

# LIGHTWEIGHT

and small mast range

ENG

ENTRY - SUPER ENTRY - STAR - PRIMO - SUPER PRIMO - MAXI PRIMO - ZERO - ULTRALIGHT



## TOPICS

- FOR SMALL VEHICLES
- ECONOMIC RANGE WITH HIGH QUALITY
- DIFFERENT MOUNTING POSSIBILITIES:  
ON TRIPOD OR ON VEHICLE
- FOR SMALL LAMP UNITS

## APPLICATIONS

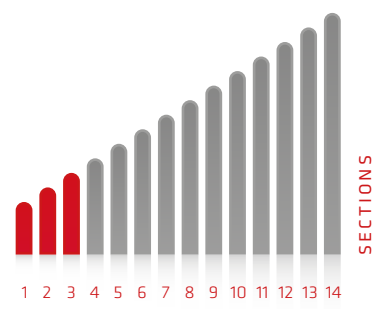


**FIRECO**  
TELESCOPIC MASTS & FIRE EQUIPMENT

The **ENTRY** mast is the first of the lightweight mast range with the internal electrical cable. It is a light and economic telescopic mast, it has a diameter of 66mm. The extended height goes from 2m up to 4m and the mast can be equipped with a hand pump. On each section there is a locking device to prevent turning of the sections. The mast head has a Ø24mm PIN connection. An optional electrical socket and plug can be supplied for connecting 230V lamp units.



APPLICATIONS



| Mod. ENTRY Ø 66 mm       |                         |                                               | 2 sections with internal cable                           |       |       |
|--------------------------|-------------------------|-----------------------------------------------|----------------------------------------------------------|-------|-------|
| CN 52                    |                         |                                               | 11                                                       | 12    | 13    |
| Code<br>P/H              | extended height         | mm                                            | 2.004                                                    | 2.494 | 2.990 |
|                          | retracted height        | mm                                            | 1.200                                                    | 1.450 | 1.700 |
| internal spiralled cable |                         |                                               | Standard 4x1,5 mm <sup>2</sup> Cod. B<br>optional Cod. H |       |       |
|                          | max. top load           | kg                                            | 23                                                       | 23    | 23    |
|                          | weight                  | kg Cod. P / H                                 | 4,5                                                      | 5     | 5,5   |
|                          | max. allowed wind speed | km / h with max. surface: 0,24 m <sup>2</sup> | 180                                                      | 165   | 150   |

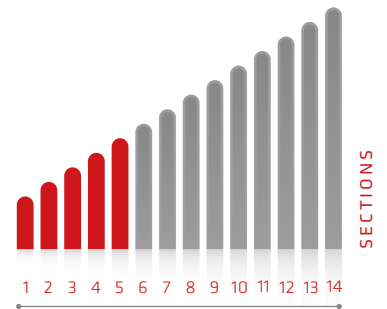
| Mod. ENTRY Ø 66 mm       |                         |                                              | 3 sections with internal cable                           |       |       |       |
|--------------------------|-------------------------|----------------------------------------------|----------------------------------------------------------|-------|-------|-------|
| CN 53                    |                         |                                              | 01                                                       | 02    | 03    | 04    |
| Code<br>P/H              | extended height         | mm                                           | 2.498                                                    | 3.003 | 3.443 | 3.963 |
|                          | retracted height        | mm                                           | 1.135                                                    | 1.300 | 1.470 | 1.640 |
| internal spiralled cable |                         |                                              | Standard 4x1,5 mm <sup>2</sup> Cod. B<br>optional Cod. H |       |       |       |
|                          | max. top load           | kg                                           | 20                                                       | 20    | 19    | 18    |
|                          | weight                  | kg Cod. P / H                                | 5,5                                                      | 6     | 6,5   | 7     |
|                          | max. allowed wind speed | km / h with max. surface: 0,2 m <sup>2</sup> | 150                                                      | 135   | 120   | 110   |



The **SUPER ENTRY** mast has a diameter of 80mm. The extended height goes from 2m up to 6m and the mast can be equipped with a hand pump. On each section there is a locking device to prevent turning of the sections. The mast head has a Ø24mm PIN connection. An optional electrical socket and plug can be supplied for connecting 230V lamp units.



APPLICATIONS



| Mod. SUPER ENTRY Ø 80 mm                                             |                     | 2 sections with internal cable                             |       |       |
|----------------------------------------------------------------------|---------------------|------------------------------------------------------------|-------|-------|
| CO 52                                                                |                     | 21                                                         | 22    | 23    |
| Code P/H                                                             | extended height mm  | 2.000                                                      | 2.470 | 2.960 |
|                                                                      | retracted height mm | 1.185                                                      | 1.435 | 1.685 |
| internal spiralled cable                                             |                     | Standard 4 x 1,5 mm <sup>2</sup> Cod. B<br>optional Cod. H |       |       |
| max. top load kg                                                     |                     | 30                                                         | 30    | 30    |
| weight kg Cod. P / H                                                 |                     | 6                                                          | 6,5   | 7     |
| max. allowed wind speed km / h with max. surface: 0,5 m <sup>2</sup> |                     | 155                                                        | 140   | 130   |

| Mod. SUPER ENTRY Ø 80 mm                                             |                     | 3 sections with internal cable                             |       |       |       |
|----------------------------------------------------------------------|---------------------|------------------------------------------------------------|-------|-------|-------|
| CO 53                                                                |                     | 11                                                         | 12    | 13    | 14    |
| Code P/H                                                             | extended height mm  | 2.473                                                      | 3.004 | 3.473 | 3.964 |
|                                                                      | retracted height mm | 1.120                                                      | 1.287 | 1.480 | 1.647 |
| internal spiralled cable                                             |                     | Standard 4 x 1,5 mm <sup>2</sup> Cod. B<br>optional Cod. H |       |       |       |
| max. top load kg                                                     |                     | 28                                                         | 28    | 28    | 28    |
| weight kg Cod. P / H                                                 |                     | 7                                                          | 7.5   | 8     | 8.5   |
| max. allowed wind speed km / h with max. surface: 0,4 m <sup>2</sup> |                     | 135                                                        | 120   | 110   | 100   |

