STORAGE OF FLAMMABLE PRODUCTS

SMART LINE

AC 1200 S   AC 600 S

TUV SUD **TYPE 90**

EN 14470-1
EN 16121
EN 16122

• LIGHTER
• MORE ROOMY
• OPENING WITH NO EXTERNAL HINGES
• INTERNAL IGNIS-LOCK®

- Completely produced in pickled steel, 10/10 mm thickness, painted with epoxy acid-proof powders. Thickness of painting from a minimum of 60µm (micron) to a maximum of 250µm (micron).
- External monolithic construction, internal body resistant to corrosive products
- Innovative fire-proof insulation made of highly fire resistant material, completely ecological.
- Double, inflatable and anti-dust trimmings, and with protection against "cold and hot fumes".
- Door's closure with thermic device at 50° C. Not electric.
- Mechanical certified safety valves with automatic closure at 70 ± 10° C.
- Tray-shaped shelves adjustable in height by racks, and bottom basin, all made of electrogalvanized steel painted with epoxy acid-proof powders.
- Key lock with extractable cylinder (on demand "passe-partout kit" master key in case of lost keys)
- Internal patented safety catch Ignis-lock®.
- "Product and public liability insurance" valid for all lifelong of the cabinet.

Product Code	External dimensions LxDxH	Type	Weight	Capacity liters	No. of bottles for each shelf	Shelves	Door locking system	Palletized and certified base
AC 1200 S	1200x640x1950 mm	90	380 kg	160 lt	21x2,5 lt	3	Yes	Yes
AC 900 S	900x640x1950 mm	90	305 kg	113 lt	15x2,5 lt	3	Yes	Yes
AC 600 S	680x640x1950 mm	90	252 kg	100 lt	10x2,5 lt	3	Yes	Yes
AC 1200/130 S	1200x640x1325 mm	90	290 kg	120 lt	40x1 lt	3	Yes	Yes
AC 900/130 S	900x640x1325 mm	90	218 kg	96 lt	32x1 lt	3	Yes	Yes

CM LINE CME LINE T30 LINE

AC 1200 CM   AC 600 CM

TUV SUD **TYPE 90**   **TUV SUD** **TYPE 30**

EN 14470-1
EN 16121
EN 16122

- Completely produced in pickled steel, 10/10 mm thickness, painted with epoxy acid-proof powders. Thickness of painting from a minimum of 60µm (micron) to a maximum of 250µm (micron).
- External monolithic construction, internal body resistant to corrosive products
- Innovative fire-proof insulation made of highly fire resistant material, completely ecological.
- Double, inflatable and anti-dust trimmings, and with protection against "cold and hot fumes".
- Door's closure with thermic device at 50° C. Not electric.
- Mechanical certified safety valves with automatic closure at 70 ± 10° C.
- Tray-shaped shelves adjustable in height by racks (depending on the model), and bottom basin, all made of electrogalvanized steel painted with epoxy acid-proof powders.
- Key lock with extractable cylinder (on demand "passe-partout kit" master key in case of lost keys)
- Patented safety catch Ignis-lock®.
- "Product and public liability insurance" valid for all lifelong of the cabinet.

Product Code	External dimensions LxDxH	Type	Weight	Capacity liters	No. of bottles for each shelf	Shelves	Door locking system	Palletized and certified base
AC 1200 CM	1180x640x1950 mm	90	490 kg	160 lt	21x2,5 lt	3	Yes	Yes
AC 600 CM	680x640x1950 mm	90	350 kg	100 lt	9x2,5 lt	3	Yes	Yes
AC 1200 T30	1180x640x1950 mm	30	415 kg	160 lt	21x2,5 lt	3	Yes	Yes
AC 600 T30	680x640x1950 mm	30	350 kg	100 lt	9x2,5 lt	3	Yes	Yes
AC 1200 CM E	1180x640x1950 mm	90	490 kg	160 lt	21x2,5 lt	3	No	Yes
AC 600 CM E	680x640x1950 mm	90	350 kg	100 lt	9x2,5 lt	3	No	Yes
AC 600/50 CM	595x510x600 mm	90	100 kg	15 lt	6x2,5 lt	1	Yes	-
AC 600/50 CMD	595x510x600 mm	90	110 kg	15 lt	6x2,5 lt	1 drawer	-	-
AC 900/50 CM	895x510x600 mm	90	145 kg	25 lt	10x2,5 lt	1	Yes	-
AC 900/50 CMD	895x510x600 mm	90	146 kg	20 lt	8x2,5 lt	1 drawer	-	-
AC 1200/50 CM	1100x510x600 mm	90	170 kg	30 lt	12x2,5 lt	1	Yes	-
AC 1200/50 CMD	1100x510x600 mm	90	170 kg	30 lt	12x2,5 lt	1 drawer	-	-
AC 1200/50 CMDD	1100x510x600 mm	90	170 kg	30 lt	6x2,5 lt	2 drawers	-	-
MINIBOX	400x400x445 mm	30	35 kg	10 lt	4x2,5 lt	1	-	-

