



VENTSPILS BRĪVOSTAS PĀRVALDE

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2010.gada 15.decembrī, Nr. 3-7.1/1467
Ventspilī

Personu grupai
SIA „LVCT” un SIA „Hidrosfera”

Par Ventspils brīvostas piestātnes Nr.12
būvprojekta izstrādi

Pēc sanāksmes, kas notika 2010.gada 14.decembrī Ventspils brīvostas pārvaldē, Ventspils brīvostas pārvalde vēlreiz izvērtējusi piestātnei piegulošās teritorijas attīstības iespējas un virzienus un secinājusi, ka tehniski pamatoti būtu, ja piestātnes tehniskais risinājums paredzētu iespēju nākotnē nepieciešamības gadījumā izveidot pie piestātnes 14,5 metru dziļumu. Ņemot vērā iepriekš minēto lūdzam būvprojektā paredzēt atbilstošu piestātnes tehnisko risinājumu. Būvprojektā paredzētā pienākošā kanāla un piestātnes akvatorijas padziļināšanas darbu apjomi paliek iepriekšējie, tas ir kanāla dziļums 12,5 metri.

Ar šo tiek saskaņots hidrotehniskās daļas projektētāju piedāvātais risinājums piestātnes rampas izbūvei – iepriekš piedāvātais rampas tehniskais risinājums ar metāla rampas daļu hidrauliskās rampas vietā, kas nākotnē ļauj arī izbūvēt hidraulisko rampu. Tāpat saskaņojam piedāvāto elektropieslēgumu vietu risinājumu – 50 Hz Ground Power Combibox, CB300 Series (skatīt pielikumā).

Atbildi uz jautājumu par nepieciešamību paredzēt dzelzceļa sastāvu manevrēšanas iespēju piestātnes būvniecības zonā būvdarbu izpildes laikā, sniegsim pēc atbildes saņemšanas no AS „Ventspils tirdzniecības osta”.

Pielikumā: Piestātnes elektropieslēguma vietu risinājums (uz 2 lapām).

Ar cieņu

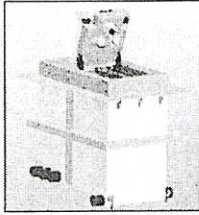
Pārvaldnieka vietnieks

A.Mazalis

63602320

50 Hz Ground Power Combibox, CB300 Series

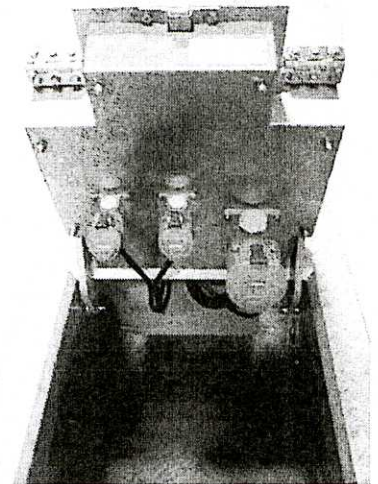
General Description



The Combibox Systems pits are in service throughout the world where we have gained a long experience, both on airport aprons and in maintenance hangars. We provide an industrial product, assembled and tested in factory before shipping to ensure its trouble free functioning after installation.

The main characteristics are:

- 1 A monobloc welded structure, made of 6mm steel for the walls, 10mm for the angles and stiffeners, and 20mm thick for the cover, the whole being hot dip galvanized to $\geq 100\mu\text{m}$ thickness.
- 2 A self supporting structure distributing vertical loads eliminating the need for re-bars in the surrounding concrete. The pit is installed on a lean concrete slab poured in the bottom of the opening, adjusted and levelled by means of its own levelling bolts, and requires only conventional backfilling.
- 3 A wide flange all around the top part of the body, and a belt participate in distributing the vertical loads and minimize the puncturing effect on the bottom slab.
- 4 Resistance to a test load of 100MT, 100 000 daN, concentrated on two footprints of 360x360mm, located on the center of the hatch.
- 5 Provided with coupling sleeves, 110mm OD, for connection of cable conduits, lateral connections standard with three sleeves each side. Additional sleeves or other connection type on request.
- 6 Provided with two coupling sleeves, 110mm OD, in the lowest point for gravity drainage, lateral connection with one sleeve on each side.
- 7 A grating, hot dip galvanized, installed above the bottom of the pit with large storage capacity, to prevent equipment from resting in dirt.
- 8 A top cover assembly, fixed part and hatch, made out of one high strength steel plate, 20 mm thick and chequered for anti slip.
The hatch, cut with high pressure water jet, has a 45° chamfer to close intimately with the fixed part. It also prevents cutting cables should the hatch be slammed without precaution.
- 9 A small flap in the corner of the hatch enables closing the cover while the pit is in operation, removing any obstacle but the cable itself.
- 10 The hatch is equipped with heavy duty gas springs, enabling an effortless opening, and closes automatically thanks to the lock mechanism. Usable with a gloved hand.
- 11 At opening of the hatch, the cable is readily accessible and the control push buttons and power outlets are on the highest point of the hatch inside face.