| Mod. SUPER ENTRY Ø 80 mm                                             |                     | 4 sections with internal cable                             |       |       |       |
|----------------------------------------------------------------------|---------------------|------------------------------------------------------------|-------|-------|-------|
| CO 54                                                                |                     | 36                                                         | 37    | 38    | 39    |
| Code P/H                                                             | extended height mm  | 3.499                                                      | 3.909 | 4.499 | 4.939 |
|                                                                      | retracted height mm | 1.240                                                      | 1.380 | 1.535 | 1.675 |
| internal spiralled cable                                             |                     | Standard 4 x 1,5 mm <sup>2</sup> Code B<br>optional Cod. H |       |       |       |
| max. top load kg                                                     |                     | 26                                                         | 25    | 24    | 23    |
| weight kg Cod. P / H                                                 |                     | 8,5                                                        | 9     | 9,5   | 10    |
| max. allowed wind speed km / h with max. surface: 0,3 m <sup>2</sup> |                     | 115                                                        | 105   | 95    | 90    |

| Mod. SUPER ENTRY Ø 80 mm                                             |                     | 5 sections with internal cable                             |       |       |       |       |
|----------------------------------------------------------------------|---------------------|------------------------------------------------------------|-------|-------|-------|-------|
| CO 55                                                                |                     | 11                                                         | 12    | 13    | 14    | 15    |
| Code P/H                                                             | extended height mm  | 4.000                                                      | 4.448 | 5.000 | 5.500 | 6.000 |
|                                                                      | retracted height mm | 1.266                                                      | 1.374 | 1.498 | 1.606 | 1.714 |
| internal spiralled cable                                             |                     | Standard 4 x 1,5 mm <sup>2</sup> Cod. B<br>optional Cod. H |       |       |       |       |
| max. top load kg                                                     |                     | 22                                                         | 22    | 21    | 21    | 20    |
| weight kg Cod. P / H                                                 |                     | 9,5                                                        | 10    | 10,5  | 11    | 11,5  |
| max. allowed wind speed km / h with max. surface: 0,2 m <sup>2</sup> |                     | 115                                                        | 105   | 95    | 90    | 85    |

The **STAR** mast is a light and economic telescopic mast, it has a diameter of 66mm.

The extended height goes from 2m up to 5m and the mast can be equipped with a hand pump.

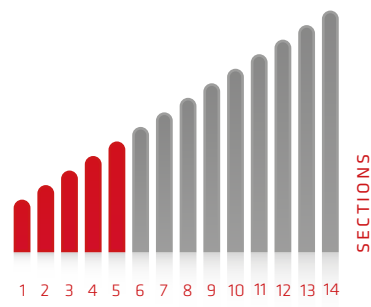
On each section there is a locking device to prevent turning of the sections.

The mast head has a Ø24mm PIN

Connection for mounting different lamp units or very small equipment.



APPLICATIONS



| Mod. STAR Ø 66 mm |                         |                                              | 2 sections without internal cable |       |       |
|-------------------|-------------------------|----------------------------------------------|-----------------------------------|-------|-------|
| CA 52             |                         |                                              | 21                                | 22    | 23    |
| Code<br>P/H       | extended height         | mm                                           | 1.930                             | 2.480 | 2.980 |
|                   | retracted height        | mm                                           | 1.120                             | 1.370 | 1.620 |
|                   | max. top load           | kg                                           | 23                                | 23    | 23    |
|                   | weight                  | kg Cod. P / H                                | 4,5                               | 5     | 5,5   |
|                   | max. allowed wind speed | km / h with max. surface: 0,2 m <sup>2</sup> | 180                               | 165   | 150   |

| Mod. STAR Ø 66 mm |                         |                                              | 3 sections without internal cable |       |       |
|-------------------|-------------------------|----------------------------------------------|-----------------------------------|-------|-------|
| CA 53             |                         |                                              | 21                                | 22    | 23    |
| Code<br>P/H       | extended height         | mm                                           | 2.739                             | 3.244 | 3.759 |
|                   | retracted height        | mm                                           | 1.120                             | 1.315 | 1.620 |
|                   | max. top load           | kg                                           | 19                                | 19    | 19    |
|                   | weight                  | kg Cod. P / H                                | 5,5                               | 6     | 7     |
|                   | max. allowed wind speed | km / h with max. surface: 0,2 m <sup>2</sup> | 135                               | 125   | 115   |

| Mod. STAR Ø 66 mm |                         |                                              | 4 sections without internal cable |       |       |
|-------------------|-------------------------|----------------------------------------------|-----------------------------------|-------|-------|
| CA 54             |                         |                                              | 01                                | 02    | 03    |
| Code<br>P/H       | extended height         | mm                                           | 3.483                             | 3.983 | 4.483 |
|                   | retracted height        | mm                                           | 1.200                             | 1.325 | 1.450 |
|                   | max. top load           | kg                                           | 15                                | 15    | 15    |
|                   | weight                  | kg Cod. P / H                                | 6,5                               | 7     | 7,5   |
|                   | max. allowed wind speed | km / h with max. surface: 0,2 m <sup>2</sup> | 110                               | 100   | 90    |

| Mod. STAR Ø 66 mm |                         |                                              | 5 sections without internal cable |       |       |
|-------------------|-------------------------|----------------------------------------------|-----------------------------------|-------|-------|
| CA 55             |                         |                                              | 01                                | 02    | 03    |
| Code<br>P/H       | extended height         | mm                                           | 4.020                             | 4.440 | 4.940 |
|                   | retracted height        | mm                                           | 1.170                             | 1.270 | 1.370 |
|                   | max. top load           | kg                                           | 12                                | 12    | 12    |
|                   | weight                  | kg Cod. P / H                                | 7                                 | 7,5   | 8     |
|                   | max. allowed wind speed | km / h with max. surface: 0,2 m <sup>2</sup> | 95                                | 90    | 80    |

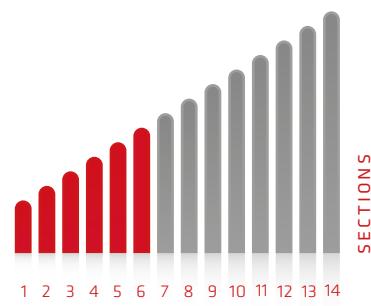


The **PRIMO** mast has a diameter of 66mm.  
The extended height goes from 3m up to 9m and the mast can be equipped with a hand pump. On each section there is a locking device to prevent turning of the sections.