(*) Not provided on cabinets with drawer.

SAFETYBOX® FLAMMABLES

Accessories

	PRODUCT	FLAMMABLES	CHEMICALS	KEMFIRE	COMPRESSED GAS
1	KIT05 – CERTIFIED DEVICE TO POUR LIQUIDS	●			●
2	UNICUM ASPIRATOR AND FILTER	●			●
3	EXHAUST FUMES CONVEYOR	●		●	
4	ANTI-SPARK OR ATEX ASPIRATORS	●		●	●
5	INTERNAL FILTRATION SYSTEM KIT F	●		●	
6	CUBETTO® CONTROLLED COOLING UNIT	●			
7	ECOBOX® PVC OR INOX CONTAINER FOR POLLUTING LIQUIDS	●	●		
8	ADDITIONAL SHELVES IN STAINLESS STEEL	●	●	●	
9	ADDITIONAL SHELVES IN POLYPROPYLENE		●		
10	EASY-GOING® ROLLER SYSTEM FOR SHORT MOVING	●			
11	EASY ROLLER® ROLLING SYSTEM	●			
12	ACTIVATED CHARCOAL FILTER		●	●	
13	KIT01 FAN AND FILTER FOR CABINETS		●	●	
14	PASSE-PARTOUT IN CASE OF LOST KEYS	●	●	●	
15	ANTIMICROBIAL PAINT		●		
16	E-FLOW® ASPIRATION SYSTEM		●		
17	PARTITION WALL KIT		●		
18	CONTAINER FOR SMALL GAS CYLINDERS				●

ensuring your safety

LSS LABOR SECURITY SYSTEM

February 2016

LABOR SECURITY SYSTEM

LSS LABOR SECURITY SYSTEM

Labor Security System is leading company in the planning and production of safety cabinets SAFETYBOX® for the storage of flammable products, compressed gas cylinders, acids and bases, as well as charcoal filters CARBOX®.
Pioneering, innovation and constant attention to customer's needs are the features that distinguish the company for over 25 years.

SINCE 1993

MISSION

We guarantee the highest standards of quality for customers with a reliable and CERTIFIED as well as functional product, technologically competitive, in compliance with the most stringent European standards for safety.

CERTIFICATIONS

Since 1995 the company is certified UNI EN ISO 9001 by TÜV SÜD-Italy, known internationally for the rigidity of the regulations which both company organization and product realization should meet.

SAFETYBOX® products are certified by TÜV Production monitored and Safety tested, which guarantees both the quality of the product and the control of the production phase: from materials to the final testing.

Safety cabinets are CERTIFIED in compliance with EN 14470-1, EN 14470-2, EN 16121, EN 16122 and EN 61010-1 norms.
The models for flammable storage and gas cylinders lines have all been tested for fire resistance in Ministry licensed research institutes.

CUSTOMER FOCUS AND RESEARCH

Innovation, research and tradition reliability are recurring themes, consolidated over 25 years of activity.
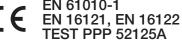The utmost attention to the customer is manifested in the study and production of products always in line with the needs of the customer, in compliance with current safety regulations, providing a pre- and post-sales assistance always up-to-date, competent, precise and prompt.

The Company provides the proper training and information to resellers through in-depth courses that take place at Labor Security System showroom. Currently present with its dealers across the country and in continuous expansion in the international market, the Company has a large warehouse in which over 400 different cabinets are stored, ready to be shipped to the customer within 24 hours from receipt of order.

