

HYBRID LINE

VT HYBRID

The first hybrid lighting tower in the world that guarantees a great reliability and perfect eco-sustainability. Mobile version.



VT-HYBRID



THE BATTERY PACK

The VT Hybrid provides more than 9 hours of continuous operation without carbon emissions, fuel consumption nor noise, due to the battery pack. The special dry batteries used are able to be recharged in less than 5 hours and have a 100% guaranteed charge / discharge cycle of more than 4000 cycles. The batteries can be charged from either external shore power or from the built-in backup generator.



BACKUP GENERATOR

If by chance the VT Hybrid utilizes all of the stored energy from the battery pack, the diesel generator will provide all the energy required for the operation of LED lamps. The control panel is able to automatically start and stop the generator in case based on need. This ensures continuous operation of the lighting tower. The generator, in addition to powering the LED lamps, simultaneously recharges the battery pack.

| Technical data | VT-HYBRID |
|-------------------------------|---|
| Lifting method | Hydraulic |
| Min. Dim. (cm) | 325 x 140 x 240 |
| Max. Dim. (cm) | 325 x 210 x 850 |
| Dry Weight (kg) | 1230 |
| Lamps Power | 4 x 150 W |
| Lamps Type | LED |
| Illuminated Area (5 lux min.) | 2500 sq.m |
| Lumen | 61000 |
| Mast Rotation | 340° |
| Battery Running Time (h) | 9 |
| Battery Charging Time (h) | 5 |
| Outlet Socket | 2,5 kVA - 230 V |
| Generator | 5 kVA - 230 V |
| Engine | Kohler KD350, diesel, air cooled, 1 cylinder, 3000 rpm |
| Tank Capacity (l) | 160 - Bunded tank |
| Running time (h) | 715 |
| Noise Level (Lwa) | 0 - 92 |
| Trailer | With straight tow-bar, braking systems and lights, EU homologation with docs for registration |
| Main options available | Different trailers, special colors, hot deep zinc coating, auto start/stop system with timer and sensor. For additional options, please consult the list at page 40 |