

Flex pit

FLEX-PIT (HATCH AND POP OUT) ENABLES AIRCRAFT TO BE CONNECTED TO THE 400 HZ POWER SUPPLY AND ALL OTHER UTILITIES IN THE MAINTENANCE HANGARS.

The "Pop Out" system simplifies access to cables and sockets by presenting them 50 cm above ground.

Once all cables are connected, the Hatch pit can work in closed position.

The manhole, behind the hatch, makes any maintenance fast and without effort.



ADVANTAGES:

- Pit can work in closed position
- Connectors and sockets presented at hand level
- Hatch frame to be sealed in the concrete and lined frame are independent of each other:
- Simplifies installation (sealing of the frame before assembly on site)
- Simplifies the maintenance (easy extraction of the elements)
- Fall prevention ensured by the Pop-Out system in upper position,
- Load resistance: according to EN 124 class F900 (90 T)

EQUIPMENT TO BE FITTED IN THE PIT:

- 400 Hz aircraft cable with aircraft connector
- 28 V DC aircraft cable with aircraft connector
- Aircraft earthing winder
- RJ45 data transfer cables and connectors
- Compressed air
- Electrical box with one or more 50/60 Hz connectors:
 - Single- or three-phase
 - Up to 250 A, three-phase per connector
- Additional equipment upon request



CONNECTING THE AIRCRAFT
ON THE GROUND

Flex pit

CHARACTERISTICS AND OPTIONS

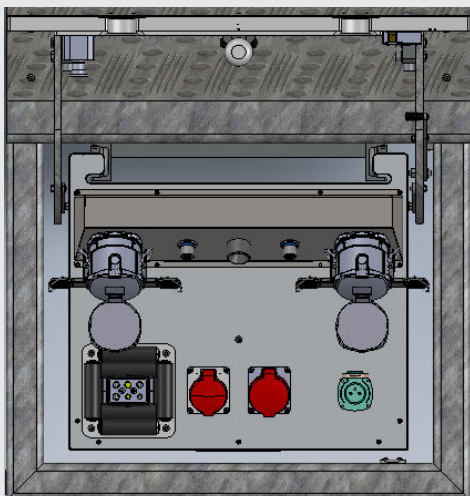
- Dimensions on the ground: 1810 x 990 mm
- Maximum total weight: 1200 kg
- Materials: Structure hot dip galvanized iron, components stainless steel and aluminum, anti-skid plates aluminum
- Opening assisted by counterweights
- Size of the connectors holding plate: 720 x 570 mm
- Aircraft cable divider (for multiple aircraft connections)

Options:

- Sump pump in the pit
- Emergency shut off
- On/Off remote control box for the 400 Hz power supply
- Switch for working in closed position only
- Manhole, ladder and inner lighting
- Flashing lamp in open position
- Explosion proof components



We customize your Flex pit according to your needs



FLEX-PIT WITH POP OUT SYSTEM CONTAINING:

- One 400 Hz cable with aircraft connector
- One earthing cable reel with jack STANAG 3207
- One 28 Vdc 16A connector
- Two compressed air connectors
- Two 150 A 50 Hz 400V-3P+N+E sockets
- One 32 A 50 Hz 400 V-3P+N+E socket
- One 32 A 50 Hz 240 V-1P+N+E socket
- One emergency shut off
- One flashing lamp