Technical Specifications

50Hz Ground Power Pit – CB300 Series

General Characteristics

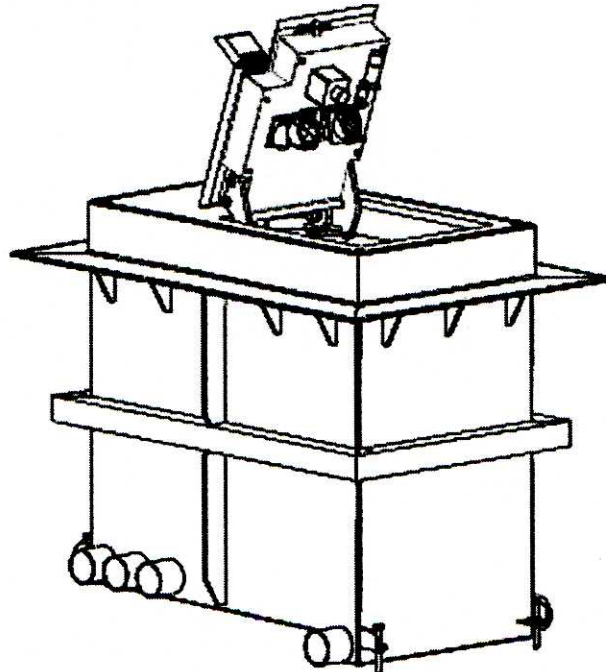
- Cover: L x W: 700 x 1200mm
- Box Depth: 1300mm
- Hatch: LxW: 500x600mm
- Weight: 700kg
- Lid Load Tolerance: 100tons, Max 1000kN vertical
- IP class : ≥ 55 for internal electrical components
- Operating temperature: 80°C to -50°C(with heating element)

Material

- Box Shell: 6mm Steel
- Cover: 20mm Tear Plate Steel

Surface Treatment

- Anticorrosion: Hot dipped Galvanisation 100-150µm
- Friction Antislip Surface: Cover and Hatch



Standard Components

- Lid Lock unit and handle
- Mantle in Stainless steel, SUS304
- Hatch Limit Switch
- Cable Flap Assembly
- Junction (Terminal) Box, IP55
- Gassprings: 1300N
- Cable Ducts Inlets/Outlets:Ø110mm
- Drainage Ducts
- Earthing rod
- Levelling bolts, 4pcs

Standard Available Options

- Eex proof, (ATEX95,EN50014)
- Ice Protected handle
- 50Hz Power outlets (10A to 600A), see table below for sizing
- Grounding Cable with reel
- Water alert sensors
- Emergency Stop
- Data/ Tele com. outlets
- Double Cable Flaps
- Heating (for de-icing)
- Counterweight hatch opening
- Safety Plate (Covering pit opening when hatch opened)
- Drainage pump system incl. piping
- Extra Watertight hatch
- Customized box depth 0,8m-2m
- Interior Lighting, Eex proof
- External Alert Light on hatch open
- Cable Retraction Sensors

Available Outlets for 50Hz:

Type:	Ampere:
1 Phase, 230 V	10 A
1 Phase, 230 V	16 A
3 Phase, 230 V	16 A
3 Phase, 400 V	32 A
3 Phase, 400 V	63 A
3 Phase, 400 V	125 A
3 Phase, 400 V	250 A