STORAGE OF CHEMICALS, ACIDS AND BASES PRODUCTS

WITH FORCED VENTILATION

EN 61010-1
EN 16121, EN 16122
TEST PPP 52125A

- Completely **produced in pickled and electrogalvanized steel**, 10/10 mm thickness, painted with epoxy acid-proof powders. Thickness of painting from a minimum of 60µm (micron) to a maximum of 250µm (micron).
- **External monolithic construction, internal body resistant to corrosive products.**
- Tray-shaped shelves adjustable in height by racks, with bottom **basin**, made of electrogalvanized steel painted with epoxy acid-proof powders.
- Key lock with extractable cylinder (on demand "passe-partout kit" master key in case of lost keys).
- Doors opening up to 180°.
- **E-Flow® smart aspiration system** (where provided) for energy saving in safety construction.
- **Activated charcoal filter Carbox®** with electronic device Cunctator®.
- **Electroaspirator IMQ IPX4**, in compliance with EN 60335-1, EN 60335-2-80 and EN 50366 norms.
- ON/OFF lamp.
- **"Product and public liability insurance"** valid for all lifelong of the cabinet.

AA 120 NEW | AA 600

Product Code	External dimensions LxDxH	Weight	Capacity liters	Shelves	No. of bottles for each shelf	Aspiration with E-Flow®	Aspirator	Activated charcoal filter and Cunctator®	Palletized and certified base
AA 120 NEW	1200x500x1998 mm	155 kg	160 lt	3	23x2,5 lt	Yes	Yes	Yes	Yes
AAW 120 NEW	1200x500x1998 mm	155 kg	160 lt	3	23x2,5 lt	Yes	Yes	Yes	Yes
AAF 120 NEW	1200x500x1998 mm	155 kg	160 lt	3	23x2,5 lt	-	Yes	Yes	Yes
AA 600	600x500x1998 mm	95 kg	70 lt	3	9x2,5 lt	-	Yes	Yes	Yes
AAW 600	600x500x1998 mm	95 kg	70 lt	3	9x2,5 lt	-	Yes	Yes	Yes
AB 600*	600x500x1998 mm	100 kg	90 lt	2+2	9x2,5 lt	-	Yes	Yes	Yes
AB 1100*	1100x500x1175 mm	108 kg	90 lt	2+2	9x2,5 lt	-	Yes	Yes	Yes
AB 30/30**	600x500x1999 mm	100 kg	80 lt	4+4	64x1 lt	-	Yes	Yes	Yes
AB 1200/50**	1200x500x700 mm	70 kg	45 lt	1+1	6x2,5 lt	-	Yes	predisposed	Yes
AB 900/50*	900x500x700 mm	55 kg	30 lt	1+1	6x2,5 lt	-	Yes	predisposed	Yes
A 600/50	600x500x700 mm	45 kg	15 lt	1	6x2,5 lt	-	Yes	predisposed	Yes

(*) Separate compartments for acids and bases.
(**) On demand.

PREDISPOSED FOR ASPIRATION SYSTEM

- Completely **produced in pickled and electrogalvanized steel**, 10/10 mm thickness, painted with epoxy acid-proof powders. Thickness of painting from a minimum of 60µm (micron) to a maximum of 250µm (micron).
- **External monolithic construction, internal body resistant to corrosive products.**
- Tray-shaped shelves adjustable in height by racks, with bottom **basin**, made of electrogalvanized steel painted with epoxy acid-proof powders.
- Key lock with extractable cylinder (on demand "passe-partout kit" master key in case of lost keys).
- Doors opening up to 180°.
- **Predisposed for electroaspirator and activated charcoal filter** Carbox® with electronic device Cunctator®.
- **"Product and public liability insurance"** valid for all lifelong of the cabinet.