The mast head has a Ø24mm PIN connection for mounting different lamp units or or small equipment.



APPLICATIONS



| Mod. PRIMO Ø 66 mm |                         |                                              | 4 sections without internal cable |       |       |       |       |       |
|--------------------|-------------------------|----------------------------------------------|-----------------------------------|-------|-------|-------|-------|-------|
| CP 54              |                         |                                              | 11                                | 12    | 13    | 14    | 15    | 16    |
| Code<br>P/H        | extended height         | mm                                           | 2.963                             | 3.483 | 3.963 | 4.483 | 5.103 | 5.923 |
|                    | retracted height        | mm                                           | 1.070                             | 1.200 | 1.320 | 1.450 | 1.620 | 1.810 |
|                    | max. top load           | kg                                           | 16                                | 15    | 15    | 14    | 13    | 12    |
|                    | weight                  | kg Cod. P / H                                | 6                                 | 6,5   | 7     | 7,5   | 8     | 9     |
|                    | max. allowed wind speed | km / h with max. surface: 0,2 m <sup>2</sup> | 120                               | 110   | 100   | 90    | 85    | 75    |
|                    | Ø top section           |                                              | 45 mm                             |       |       |       |       |       |

|             |                         | Mod. PRIMO Ø 66 mm | 6 sections without internal cable |       |       |       |       |        |       |       |
|-------------|-------------------------|--------------------|-----------------------------------|-------|-------|-------|-------|--------|-------|-------|
|             |                         | CP 56              | 01                                | 02    | 03    | 04    | 05    | 06     | 07    | 08    |
| Code<br>P/H | extended height         | mm                 | 3.420                             | 3.930 | 4.490 | 5.230 | 5.980 | 7.016  | 7.930 | 9.080 |
|             | retracted height        | mm                 | 1.000                             | 1.085 | 1.170 | 1.335 | 1.460 | 1.616  | 1.835 | 1.960 |
|             | max. top load           | kg                 | 9                                 | 9     | 9     | 8     | 8     | 7      | 7     | 6     |
|             | weight                  | kg Cod. P / H      | 7,0                               | 7,5   | 8     | 8,5   | 9     | 10     | 11    | 11,5  |
|             | max. allowed wind speed | km / h             | 105                               | 95    | 85    | 75    | 65    | 110    | 95    | 80    |
|             | with max. surface       |                    | 0,2 m²                            |       |       |       |       | 0,1 m² |       |       |
|             | Ø top section           |                    | 31 mm                             |       |       |       |       |        |       |       |

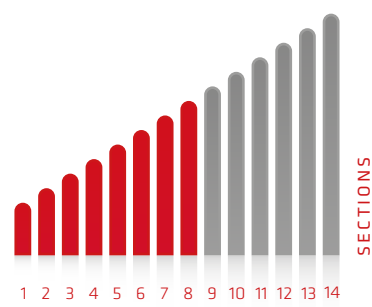
# Super Primo

The **SUPER PRIMO** mast has a diameter of 80mm. The extended height goes from 4m up to 16m and the mast can be equipped with a hand pump. On each section there is a locking device to prevent turning of the sections.

The mast head has a Ø24mm PIN connection. This mast can bear bigger head loads in respect to the ones listed before.



APPLICATIONS



| Mod. SUPER PRIMO Ø 80 mm |                         |                                              | 4 sections without internal cable |       |       |
|--------------------------|-------------------------|----------------------------------------------|-----------------------------------|-------|-------|
| CO 54                    |                         |                                              | 26                                | 27    | 28    |
| Code<br>P/H              | extended height         | mm                                           | 4.983                             | 5.923 | 6.923 |
|                          | retracted height        | mm                                           | 1.650                             | 1.810 | 2.060 |
|                          | max. top load           | kg                                           | 24                                | 23    | 20    |
|                          | weight                  | kg Cod. P/H                                  | 10,5                              | 11,5  | 12,5  |
|                          | max. allowed wind speed | km / h with max. surface: 0,1 m <sup>2</sup> | 115                               | 100   | 85    |
|                          | Ø top section           |                                              | 59 mm                             |       |       |

| Mod. SUPER PRIMO Ø 80 mm |                          |                | 6 sections without internal cable                   |       |       |       |       |        |        |        |
|--------------------------|--------------------------|----------------|-----------------------------------------------------|-------|-------|-------|-------|--------|--------|--------|
| CO 56                    |                          |                | 16                                                  | 17    | 18    | 19    | 20    | 21     | 22     | 23     |
| Code<br>P/H              | extended height          | mm             | 5.010                                               | 6.005 | 6.995 | 7.930 | 8.870 | 10.120 | 10.970 | 12.020 |
|                          | retracted height         | mm             | 1.290                                               | 1.460 | 1.625 | 1.835 | 1.950 | 2.200  | 2.550  | 2.800  |
|                          | max. top load            | kg             | 18                                                  | 16    | 16    | 14    | 13    | 11     | 10     | 10     |
|                          | weight                   | kg    Cod. P/H | 11                                                  | 12    | 13    | 14,5  | 15    | 16,5   | 19     | 20,5   |
|                          | max. allowed wind speed* | km / h         | 110                                                 | 90    | 75    | 160   | 150   | 135    | 120    | 105    |
|                          | with max. surface 0,1 m² |                |                                                     |       |       |       | guyed |        |        |        |
|                          | Ø top section            |                | 45 mm                                               |       |       |       |       |        |        |        |
|                          |                          |                | Guy lines to be fitted to the second to top section |       |       |       |       |        |        |        |

⚠ On this leaflet you will find just a small selection of our mast models, please contact us for further information.

