

STBC FERNO

BIO-CONTAINMENT TRANSPORT SYSTEM

STBC is designed to transport patients infected with contagious class III pathogens (SARS-COVID virus).



QUICK INSTALLATION

It can be installed on any FERNO stretcher, with STBC the patient never leaves the protection chamber, thanks to the ITC® locking systems.

No modifications are needed to your stretcher.



QUICK OPENING

The side zip opening facilitates rescue operations, allowing for quick positioning of the patient with extreme simplicity.



10G TESTED

The STBC frame locking system complies with standard EN 1789:2020 and has been subjected to 10G crash test. Patient and rescuers can travel safely.



PHTHALATE-FREE PLASTIC

All STBC plastic components are phthalate-free and safe.



QUICK ACCESS PORTS

STBC is designed to provide comfort and relief to patients with dyspnea: 8 ports allow performing any operation while transporting the patient.



SEMI-SITTING POSITION

The reclining backrest allowing for semi-sitting position is a useful support for the patient's respiratory functions.



HEPA FILTERS

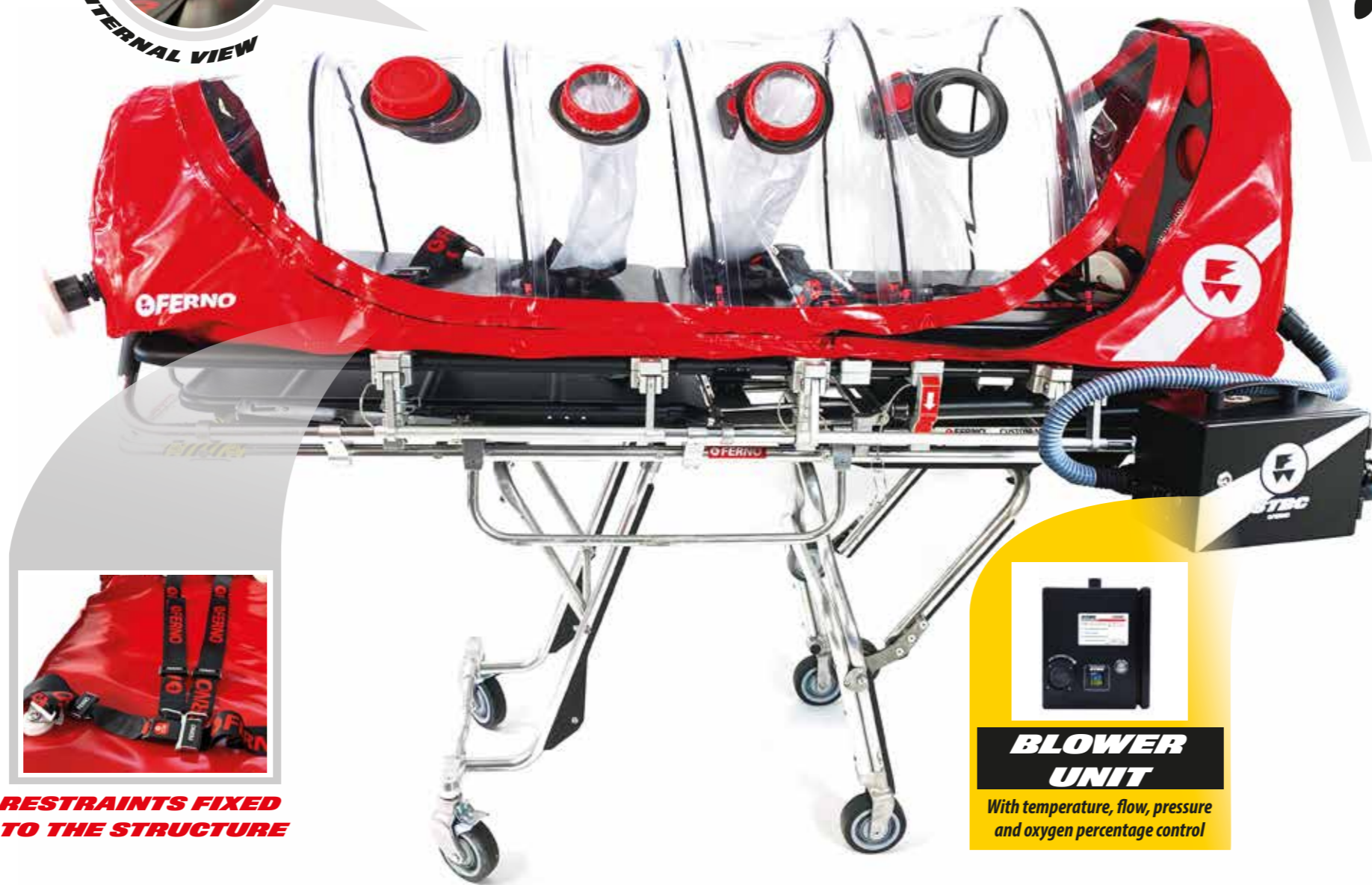
Easily available low-cost HEPA filters.