A 120 NEW | A 600

Product Code	External dimensions LxDxH	Weight	Capacity liters	Shelves	No. of bottles for each shelf	Aspiration with E-Flow®	Aspirator	Activated charcoal filter and Cunctator®	Palletized and certified base
A 120 NEW	1200x500x1690 mm	130 kg	160 lt	3	23x2,5 lt	-	predisposed	predisposed	Yes
AW 120 NEW	1200x500x1690 mm	130 kg	160 lt	3	23x2,5 lt	-	predisposed	predisposed	Yes
A 600	600x500x1690 mm	83 kg	70 lt	3	9x2,5 lt	-	predisposed	predisposed	Yes
AW 600	600x500x1690 mm	83 kg	70 lt	3	9x2,5 lt	-	predisposed	predisposed	Yes

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COMBINED STORAGE OF CHEMICALS AND FLAMMABLES PRODUCTS

KEMFIRE® TALL

TYPE 90

EN 14470-1, EN 61010-1
EN 16121, EN 16122
TEST PPP 52125A

- Completely produced in **pickled steel**, 10/10 mm thickness, painted with epoxy acid-proof powders. Thickness of painting from a minimum of 60µm (micron) to a maximum of 250µm (micron).
- Key lock with extractable cylinder (on demand "passe-partout kit" master key in case of lost keys).
- **"Product and public liability insurance"** valid for all lifelong of the cabinet.

COMPARTMENT FOR CHEMICALS, ACIDS AND BASES PRODUCTS
- Tray-shaped shelves adjustable in height by racks, with bottom basin.
- ON/OFF lamp.

COMPARTMENT FOR FLAMMABLES PRODUCTS
- **Double, inflatable and anti-dust trimmings**, and with protection against "cold and hot fumes".
- Door's closure with **thermic device at 50°** C. Not electric.
- Mechanical certified safety valves with automatic closure at 70±10° C.
- **Patented safety catch Ignis-lock®.** *

KEMFIRE® 1100 A | KEMFIRE® 600 A

	GENERAL DESCRIPTION		COMPARTMENT FOR FLAMMABLE TYPE90		COMPARTMENT FOR CHEMICALS, ACIDS AND BASES			
Product Code	External dimensions LxDxH	Weight	Opening*	Capacity liters	Opening*	Aspirator	Activated charcoal filter and Cunctator®	Capacity liters
KEMFIRE® 1100A (Type A)	1100x510x1670 mm	300 kg	2 doors	30 lt	2 doors	Yes	Yes	90 lt
KEMFIRE® 1100A (Type B)	1100x510x1670 mm	300 kg	1 drawer	30 lt	2 doors	Yes	Yes	90 lt
KEMFIRE® 1100A (Type C)	1100x510x1670 mm	300 kg	2 drawers	30 lt	2 doors	Yes	Yes	90 lt
KEMFIRE® 600 (Type A)	595x510x1670 mm	185 kg	1 door	15 lt	1 door	No	No	40 lt
KEMFIRE® 600 (Type B)	595x510x1670 mm	185 kg	1 drawer	15 lt	1 door	No	No	40 lt
KEMFIRE® 600 A (Type A)	595x510x1570 mm	185 kg	1 door	15 lt	1 door	Yes	Yes	40 lt
KEMFIRE® 600 A (Type B)	595x510x1570 mm	185 kg	1 drawer	15 lt	1 door	Yes	Yes	40 lt

KEMFIRE® UNDERBENCH

TYPE 90

EN 14470-1, EN 61010-1
EN 16121, EN 16122
TEST PPP 52125A

- Completely produced in **pickled steel**, 10/10 mm thickness, painted with epoxy acid-proof powders. Thickness of painting from a minimum of 60µm (micron) to a maximum of 250µm (micron).
- Key lock with extractable cylinder (on demand "passe-partout kit" master key in case of lost keys).
- **"Product and public liability insurance"** valid for all lifelong of the cabinet.

COMPARTMENT FOR CHEMICALS, ACIDS AND BASES PRODUCTS
- **Bottom basin** with drilled shelf, made of electrogalvanized steel painted with epoxy acid-proof powders.
- ON/OFF lamp.