\*When erecting masts with guying ropes, take extreme care during the extension phase. Maximum allowed wind speed during extension is 20km/h

# LIGHTWEIGHT MASTS WITHOUT INTERNAL CABLE



| Mod. SUPER PRIMO Ø 80 mm |                          | 7 sections without internal cable |       |       |       |       |       |                                                     |
|--------------------------|--------------------------|-----------------------------------|-------|-------|-------|-------|-------|-----------------------------------------------------|
| CO 57                    |                          | 01                                | 02    | 03    | 04    | 05    | 06    |                                                     |
| Code<br>P/H              | extended height          | mm                                | 5.033 | 6.013 | 7.034 | 8.023 | 9.003 | 10.018                                              |
|                          | retracted height         | mm                                | 1.220 | 1.360 | 1.523 | 1.690 | 1.830 | 1.975                                               |
|                          | max. top load            | kg                                | 12    | 12    | 11    | 9     | 9     | 8                                                   |
|                          | weight                   | kg Cod. P / H                     | 11,5  | 12,4  | 13,5  | 14,8  | 15,7  | 16,7                                                |
|                          | max. allowed wind speed* | km / h                            | 105   | 90    | 75    | 155   | 140   | 125                                                 |
|                          | with max. surface 0,1 m² |                                   |       |       |       | guyed |       |                                                     |
|                          | Ø top section            |                                   | 38 mm |       |       |       |       | Guy lines to be fitted to the second to top section |

| Mod. SUPER PRIMO Ø 80 mm |                          | 7 sections without internal cable                   |        |                          |        |        |        |        |
|--------------------------|--------------------------|-----------------------------------------------------|--------|--------------------------|--------|--------|--------|--------|
| CO 57                    |                          | 07                                                  | 08     | 09                       | 10     | 11     | 12     |        |
| Code<br>P/H              | extended height          | mm                                                  | 11.013 | 12.028                   | 13.023 | 14.003 | 15.018 | 16.663 |
|                          | retracted height         | mm                                                  | 2.160  | 2.305                    | 2.490  | 2.630  | 2.775  | 3.070  |
|                          | max. top load            | kg                                                  | 8      | 7                        | 6      | 5      | 5      | 4      |
|                          | weight                   | kg Cod. P / H                                       | 18,1   | 19,1                     | 20     | 20,8   | 22     | 24     |
|                          | max. allowed wind speed* | km / h                                              | 110    | 95                       | 130    | 115    | 100    | 80     |
|                          | with max. surface 0,1 m² |                                                     | guyed  |                          |        |        |        |        |
|                          | Ø top section            |                                                     | 38 mm  |                          |        |        |        |        |
|                          |                          | Guy lines to be fitted to the second to top section |        | 2 Levels of guying rings |        |        |        |        |

| Mod. SUPER PRIMO Ø 80 mm |                          | 8 sections without internal cable |       |       |                                                     |       |        |        |
|--------------------------|--------------------------|-----------------------------------|-------|-------|-----------------------------------------------------|-------|--------|--------|
| CO 58                    |                          | 01                                | 02    | 03    | 04                                                  | 05    | 06     |        |
| Code<br>P/H              | extended height          | mm                                | 5.799 | 6.999 | 8.009                                               | 9.011 | 10.529 | 11.979 |
|                          | retracted height         | mm                                | 1.200 | 1.420 | 1.590                                               | 1.715 | 1.940  | 2.130  |
|                          | max. top load            | kg                                | 9     | 9     | 7                                                   | 7     | 6      | 6      |
|                          | weight                   | kg Cod. P / H                     | 11,6  | 13,4  | 14,8                                                | 15,7  | 17,5   | 18,9   |
|                          | max. allowed wind speed* | km / h                            | 90    | 70    | 140                                                 | 125   | 100    | 80     |
|                          | with max. surface 0,1 m² |                                   |       |       |                                                     | guyed |        |        |
|                          | Ø top section            |                                   |       |       |                                                     | 31 mm |        |        |
|                          |                          |                                   |       |       | Guy lines to be fitted to the second to top section |       |        |        |

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\*When erecting masts with guying ropes, take extreme care during the extension phase. Maximum allowed wind speed during extension is 20km/h

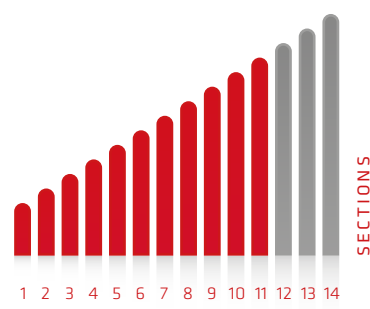
# Maxi Primo

The **MAXI PRIMO** mast is the biggest mast of the lightweight range and has a diameter of 101mm. The extended height goes from 7.5m up to 20m and the mast can be equipped with a hand pump. On each section there is a locking device to prevent turning of the sections.

The mast head has a Ø24mm PIN connection for mounting different lamp units or measuring equipment, antennas etc.



