoid damage to sensitive and expensive fibre connectors.

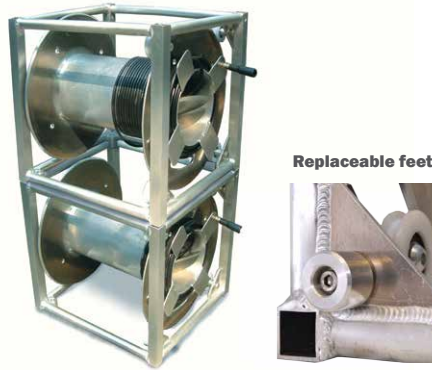
The entire design and form of the drums comply with the standards for fibre optics. This ensures that cables will neither be damaged by sharp edges nor by too narrow radii, as excessive bending of cables may lead to damage or loss in signal quality. All of this means the best possible adaptation of our cable drums to requirements of fibre optics, limited space, and good working conditions.

The Orbiter cable drum system saves money. It features a very rugged design to match the extraordinary stresses and strains of everyday OB-use. This warrants outstanding longevity in comparison to other products wearing out much quicker and incurring replacement cost as well as large costs for damaged fibre technology. In this respect our product warrants a particularly low total cost of ownership. Just consider that our first cable drums which had been delivered as early as 2005 and have by now delivered millions of cycles, have to this day remained free of any major customer complaints.

### 22 sizes by customised widths



### Safe stacking



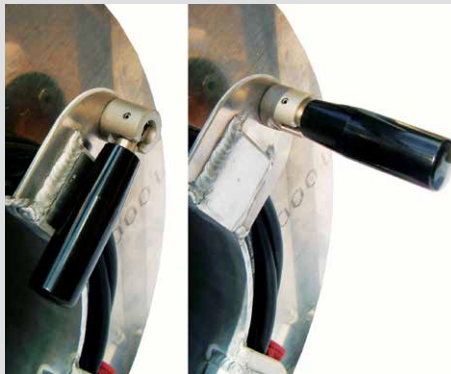
### Separated excess patch storage



### Protective connector bracket



### Fold away crank



### Transport option



### Main Features

- Optimised for fibre optics
- 22 sizes scalable + customised widths
- Large sizes available
- Protective connector bracket
- Lightweight aluminum structure
- Noncorrosive
- Ergonomic aluminum profiles
- Safe & easy stacking
- Permanently attached fold-away crank
- Tension brake with steady + adjustable friction
- Replaceable feet + brakes
- 1 year warranty

### Technical Specifications

**Measures:**  
 Height x Depth: ..... 50 x 50 cm  
 Height x Depth: ..... 60 x 60 cm  
 Height x Depth: ..... 80 x 80 cm  
 Diametre drum cores: ..... 22 / 30 cm  
 Width: customised, referring to required capacity

**Weight:**  
 Weight depending on size ..... 17 - 32 kg

### Options

- Trolley
- On wheels
- Built in socket plate
- Customisation

### Service

- Free calculation of all optional sizes
- Free consultancy
- Rentals