COMPARTMENT FOR FLAMMABLES PRODUCTS
- **Double, inflatable and anti-dust trimmings**, and with protection against "cold and hot fumes".
- Door's closure with **thermic device at 50°** C. Not electric.
- Mechanical certified safety valves with automatic closure at 70±10° C.
- **Bottom basin** with drilled shelf, made of electrogalvanized steel painted with epoxy acid-proof powders.
- **Patented safety catch Ignis-lock®.** *

KEMFIRE® 1000/50 TYPE B | KEMFIRE® 1500/50 TYPE C

	GENERAL DESCRIPTION		COMPARTMENT FOR FLAMMABLE TYPE90		COMPARTMENT FOR CHEMICALS, ACIDS AND BASES			
Product Code	External dimensions LxDxH	Weight	Opening*	Capacity liters	Opening*	Aspirator	Activated charcoal filter and Cunctator®	Capacity liters
KEMFIRE® 1700/50 (Type A)	1700x510x600 mm	265 kg	2 doors	30 lt	1 door	Yes	predisposed	15 lt
KEMFIRE® 1700/50 (Type B)	1700x510x600 mm	265 kg	1 drawer	30 lt	1 door	Yes	predisposed	15 lt
KEMFIRE® 1700/50 (Type C)	1700x510x600 mm	265 kg	2 drawers	30 lt	1 door	Yes	predisposed	15 lt
KEMFIRE® 1500/50 (Type A)	1495x510x600 mm	210 kg	1 door	15 lt	2 doors	Yes	predisposed	30 lt
KEMFIRE® 1500/50 (Type B)	1495x510x600 mm	210 kg	1 drawer	15 lt	2 doors	Yes	predisposed	30 lt
KEMFIRE® 1500/50 (Type C)	1495x510x600 mm	210 kg	2 doors	30 lt	1 door	Yes	predisposed	15 lt
KEMFIRE® 1200/50 (Type A)	1195x510x600 mm	145 kg	1 door	15 lt	1 door	Yes	predisposed	15 lt
KEMFIRE® 1200/50 (Type B)	1195x510x600 mm	145 kg	1 drawer	15 lt	1 door	Yes	predisposed	15 lt
KEMFIRE® 1000/50 (Type A)	995x510x600 mm	140 kg	1 door	15 lt	1 door	Yes	predisposed	10 lt
KEMFIRE® 1000/50 (Type B)	995x510x600 mm	140 kg	1 drawer	15 lt	1 door	Yes	predisposed	10 lt

(*) Models with doors are supplied with **Ignis-lock®** system and door locking system.

COMPRESSED GAS CYLINDER STORAGE

INDOOR STORAGE

EN 14470-2
EN 16121
EN 16122

- Completely **produced in pickled steel**, 10/10 mm thickness, painted with epoxy acid-proof powders. Thickness of painting from a minimum of 60µm (micron) to a maximum of 250µm (micron).
- **External monolithic construction, internal body resistant to corrosive products.**
- Fire-proof insulation made of highly fire resistant material, completely ecological.
- **Double, inflatable and anti-dust trimmings**, and with protection against "cold and hot fumes".
- Two mechanical certified safety valves with automatic closure at 70 ± 10° C. (Ø 100 mm).
- **Predisposed for piping gas installations.**
- Space available for gas adaptor fittings and main gas flow command panel.
- Brackets for gas cylinders' holding.
- Metal ramp to enable an easy placement of the cylinders in the cabinet.
- Security lock with key and extractable cylinder.
- **"Product and public liability insurance"** valid for all lifelong of the cabinet.

BC 1350 GS | BC 650 S

Product Code	External dimensions LxDxH	G	Weight	Max storage	Predisposed for piping sysyem	Anti-spark or ATEX fan	Activated charcoal filter and Cunctator®
BC 1350 GS	1300x600x2015 mm	G 30	460 kg	4 gas cylinders of 50 lt	Yes	Optional	Optional
BC 650 S	700x600x2015 mm	G 30	212 kg	2 gas cylinders of 50 lt	Yes	Optional	Optional

DEPOSITO BOMBOLE OUTDOOR STORAGE

- **Folded and welded steel panels** onto girders to avoid structural deflection. Supplied with adjustable legs for fixing onto concrete base. Panel cavities may be filled with sand or concrete once fixed to the base.
- **Produced with electrogalvanized steel and outlines, painted with epoxide and polyester acid-proof powders electrostatically applied.**
- **Modular design** (see below).
- Modular roof construction made of tarred corrugated board, fixed onto a varnished steel load bearing support.
- P.V.C. rain gutter.
- Front doors with anti- intrusion mesh, supplied with safety lock.
- Possibility to store fuel and oxidizing separately.
- **"Product and public liability insurance"** valid for all lifelong of the cabinet.