APPLICATIONS



| Mod. MAXI PRIMO Ø 101 mm |                          | 7 sections without internal cable                   |       |       |        |                          |        |
|--------------------------|--------------------------|-----------------------------------------------------|-------|-------|--------|--------------------------|--------|
| CM 57                    |                          | 01                                                  | 02    | 03    | 04     | 05                       |        |
| Code<br>P/H              | extended height          | mm                                                  | 7.476 | 9.046 | 10.496 | 12.476                   | 15.106 |
|                          | retracted height         | mm                                                  | 1.575 | 1.825 | 2.075  | 2.375                    | 2.785  |
|                          | max. top load            | kg                                                  | 22    | 20    | 18     | 12                       | 10     |
|                          | weight                   | kg Cod. P / H                                       | 19,6  | 22,1  | 24,6   | 27,5                     | 30,6   |
|                          | max. allowed wind speed* | km / h                                              | 85    | 70    | 60     | 120                      | 120    |
|                          | with max. surface 0,1 m² |                                                     |       |       |        | guyed                    |        |
|                          | Ø top section            |                                                     | 59 mm |       |        |                          |        |
|                          |                          | Guy lines to be fitted to the second to top section |       |       |        | 2 Levels of guying rings |        |

|             | Mod. MAXI PRIMO Ø 101 mm |               | 8 sections without internal cable |                                                     |        |                          |        |        |
|-------------|--------------------------|---------------|-----------------------------------|-----------------------------------------------------|--------|--------------------------|--------|--------|
|             | CM 58                    |               | 07                                | 08                                                  | 09     | 10                       | 11     | 12     |
| Code<br>P/H | extended height          | mm            | 9.030                             | 10.550                                              | 12.000 | 13.520                   | 14.960 | 17.010 |
|             | retracted height         | mm            | 1.715                             | 1.940                                               | 2.130  | 2.320                    | 2.500  | 2.800  |
|             | max. top load            | kg            | 14                                | 12                                                  | 11     | 10                       | 9      | 8      |
|             | weight                   | kg Cod. P / H | 22,3                              | 24,7                                                | 26,7   | 28,6                     | 30,5   | 32,8   |
|             | max. allowed wind speed* | km / h        | 70                                | 55                                                  | 115    | 100                      | 120    | 110    |
|             | with max. surface 0,1 m² |               |                                   |                                                     | guyed  |                          |        |        |
|             | Ø top section            |               |                                   |                                                     | 52 mm  |                          |        |        |
|             |                          |               |                                   | 1 Level of guying rings                             |        | 2 Levels of guying rings |        |        |
|             |                          |               |                                   | Guy lines to be fitted to the second to top section |        |                          |        |        |

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\*When erecting masts with guying ropes, take extreme care during the extension phase. Maximum allowed wind speed during extension is 20km/h

# LIGHTWEIGHT MASTS WITHOUT INTERNAL CABLE



|             | Mod. MAXI PRIMO Ø 101 mm |             | 9 sections without internal cable                   |       |        |        |                          |        |                          |        |
|-------------|--------------------------|-------------|-----------------------------------------------------|-------|--------|--------|--------------------------|--------|--------------------------|--------|
|             | CM 59                    |             | 01                                                  | 02    | 03     | 04     | 05                       | 06     | 07                       | 08     |
| Code<br>P/H | extended height          | mm          | 7.512                                               | 9.052 | 10.502 | 12.032 | 13.492                   | 15.022 | 16.860                   | 19.832 |
|             | retracted height         | mm          | 1.500                                               | 1.680 | 1.850  | 2.020  | 2.200                    | 2.370  | 2.592                    | 3.100  |
|             | max. top load            | kg          | 14                                                  | 13    | 12     | 10     | 9                        | 8      | 7                        | 5      |
|             | weight                   | kg Cod. P/H | 21,2                                                | 23,2  | 25,1   | 27     | 29                       | 30,8   | 32,5                     | 38,2   |
|             | max. allowed wind speed* | km / h      | 80                                                  | 65    | 55     | 100    | 90                       | 120    | 110                      | 120    |
|             | with max. surface 0,1 m² |             |                                                     |       |        | guyed  |                          |        |                          |        |
|             | Ø top section            |             | 45 mm                                               |       |        |        |                          |        |                          |        |
|             |                          |             | 1 Level of guying rings                             |       |        |        | 2 Levels of guying rings |        | 3 Levels of guying rings |        |
|             |                          |             | Guy lines to be fitted to the second to top section |       |        |        |                          |        |                          |        |

| Mod. MAXI PRIMO Ø 101 mm |                                      |               | 10 sections without internal cable                  |       |       |        |                          |        |        |
|--------------------------|--------------------------------------|---------------|-----------------------------------------------------|-------|-------|--------|--------------------------|--------|--------|
| CM 50                    |                                      |               | 07                                                  | 08    | 09    | 10     | 11                       | 12     | 13     |
| Code<br>P/H              | extended height                      | mm            | 6.047                                               | 7.547 | 8.867 | 10.457 | 11.957                   | 13.457 | 14.597 |
|                          | retracted height                     | mm            | 1.250                                               | 1.400 | 1.550 | 1.700  | 1.850                    | 2.000  | 2.150  |
|                          | max. top load                        | kg            | 13                                                  | 13    | 11    | 9      | 8                        | 7      | 5      |
|                          | weight                               | kg Cod. P / H | 18,6                                                | 20,4  | 22,2  | 23,9   | 25,6                     | 27,3   | 29,2   |
|                          | max. allowed wind speed*             | km / h        | 100                                                 | 80    | 130   | 110    | 90                       | 130    | 120    |
|                          | with max. surface 0,1 m <sup>2</sup> |               | guyed                                               |       |       |        |                          |        |        |
|                          | Ø top section                        |               | 38 mm                                               |       |       |        |                          |        |        |
|                          |                                      |               | 1 Level of guying rings                             |       |       |        | 2 Levels of guying rings |        |        |
|                          |                                      |               | Guy lines to be fitted to the second to top section |       |       |        |                          |        |        |

