



**TECHNICAL SPECIFICATIONS (SYSTEM AND GENERAL)**

**Cone Type & Capacity**

- Standard one-piece traffic cones, 1000 mm height, 560 × 560 mm base. Cones not included!
- Weight approx. 7.6 kg / 16 lbs per cone
- Black base with white and red high-reflective striping film, according to applicable specifications
- Extra-thick and extra-heavy square base design
- Reinforced edges and reinforced corner rings, suitable for hydraulic clamp handling
- System can be adapted for locally used cones on request, if technically feasible

**Autocone Power Supply**

- Powered by truck chassis engine PTO
- Hydraulic pump for all cone handling and operating functions

**Autocone Finish & Colour**

- The standard colour is Yellow (RAL 1023). Other RAL colours available on request

**Patented Design**

- This design is protected by patents in the Netherlands (NL2021455), Europe (EP3608475), and the United States (US11,105,504)

**TECHNICAL SPECIFICATIONS (STRUCTURAL COMPONENTS)**

**Autocone Sub-Frame**

- High-resistance steel profiles and plates, welded construction
- Bolted to vehicle chassis with bolts and bars
- Supports cone storage, cone picking & placing units and guiding rails

**Autocone guiding rails**

- One set per side (left / right)
- High-resistance steel profiles and plates
- Mounted between axles, hydraulically extendable and retractable
- Specially designed and tested by Verdegro for reliable operation

## TECHNICAL SPECIFICATIONS (HANDLING & OPERATION)

### Autocone Storage Unit

- Barrel-type design, made of high-resistance steel profiles and aluminium plates
- Hydraulic motor driven spiral feeding system for horizontal cone rotation
- 8 columns, 50 cones per column, total capacity 400 cones
- Fully enclosed design to protect cones and moving components from dirt and weather

### Autocone Picking & Placing Chamber

- Mounted in front of cone storage, semi-closed structure with rain cover
- Drag and swipe system positioned in front of rotating barrel
- Left and right hydraulic lifting units

- Fully hydraulic operation: pull out, push back and transfer cones left or right
- Electronic and optical sensors for cone position detection

### Autocone Catching Clamps

- One set per side (left / right), mounted on lifting units
- Steel hinge plate construction
- Hydraulically operated cylinders for fast gripping and releasing of cones

### OPTIONAL:

The Autocone 2.0 system can be installed on a standard 18-ton truck chassis of any major brand, equipped with air suspension