SD3

MODULAR BOX DISASSEMBLED SUPPLIED

PACKING AND WEIGHT	DIMENSIONS	CODE AND DESCRIPTION
m² 1.00 — 1 Pallet — Gross weight 395 Net weight 377		Deposito Bombole SD6 — Dimensions: (LxDxH) 1760x880x2400mm
m² 1.50 — 1 Pallet — Gross weight 466 Net weight 448		Deposito Bombole SD3+3 — Dimensions: (LxDxH) 1840x880x2400mm
m² 2.20 — 1 Pallet — Gross weight 586 Net weight 568		Deposito Bombole SD6+3 — Dimensions: (LxDxH) 2840x880x2400mm

MODULAR BOX DISASSEMBLED SUPPLIED

PACKING AND WEIGHT	DIMENSIONS	CODE AND DESCRIPTION
m² 2.00 — 1 Pallet — Gross weight 568 Net weight 550		Deposito Bombole SD10
m² 2.88 — 1 Pallet — Gross weight 781 Net weight 683		Deposito Bombole Sd6+6 — Dimensions: (LxDxH) 3440x880x2400mm
m² 3.50 — 1 Pallet — Gross weight 911 Net weight 875		Deposito Bombole S6+6+3 — Dimensions: (LxDxH) 4320x880x2400mm
m² 1.00x2 — 1 Pallet — Gross weight 945 Net weight 909		Deposito Bombole S10+10 — Dimensions: (LxDxH) 3440x1680x2400mm

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FILTRATION SYSTEMS FOR THE TREATMENT OF HARMFUL FUMES

Aspirated and filtered hood for pharmaceutical use with Hepa filter H 14 or activated charcoal filter.

CAP-FARM 60 | CAP-FARM 60/B | ACTIVATED CHARCOAL FILTER | HEPA FILTER

Product Code	External dimensions LxDxH	Weight	Type	Power	Frequency	m³/h
CAP-FARM 60	600x550x870 mm	24 kg	to be positioned on bench or counter	230 V	50/60 Hz	130/150
CAP-FARM 60/B	600x580x860 mm	19,5 kg	Equipped with mobile arm fixed to the wall	230 V	50/60 Hz	130/150

ACTIVATED CHARCOAL FILTER IN GRAINS

Product Code	External dimensions LxDxH	Weight	No. Of charcoal cell	Ø in-out
CARBOX® BM	265x520x255 mm	9 kg	4	125 mm
CARBOX® BP	260x270x320 mm	3,5 kg	1	125 mm
CARBOX® BE4	590x460x460 mm	24 kg	4	250 mm
CARBOX® BE6	590x460x460 mm	30 kg	6	250 mm
CARBOX® B4	590x460x640 mm	27 kg	4	250 mm
CARBOX® B6	590x460x690 mm	34 kg	6	250 mm
CARBOX®-VENT BE4	455x730x455 mm	30 kg	4	250 mm
CARBOX®-VENT BE6	455x730x455 mm	33 kg	6	250 mm

MELAMINE CABINET FOR THE STORAGE OF CHEMICAL PRODUCTS

- Entirely produced in melamine fire-proof wood.
- Joint assembled bung by pins and ABS edging.
- Protective metal sheet base.
- **Palletized base** for easier transportation of the cabinet.
- **5 drawers on sliding guides**. Loading of the guides 30 kg.
- Doors opening up to 95°.
- Internal hinges with closing spring.
- **"Product and public liability insurance"** valid for all lifelong of the cabinet.

SICUR WOOD 120 | SICUR WOOD 60

Product Code	External dimensions LxDxH	Weight	Capacity liters	Shelves	Partition wall	Aspirator and activated charcoal filter with Cunctator®	Palletized base
SICUR WOOD 120	1200x520x1990 mm	187 kg	225 lt	5 drawers	Yes	Optional	Yes
SICUR WOOD 60	600x520x1990 mm	106 kg	113 lt	5 drawers	No	Optional	Yes