| Mod. MAXI PRIMO Ø 101 mm |                                      |               | 11 sections without internal cable                  |       |       |       |        |        |
|--------------------------|--------------------------------------|---------------|-----------------------------------------------------|-------|-------|-------|--------|--------|
| CM 51                    |                                      |               | 01                                                  | 02    | 03    | 04    | 05     | 06     |
| Code<br>P/H              | extended height                      | mm            | 4.958                                               | 6.495 | 8.035 | 9.475 | 10.995 | 12.455 |
|                          | retracted height                     | mm            | 983                                                 | 1.250 | 1.390 | 1.530 | 1.650  | 1.810  |
|                          | max. top load                        | kg            | 9                                                   | 8     | 8     | 7     | 6      | 6      |
|                          | weight                               | kg Cod. P / H | 14,9                                                | 18,8  | 20,4  | 22,2  | 22,9   | 25,6   |
|                          | max. allowed wind speed*             | km / h        | 130                                                 | 95    | 75    | 110   | 95     | 80     |
|                          | with max. surface 0,1 m <sup>2</sup> |               | guyed                                               |       |       |       |        |        |
|                          | Ø top section                        |               | 31 mm                                               |       |       |       |        |        |
|                          |                                      |               | 1 Level of guying rings                             |       |       |       |        |        |
|                          |                                      |               | Guy lines to be fitted to the second to top section |       |       |       |        |        |

⚠ On this leaflet you will find just a small selection of our mast models, please contact us for further information.

\*When erecting masts with guying ropes, take extreme care during the extension phase. Maximum allowed wind speed during extension is 20km/h

# Tripods for lightweight masts

The telescopic mast models STAR, ENTRY, SUPER ENTRY, PRIMO, SUPER PRIMO and MAXI PRIMO can be easily and quickly erected, on every type of ground when fitted with the patented Fireco Tripod.

The tripod is supplied with three adjustable feet which will correct differences in ground levels for up to 15°.

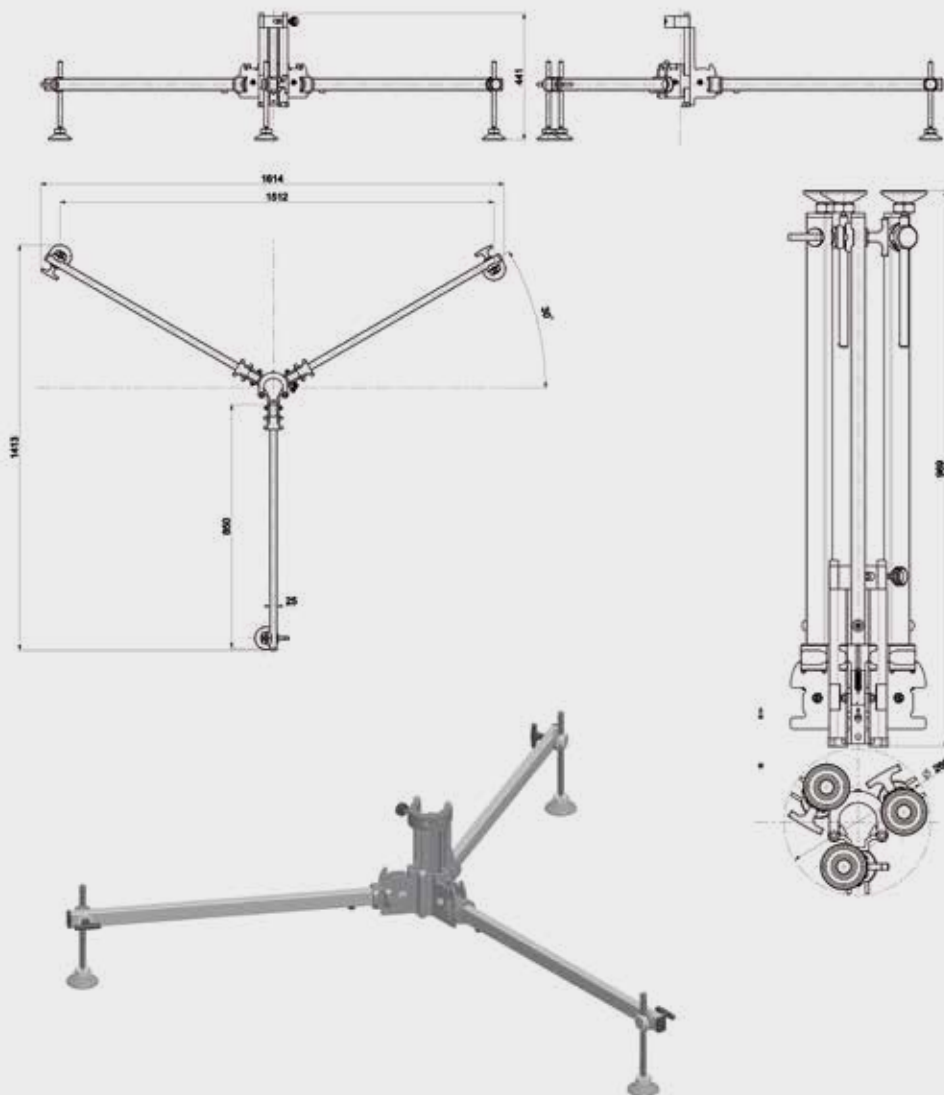
The tripod body is made of light anodized alloy providing a light weight and corrosion free solution.

It is compact when closed and can be easily transported or carried on vehicles.

Different transportation bags are available.



## TECHNICAL LAYOUT





## ACCESSORIES



UPPER FIXING BRACKET



ROUND ROOF BRACKET



BASE WITH JOINT



MAST CARRYING BAG



PICKET FOR ROPES

## AVAILABLE FLOODLIGHTS TYPES:

### 230V - IP65

- 400W Halogen
- 1000W Halogen
- 1500W Halogen
- 250W MH/HPS
- 400W MH/HPS
- 100W Firecoled
- 162,5W XLED
- 185W XLED

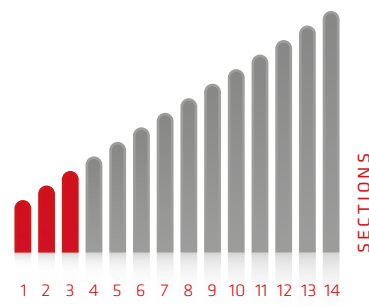
### 12V and 24V

- 42W Xenon
- 100W/150W Xenophot
- 70W MH/HPS
- 250W MH/HPS
- 40W / 50W / 90W LED
- 100W Firecoled
- 162,5W XLED
- 185W XLED

The telescopic mast **ZERO** is the smallest mast of the Partner family and has a diameter of 64mm. The extended heights go from 1.855m up to 5.651m. This mast model can be used for light top loads, like small lamp units, cameras, sensors etc.



