



THE ENABLER OF DISPERSED OPERATIONS



Conlog's dispersed operations concept deploys a mast of up to 35m in height to transfer vital information to any C2 post, safeguarding valuable personnel and top-tier technical assets.





Conlog MAST

Please note that the specifications listed are an illustration from an existing mast system but any solution will be configured according to customer need.

Transport dimensions mast

| | |
|--------|---------|
| Length | 7,6m |
| Width | 2,4m |
| Height | 0,6m |
| Mass | 2,500kg |

Transport dimensions including container

| | |
|--------|----------|
| Length | 7,6m |
| Width | 2,8m |
| Height | 2,5m |
| Mass | 10,000kg |

Other information

Delivery included integration of leveling system and support legs to the shelter structure.

Unguyed

| | |
|----------------------------|---------|
| Electrical system, main | 400 VAC |
| Electrical system, control | 24 VDC |
| Nominal hydraulic pressure | 220 Bar |

Operational dimensions from ground level

| | |
|--|------------------|
| Maximum operational height excluding boom | 25m |
| Maximum operational height including antenna | 28m |
| Support area, four support legs | 27m ² |

Performance

| | |
|---|-------------------|
| Inclination / bend | 2,5° |
| Rotation / twist | 1,25° |
| Maximum wind speed, full operational capability | 15m/s |
| Maximum wind speed, survival | 25m/s |
| Maximum wind speed, mast fully tilted, not erected | 32m/s |
| Maximum top load, depending configuration, maximum not calculated | up to 500kg |
| Wind load, antennas | 3,6m ² |
| Temperature range | +55 to -35 deg |
| Max allowed terrain slope (all directions) | 5° |
| Leveling accuracy | 0,3° |
| Time of deployment and undeployment | 10 min* |
| Time of leveling | 5 min* |
| Time of unleveling | 2 min* |
| Time of mast tilt and telescope | 5 min* |
| Speed of deployment may be increased with higher flow rate of hydraulic pump. Given times are tested with 25l/min pump. | |

*Incl. leveling