INTERNAL VIEW



WATERPROOF CABLE GLAND FOR MONITOR



RESTRAINTS FIXED TO THE STRUCTURE



BLOWER UNIT

With temperature, flow, pressure and oxygen percentage control

System easy to remove and handle in case of emergency

COMPLIES WITH THE STRETCHER BED DIMENSIONS



CERTIFICATIONS

BLOWER UNIT: EN 60601-1-2: 20145 (EMC) LITTER: EN 1789: 2020 (10G) CHAMBER: ISO 10993-1: 2020 (BIOCOMPATIBILITY)
EN 60601-1: 2006/A2:2021 (ELECTRICAL SAFETY) EN 62366-1:2015 (USABILITY)

SEMI-SITTING POSITION

The patient never leaves the protection chamber

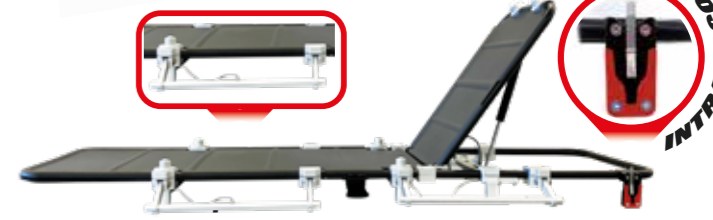
HIGH VISIBILITY

COMFORT

With respiratory support during transport



CARRYING HANDLES



The lower interface can be used as a removable litter compatible with Ferno stretchers.



STBC INCLUDES:

- No. 6 Dräger A2B2 P3 R 99.9% filters (CE0158)
- No. 2 Integra 100 gloves (CE0197)
- No. 1 PVC chamber
- No. 1 Blower unit
- No. 1 80-264V auxiliary power supply unit
- No. 1 Set of 4-point restraints
- No. 2 Connection hoses
- No. 2 Rechargeable batteries: 2 x 28V
- No. 1 230V Battery charger
- No. 1 Litter

COMPATIBLE WITH ALL STRETCHERS BY FERNO





STBC FERNO

Technical Specifications

Length	1900 mm - 74,8 in
Width	600 mm - 23,6 in
Height	620 mm - 24,4 in
Max. height with raised backrest	900 mm - 35,4 in
Maximum capacity	180 kg - 396 lbs
Weight of full structure	35 kg - 77 lbs
Chamber storage enclosure size	700 x 650 x 260 mm - 27,5 x 25,5 x 10,2 in
Noise inside the chamber	< 80 dB
Power supply (batteries or mains)	Power supply (batteries or mains) 28 v / 5 Ah Battery or 110/220 V
Battery run time	4 hours with negative pressure at 20 Pa*
Blower air flow	16 m ³ /h
Ventilation rate	> 20 air changes per hour
Protection chamber volume	0,72 m ³
Filters	99.9% Filtration efficiency EN 143: 2007 - EU 2016/425
Certifications	<p>CE certifications According to Regulation 2017/745 as class I medical device</p> <p>Blower unit: EN 60601-1-2: 20145 (EMC) Litter: EN 1789: 2020 (10G) Chamber: ISO 10993-1: 2020 (BIOCOMPATIBILITY) EN 60601-1: 2006/A2:2021 (electrical safety) EN 62366-1:2015 (USABILITY)</p>

* ALTERNATIVE POWER SUPPLY OPTION



Sede Legale e Uffici Commerciali
Via B. Zallone n. 26
40066 Pieve di Cento [Bo] | Italy
P +39 051 6860028 | F +39 051 6861508
info@ferno.it



STBC

BIO-CONTAINMENT TRANSPORT SYSTEM