APPLICATIONS



|        | Mod. ZERO Ø 64 mm        |        | 3 sections with internal cable |       |       |        |       |       |        |       |       |
|--------|--------------------------|--------|--------------------------------|-------|-------|--------|-------|-------|--------|-------|-------|
|        | CZ 33                    |        | 01                             | 02    | 03    | 04     | 05    | 06    | 07     | 08    | 09    |
| Code N | extended height          | mm     | 1.855                          | 2.251 | 2.740 | 3.151  | 3.651 | 4.125 | 4.635  | 5.145 | 5.651 |
|        | retracted height         | mm     | 939                            | 1.069 | 1.234 | 1.369  | 1.539 | 1.709 | 1.879  | 2.049 | 2.219 |
|        | weight                   | kg     | 6,4                            | 7     | 7,6   | 8,2    | 8,9   | 9,5   | 10,2   | 11    | 11,7  |
|        | internal spiralled cable |        | Standard 4x1,5 mm² Cod. B      |       |       |        |       |       |        |       |       |
|        | max. top load            | kg     | 20                             | 20    | 20    | 20     | 20    | 15    | 15     | 15    | 15    |
|        | max. allowed wind speed  | km / h | 160                            | 150   | 140   | 150    | 140   | 130   | 145    | 135   | 125   |
|        | with max. surface        |        | 0,3 m²                         |       |       | 0,2 m² |       |       | 0,1 m² |       |       |
|        | max. air pressure        |        | 2,5 kg / cm2 (bar)             |       |       |        |       |       |        |       |       |
|        | Ø top section            |        | 38 mm                          |       |       |        |       |       |        |       |       |

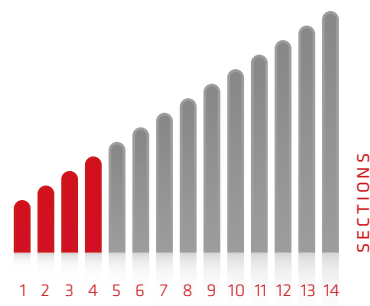


The telescopic mast **ULTRALIGHT** mast has a diameter of 77mm, the extended heights go from 2.253m up to 6.962m. This mast is more versatile than the Zero, thanks also to the larger ratio between extended and retracted height. It is also available with 4 sections.

The Ultralight can carry greater top loads than the Zero mast and can also be equipped with a tilt and turn unit.



APPLICATIONS



| Mod. ULTRALIGHT Ø 77 mm |                          | 3 sections with internal cable        |       |       |       |                    |       |       |                    |       |       |
|-------------------------|--------------------------|---------------------------------------|-------|-------|-------|--------------------|-------|-------|--------------------|-------|-------|
| CU 33                   |                          | 16                                    | 17    | 18    | 19    | 20                 | 21    | 22    | 23                 | 24    |       |
| Code N                  | extended height          | mm                                    | 2.253 | 2.700 | 3.126 | 3.617              | 4.117 | 4.595 | 5.117              | 5.599 | 6.067 |
|                         | retracted height         | mm                                    | 1.070 | 1.235 | 1.369 | 1.540              | 1.710 | 1.880 | 2.050              | 2.220 | 2.390 |
|                         | weight                   | kg                                    | 8,7   | 9,6   | 10,3  | 11,2               | 12,1  | 13    | 13,9               | 14,7  | 15,6  |
|                         | internal spiralled cable | Standard 4x1,5 mm <sup>2</sup> Cod. B |       |       |       |                    |       |       |                    |       |       |
| max. top load           |                          | kg                                    | 25    | 25    | 25    | 25                 | 25    | 22    | 20                 | 20    | 18    |
| max. allowed wind speed |                          | km / h                                | 150   | 140   | 130   | 145                | 135   | 125   | 160                | 150   | 140   |
| with max. surface       |                          | 0,5 m <sup>2</sup>                    |       |       |       | 0,3 m <sup>2</sup> |       |       | 0,1 m <sup>2</sup> |       |       |
| max. air pressure       |                          | 2,5 kg / cm <sup>2</sup> (bar)        |       |       |       |                    |       |       |                    |       |       |
| Ø top section           |                          | 51 mm                                 |       |       |       |                    |       |       |                    |       |       |

| Mod. ULTRALIGHT Ø 77 mm  |                  | 4 sections with internal cable        |                                |       |       |                    |       |       |                    |       |       |
|--------------------------|------------------|---------------------------------------|--------------------------------|-------|-------|--------------------|-------|-------|--------------------|-------|-------|
| CU 34                    |                  | 01                                    | 02                             | 03    | 04    | 05                 | 06    | 07    | 08                 | 09    |       |
| Code N                   | extended height  | mm                                    | 2.441                          | 2.944 | 3.424 | 3.932              | 4.597 | 5.274 | 5.873              | 6.422 | 6.962 |
|                          | retracted height | mm                                    | 1.001                          | 1.149 | 1.269 | 1.399              | 1.569 | 1.739 | 1.909              | 2.099 | 2.269 |
|                          | weight           | kg                                    | 9,4                            | 10,2  | 11    | 11,8               | 12,8  | 13,9  | 14,9               | 16    | 16,9  |
| internal spiralled cable |                  | Standard 4x1,5 mm <sup>2</sup> Cod. B |                                |       |       |                    |       |       |                    |       |       |
| max. top load            |                  | kg                                    | 20                             | 20    | 20    | 20                 | 16    | 16    | 13                 | 13    | 12    |
| max. allowed wind speed  |                  | km / h                                | 160                            | 150   | 140   | 150                | 135   | 120   | 130                | 115   | 105   |
| with max. surface        |                  |                                       | 0,3 m <sup>2</sup>             |       |       | 0,2 m <sup>2</sup> |       |       | 0,1 m <sup>2</sup> |       |       |
| max. air pressure        |                  |                                       | 2,5 kg / cm <sup>2</sup> (bar) |       |       |                    |       |       |                    |       |       |
| Ø top section            |                  |                                       | 38 mm                          |       |       |                    |       |       |                    |       |       |

On the Ultralight mast 3 sections you can also mount a small Tilt Unit or a Tilt & turn unit NOVA.

