ST – IP 65 SERIES OF AIRTIGHT BOX CABINETS

The new "ST" series of cabinets includes a vast assortment of airtight cabinets that are particularly suitable for civil and industrial uses. The new cabinets, now equipped with new invisible internal hinges that allow assembly of the door on either the right or left side and new, larger cable inputs, are made of press-bent and welded sheet steel, with a triple angle raceway to ensure airtightness with the door (equip-ped with a gasket). Internal and external painting is performed with RAL 7035 light grey epoxy-polyester powders and the internal equipment support plate is galvanised. The electro mechanical plate is assembled in the rear part and attached to four robust electro welded screws on the bottom.

Fig. 101.1

COMPONENTS OF THE BASIC CABINET:

. The bearing structure is made of press-bent sheet steel sections, completely welded to create a single piece or "mono-block" with shoulders of the same width as the two side panels;
. The width of the cable input on the lower part is adaptable to the width of the cabinet;
. The internal equipment support plate in 20/10 thick galvanised sheet steel, is bent to reinforce the entire perimeter;
. The hinged front door with a 120° aperture (which may be increased to 180° on request) is reversible and equipped with a gasket around the perimeter, which adapts perfectly to the structure;
. Closure with one or two boxes, according to the size (any other box available on request);
. Copper-plated M6 screws are used for the earth connection and are applied on the entire structure and the doors, thereby guaranteeing electrical continuity throughout the structure.

The following optional variants for other configurations of the basic "ST" Series cabinets are available:
"STB" – Blind external door/or perforated (on request);
"STV" – Blind and/or perforated internal door (on request) and transparent external door;
"STM" – Blind and/or perforated internal modular panels and transparent external door;