



TECHNICAL INFORMATION (STANDARD):

Black floorplate with white and red high reflecting strip film or according to specs required with this type of cone, 1000mm in height and 560mm*560 mm on basement. Those cones are one piece design, with square type extra thicker and extra heavier basement, weighs about 7,6 kg PER / 16 lbs PER. Four corners of the cone basement with have strengthen edge and strengthen circle which is suitable for operating by the hydraulic clamps which also ensures the strength of the cones in different weather conditions. Capacity 400 cones in total. On request Auto Cone 2.0 system can be modified to use to local used cones if technically possible;

- Driven by power source: truck chassis engine PTO; drives hydraulic pump to power the operating devices
- Color: yellow (RAL 1023) or any standard RAL requested
- Cones not included

TECHNICAL INFORMATION (COMPONENTS):

SUB-FRAME

Welding by high-resistance steel profiles and plates, coupled to the vehicle chassis by means of bolts and bars. The cone storage rotating compartment, the automatic cone picking& placing devices and the guide rails shall be installed onto the subframe.

CONE STORAGE

Made of high-resistance steel profiles and Aluminum plates. This barrel type design storage compartment shall be attached to the sub-frame. The hydraulic motor driven cone feeding devices which rotate the cones horizontally by means of spiral.

The barrel design cone storage compartment, 8 columns in total, 50 cones on each column, 400 cones in total. The fully closed

OPTIONAL:
TRUCK CHASSIS
 Autocone 2.0 can be installed on standard 18T Truck chassis of any brand requested with air suspension

cone storage compartment which ensures the cleaned and functional of cones and all moving components. The Barrel design cone storage compartment, 8 columns in total, 50 cones on each column, 400 cones in total. The fully closed cone storage compartment which ensures the cleaned and functional of cones and all moving components.

CONE PICKING & PLACING CHAMBER

Cone picking & placing chamber is installed in front of the storage, semi-closed structure with overhead rain cover. The drag and swipe system are mounted in front of the rotating barrel compartment, on each side a lift is mounted (left / right).

Fully hydraulic operated cone picking and placing can work independent realizing various actions, including Pull out or push back a row of the cone each time; move the cones left or right side horizontally to lift on each side. Cones in position are indicated via electronic and optical sensors.

CONE CATCHING CLAMP

One set on each side is a lift; left / right, installed on the lift, two pieces steel plate hinge structure type. The clamps are operated by means of hydraulic cylinders which can catching or release the cones quickly.

GUIDING RAILS

One set on each side; left / right, made of high-resistance steel profiles and plates, located within the axles, extended or retracted by hydraulics. Guiding rails were specially designed and tested by Verdegro to ensure the reliably operating.

