

# Dynamic Airflow Military System DAMIS-400-16

## General description :

The Nova Swiss® high pressure filling bench DAMIS-400-16 is designed to pressurize 16 (12+4) capacities up to 400 bar in the same time, in less than 30 minutes.

## Application :

Launching systems based on pneumatic ejection.

## Technical data :

- Fluid : pure gases (nitrogen, argon, etc.)
- Pressure : up to 400 bar
- Pressure supply : 50 to 350 bar
- Power supply : 230V 50/60 Hz (P = 4 kW)
- Nova Swiss® diaphragm compressor (MK type)
- Filters and dry boxes equipped / protected by safety valves
- Transportable by plane, boat, train or truck
- Flexibles hoses rolled in the covers (x12)

## Environment conditions of use :

- Operating temperature : -32 to +50 C
- Operating altitude : 0 to 2000 m
- Operating humidity : up to 93%

## Qualifications :

- EC directives compliant (PED, EMC and LVD)
- IP67 (storage) and IP55 (functional) approved
- GAM EGI3 qualified

## Tests and provided documentation :

- Hydraulic, leakage (N<sub>2</sub>), and functional tests
- Technical instructions and compliancy certificates



**HP filling bench DAMIS-400-16**  
nitrogen / 400 bar / 12+4 HP lines



12 flexible hoses included in covers



Forks locations



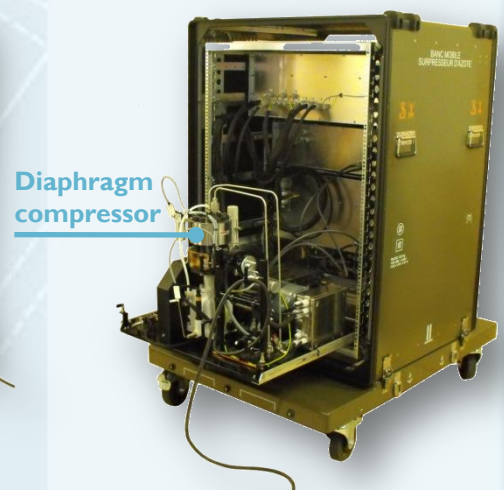
Anti-vibrations system



Pneumatic racks



Bottles filling



Diaphragm compressor