

Technical Manual



www.emme-italia.com

Via del Molino, 40 - 52010 Corsalone (AR) - Italy - info@emme-italia.com - Tel. +39.0575.511320
P.IVA/ C.F. 11208251006 - R.E.A. AR-159122

12509-2 : Wheeled Fire Extinguisher, 50 Kg D Powder



Note: image is for illustrative purpose only, the product purchased can has some difference

- **CYLINDER**
In high-strength alloy steel, external powder painting Red Ral 3000.
- **EXTINGUISHING AGENT**
D powder .
- **PROPELLANT**
Dehumidified air or nitrogen (N₂).
- **VALVE**
2"-F , brass body, lever with red painting Ral 3000.
- **USE**
D fire rating
(fires arising from metals).
- **BRACKET**
Chassis on wheels, welded at the cylinder, red painting Ral 3000.

REPRODUCTION IS PROHIBITED

50 Kg powder wheeled fire extinguisher, temperature range from -30°C to +60°C, manufactured in accordance to **UNI EN 1866-1**, certified according to the directive for pressure equipment PED 2014/68/EU.
Quality Product certification guaranteed by Bureau Veritas Italia.
Suitable for use on fire involving electrical voltages up to 1'000 V, at a minimum distance of 1 m.

APPROVED/CERTIFIED FIRE EXTINGUISHER:



**FIRE
RATING :**



File name	Type of document	Fire Extinguisher Model	Date	Rele.	Check	Rev.	Pag.
12509-2_ technical manual	technical manual	12509-2	27/05/2025	S.R		3	1/3

12509-2 : Wheeled Fire Extinguisher, 50 Kg D Powder

- **INSTALLATION** The installation must be carried out in accordance with the provisions in force in the country where the device is used. The commissioning and maintenance activities for maintaining efficiency must be carried out in accordance with the document **CPP_I_ENG** by qualified
- **USE**
- **MAINTENANCE** technical personnel and in compliance with the regulations in force in the country of use.

Any tampering or intervention carried out by unqualified personnel will void the product warranty.

It is recommended to place the device in a dry place protected from atmospheric agents.

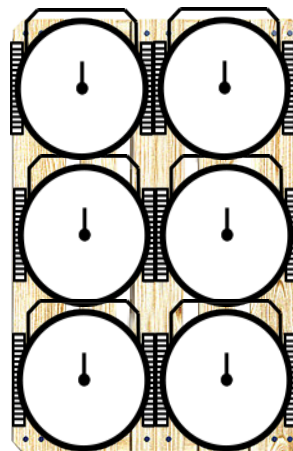
TECHNICAL SPECIFICATIONS

FIRE RATING	D
EXTINGUISHING AGENT	D powder
PROPELLANT	Dehumidified air or Nitrogen (N ₂), 15 Bar at 20°C
TEMPERATURE RANGE	-30°C / +60°C
NOMINAL CHARGE	50 Kg
FULL WEIGHT	~ 79 Kg
DIMENSIONS	Height 1100 +/- 10 mm; Width 490 +/- 10 mm Depth 500 +/- 15 mm
DISCHARGE TIME	~ 50 seconds
CYLINDER PRESSURE TEST	PT 30 bar
CYLINDER VOLUME	62 L
SAFETY DEVICE	Set between 21 and 26 bar
CYLINDER MATERIAL	Alloy steel
TREATMENT	Outside : Sandblast and powder painting Ral 3000

PACKAGING

(Note: quantities and measurements are indicative and can be subject at changes)