# Lights electrical movements

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## COMPACT TILT UNIT



The dimensions are compact **172 w. x 159 l. x 170mm h.**, the weight is of only **4 kg.**

Tilting angle of 310°, it can mount small lamp units like 4x500W Ha, 4x50W LED, 4xHella with compact mounting brackets (max. top load of 10kg – max. q.ty of floodlights 4).

It can be equipped with a simple remote control for tilting or with the complete multifunctional remote control (the electronic board will be mounted on the mast base).

## TILT & TURN UNIT NOVA 2 MOTORS



**TT.36151 = 12V**  
**TT.36152 = 24V**

Compact and easy to use, the maximum top load is 40kg.

Available 12V and 24V, suitable for the most common applications. It will be supplied with a set of quick connectors for each floodlight (to be ordered separately).

## TILT AND TURN UNIT NOVA WITH INDEPENDENT TILTING OF THE ARMS (3 MOTORS)



**TT.36161 = 12V**  
**TT.36162 = 24V**

The arms can be tilted independently for a wider illumination capacity. The maximum top load is 50kg.

Available 12V and 24V. It will be supplied with a set of quick connectors for each floodlight (to be ordered separately).

# Multifunctional remote controls with electronic board



The FIRECO multifunctional remote control permits you to control ALL the functions of the mast with just one remote control. The remote control is easy and safe to use, thanks to the automatic block of the keypad and easy to understand functions.

The mast with the multifunctional remote control is supplied with an electronic board and an electrovalves group.

## MAST WITH TILT AND TURN UNIT



### - RC.31746

Multifunctional remote control for mast extension/retraction, tilt & turn of the floodlights, on/off switching of floodlights, automatic restore – ergonomic, with protection cover and 4mt spiralled cable

Available also radio = RC.31747

Available also TOUCH SCREEN

Available also for Tilt & turn unit 3 motors = RC.31748

## MAST WITHOUT TILT AND TURN UNIT



### - RC.31742

Multifunctional remote control for mast extension/retraction, single on/off switching of 4 floodlights, automatic restore – ergonomic, with protection cover and 4mt spiralled cable

Available also radio = RC.31745

# Accessories

## MOUNTING BRACKETS



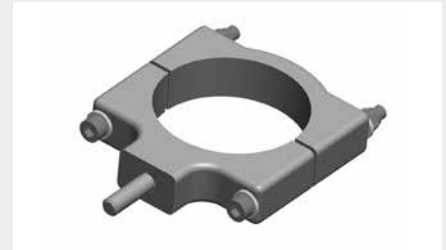
### ROUND ROOF BRACKET

BK.30002 = for mast  $\varnothing 66$  mm  
BK.30005 = for mast  $\varnothing 80$  mm  
BK.30009 = for mast  $\varnothing 101$  mm  
BK.30001 = for mast  $\varnothing 64$  mm  
BK.30003 = for mast  $\varnothing 77$  mm



### SQUARE ROOF BRACKET

BK.30052 = for mast  $\varnothing 66$  mm  
BK.30051 = for mast  $\varnothing 80$  mm  
BK.30059 = for mast  $\varnothing 101$  mm  
BK.30053 = for mast  $\varnothing 64$  mm  
BK.30054 = for mast  $\varnothing 77$  mm



### UPPER FIXING BRACKET

BK.30201 = for mast  $\varnothing 66$  mm  
BK.30205 = for mast  $\varnothing 80$  mm  
BK.30209 = for mast  $\varnothing 101$  mm

ONLY FOR LIGHTWEIGHT MAST



### LOWER FIXING BRACKET

BK.30101 = for mast  $\varnothing 66$  mm  
BK.30105 = for mast  $\varnothing 80$  mm  
BK.30109 = for mast  $\varnothing 101$  mm

ONLY FOR LIGHTWEIGHT MAST



### UPPER FIXING BRACKET

BK.30202 = for mast  $\varnothing 64$  mm  
BK.30203 = for mast  $\varnothing 77$  mm

ONLY FOR ZERO AND ULTRALIGHT



### LOWER FIXING BRACKET

BK.30102 = for mast  $\varnothing 77$  mm

ONLY FOR ZERO AND ULTRALIGHT

## AIR SUPPLY



### HAND PUMP

available also with discharge valve



### 50LT/1' 12 OR 24V

Can be equipped with a remote control

# Pneumatic Control Board



The pneumatic control board is designed for the mast extension and retraction and is required when you use the air from the vehicle's

air system, a compressed air cylinder or a compressor without pressure control.



PC.33213



PC.33211

Pneumatic control block with pressure regulator

PC.33212

Pneumatic control block with pressure regulator and spring

PC.33213

Pneumatic control block with pressure regulator and spring only for extension

PC.33221

Pneumatic control block pressure regulator and dry filter

PC.33222

Pneumatic control block with pressure regulator, dry filter and spring

PC.33223

Pneumatic control block with dry filter and spring for extension only

## GALLERY FOR Lightweight

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## ITALY

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### Fireco S.r.l.

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Fax: +39 030 3733762  
info@fireco.eu  
www.fireco.eu

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Fax: +1 559 277 579  
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www.fireco.be

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Fax: +603 51924279  
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www.euromast.fr

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