

# FIXED EQUIPMENT CROSSARMS



Crossarms can be mounted on any type of mast, from lighting pole to high lighting masts.

With their lightweight, they are easy to install and the wide range of Petitjean crossarms makes possible multiple configurations..

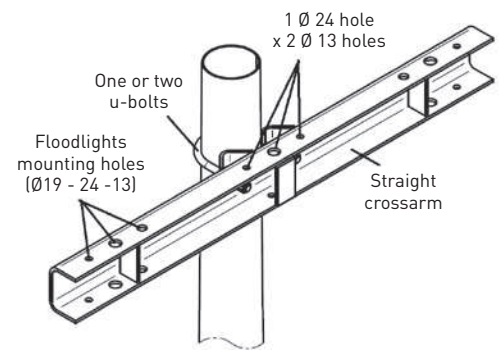
## U-BOLTED STRAIGHT CROSSARMS

| DESCRIPTION                              | WIND SURFACE (m <sup>2</sup> ) | WEIGHT (kg) | HORIZONTAL CENTER DISTANCE (mm) |
|--|--------------------------------|-------------|---------------------------------|
| 400 mm Crossarm with 1x U-bolt= TB 400   | 0.06                           | 4.3         | -                               |
| 1100 mm Crossarm with 1x U-bolt= TB 1100 | 0.15                           | 12.2        | 830                             |
| 1550 mm Crossarm with 1x U-bolt= TB 1551 | 0.22                           | 16.8        | 1280                            |
| 1550 m Crossarm with 2x U-bolts= TB 1552 | 0.33                           | 24.2        | 1280                            |
| 2200 mm Crossarm with 2x U-bolts= TB2200 | 0.45                           | 33.0        | 1930                            |

U-bolted straight crossarms can be installed on masts of top diameter varying:

**From 60 to 205 mm (one u-bolt)**

**From 76 to 205 mm (two u-bolts)**



The 400 mm length crossarm support only 1 floodlight, the others crossarms (1100, 1550 or 2200 mm lengths) can support 2 floodlights by row (or 3 sitting on the upper row), according to floodlights dimensions.

With our 5 u-bolted straight crossarms models, it is possible to construct the configuration adapted to the number and type of floodlights required (up to 9 symmetrical floodlights or 7 asymmetrical floodlights in a standard configuration).

It should be noted that the upper crossarm is mounted on the front of the mast and the lower crossarm at the rear, in order to create an appropriate distance for a better lighting (avoiding occultation).

U-bolted straight crossarms can be mounted on masts with no access or access with rungs and safety cable.

Electrical supply cables come out of the head mast by a grommet ( 4 or 8 cable gland models).

If necessary, extra cable gland can be positionned directly at the lower crossarm level.

Then, it is also possible to mount floodlights on a back-to-back position to allow a two-sides lighting.

## CURVED CROSSARMS

Curved crossarms, equivalent to straight crossarms capacities, can be proposed to improve head mast aesthetic appearance. Curved crossarms are lighter and offer less wind resistance.

| DESCRIPTION                                       | WIND SURFACE (m <sup>2</sup> ) | MASSE (kg) | HORIZONTAL CENTER DISTANCE (mm) |
|---|--------------------------------|------------|---------------------------------|
| 1100 mm curved crossarm (50 square tube) = TC1100 | 0.07                           | 5.3        | 830                             |
| 1550 mm curved crossarm (50 square tube) = TC1551 | 0.10                           | 7.9        | 1280                            |
| 1550 mm curved crossarm (60 square tube) = TC1552 | 0.12                           | 9.0        | 1280                            |
| 2200 mm curved crossarm (60 square tube) = TC2200 | 0.17                           | 12.8       | 1930                            |

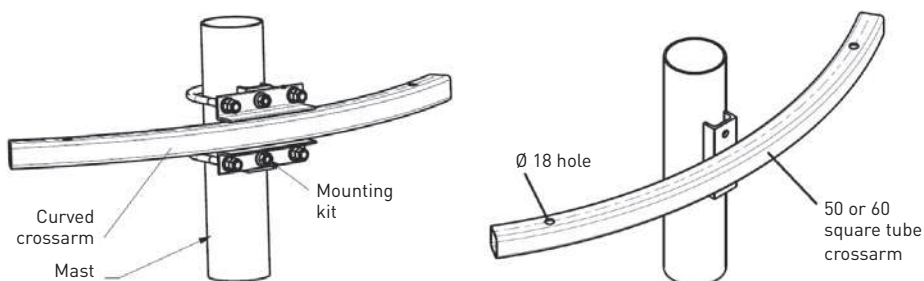
Curved crossarms can be installed on masts of top diameter varying:

**From 60 to 205 mm** (TC1100 and TC1551)

**From 76 to 205 mm** (TC1552 and TC2200)

Curved crossarm is fixed on the mast by two mounting kits, each composed of one u-bolt and one steel angle.

Curved crossarm can be mounted only on the front of the mast, unlike straight crossarms that can be fixed also at the rear.



Fixed on the mast by 2 mounting kits



## 3000 MM CURVED CROSSARM

3000 mm curved crossarm completes Petitjean crossarms range. It can be mounted on the mast without platform or with a PFD15 platform model.

This 3000 mm curved crossarm is fixed on the mast by two mounting kits, each composed of one u-bolt and one steel angle.

3000 mm curved crossarm can be installed on masts of top diameter varying from 99 to 205 mm.

### Capacities:

Wind surface (m<sup>2</sup>) : 0.20

Weight (kg) : 20