STANDARD
Maximum nr. 6 pieces for pallet
Pallet dimensions 100x120x135(h) cm



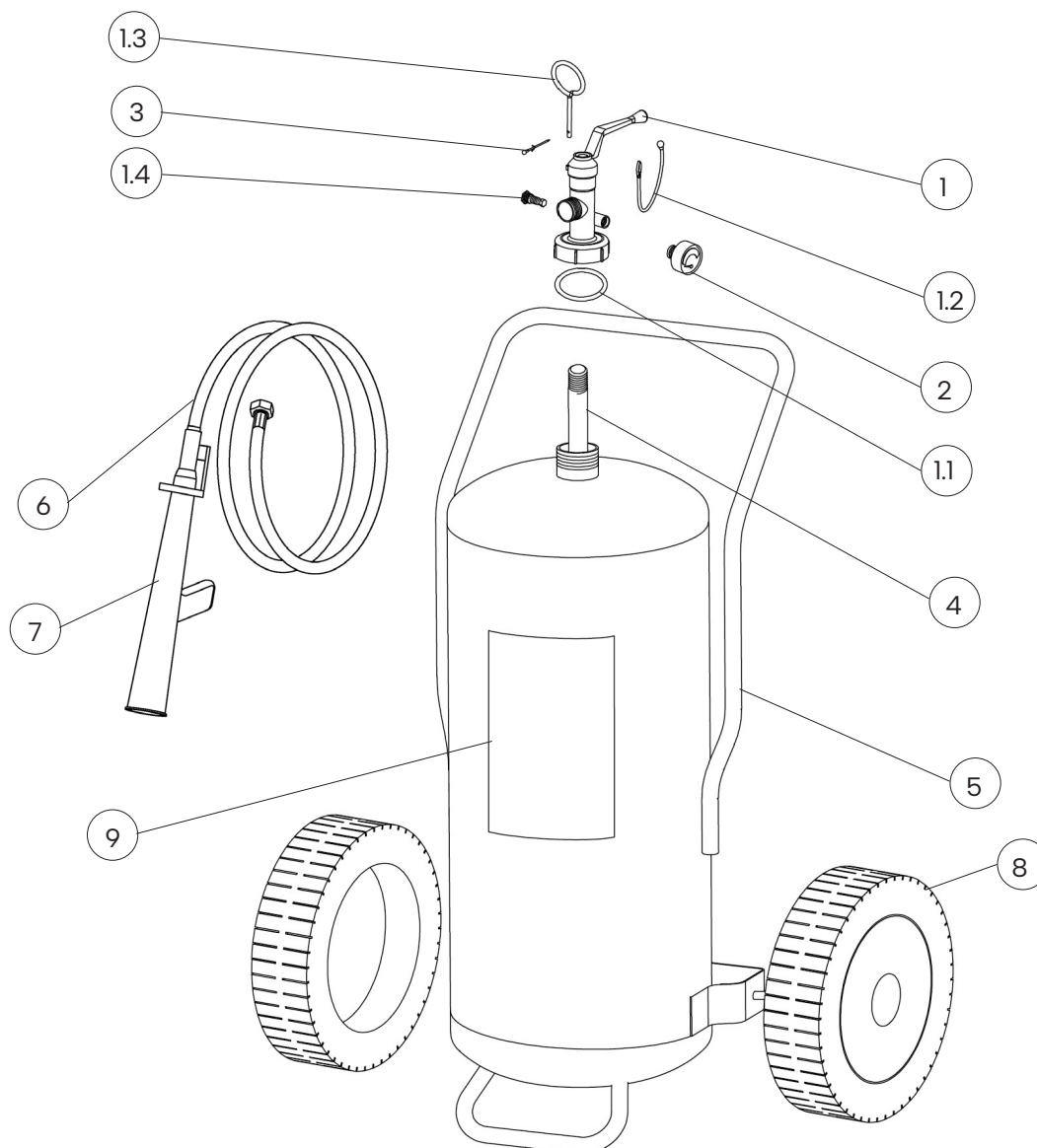
TRANSPORT DISPOSAL

Land transport : Exemption for the purposes of ADR disposal 594
Ship Transport : IMDG Code – UN 1044 class 2.2 Fire Extinguishers

File name	Type of document	Fire Extinguisher Model	Date	Rele.	Check	Rev.	Pag.
12509-2_ technical manual	technical manual	12509-2	27/05/2025	S.R		3	2/3

12509-2 : Wheeled Fire Extinguisher, 50 Kg D Powder

COMPONENTS AND SPARE PARTS LIST



NUM.	DESCRIPTION	CODE
1	Valve type lever, 2''-F	0214R
1.1	O-ring valve	0203
1.2	Rubber link	0286
1.3	Safety pin	0283R
1.4	Safety device	0263R
2	Pressure gauge	0271-1
3	Safety pin seal	0285
4	PVC dip tube	0162
5	Cylinder	18309

NUM.	DESCRIPTION	CODE
6	Hose	18421
7	Dispensing nozzle (complete of ball valve with control lever)	2181
8	Wheel + stopwheel (diam. 300mm)	0124
9	Label	0072-1

The spare part at number 1 includes already all others components from 1.1 to 1.4

File name	Type of document	Fire Extinguisher Model	Date	Rele.	Check	Rev.	Pag.
12509-2_ technical manual	technical manual	12509-2	27/05/2025	S.R		3	3/3