

European norm EN 131 European norm EN 14183 D.Lgs 09.04.2008 n°81



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100% MADE IN ITALY

The products identified in this handbook have been manufactured by MARCHETTI s.r.l. With QUALITY SYSTEM MANAGEMENT, certified by Tuv Italia, in accordance with ISO 9001





# LADDERS STOOLS

Handbook written in conformity to EN 131 norm part 3 and EN 14183 norm (stools).

Portable ladders must be used only for finishing, maintenance or similar work. This handbook contains important information regarding the use, maintenance and safety of portable ladders; the operator must have complete knowledge of the information contained herein before use. Scrupulous observance of this manual ensures that the work will be carried out in accordance with worker's health and safety regulation D.Lqs.09.04.2008 n°81.

DOC. ASSISTENZA CLIENTE N. 8 REV. 7 DEL 09/02/2017

10274

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# **ATTENTION:**

- Read and understand this manual in its entirety.
- Follow the instructions as indicated.
- Before any installation, verify the integrity of each individual component.

Do not use damaged or not whole components



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## Legend



Tested and certificated product in accordance with European law UNI EN 131



Tested and certificated product in accordance with European law UNI EN 14183



Product made in accordance with the in force Italian Legislative Decree 09 April 2008 n. 81 "TESTO UNICO SULLA SICUREZZA", Art.113 "portable ladders"



Product made in accordance with the in force Italian Legislative Decree 06 September 2005 n. 206 "codice del consumo", Art. 2



The official laboratory that certificated, tested and evaluated the product in accordance with European law UNI EN 14183 and UNI EN 131



Total load permitted

## **Table Pictograms**



Rungs/steps N.











Max Height close





Thickness close



Height max by support









## 1. REGULATION REERENCES

- D.Lgs. 09.04.2008 n° 81 (G.U. n° 101 del 30.04.08) "Testo unico sulla salute e sicurezza sul lavoro".
- UNI EN 131Technical Standard (May 2007) "Portable ladders" parts 1° 2° 3° 4°
- D.Lgs. 06.09.2005 n° 206 (G.U. n° 235 dated 08.10.05 Suppl. Ordinario n° 162) "Codice del Consumo".

In order to declare a ladder pursuant to D.lgs. 09 April 2008, n. 81 art. 113, the manufacturer must:

- 1. design and devise the ladder in conformity to the above mentioned D.lgs. 81/2008;
- 2. provide the ladder with a handbook including instructions for use and maintenance, as prescribed by D.lgs. 81/2008.

Notwithstanding the manufacturing provisions of D.lgs. 81/2008 (Document XX) provided for by art. 113 paragraphs 3, 8 and 9, which can be summarized as follows:

- 1. paragraph 3, portable simple ladders directions about employed materials, manufacturing rules for wooden ladders, directions over non-slip devices to put at the ends;
- 2. paragraph 8, two or more elements portable ladders (Italian type or similar) are not allowed to exceed a m 15 length, particular needs excepted; in case ladders exceed m 8, they must be provided with break bending in order to reduce the bending;
- 3. paragraph 9, double ladders are not allowed to exceed a m 5 length and must be provided with an anti-opening device working over the fixed safety limit.

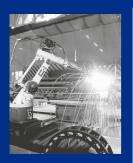
Conditions for notwithstanding the manufacturing provisions of D.lgs. 81/2008 provided for by art. 113 paragraphs 3, 8 and 9 are the following:

- 1. Portable ladders must be manufactured pursuant to technical standard UNI EN 131;
- 2. The manufacturer shall supply the certifications prescribed by the above mentioned technical standard, issued by an accredited laboratory;
- 3. Portable ladders shall be accompanied by a sheet or handbook providing relevant data on type of product, correct use, maintenance and conservation of the same. The handbook must also include laboratory data, results of technical tests required by technical standard UNI EN 131, identification numbers of the certificates and dates of their release; the declaration of conformity to technical norm UNI EN 131 released by the manufacturer shall also be included.





## 2. DECLARATION OF CONFORMITY











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## **DECLARATION OF CONFORMITY**

## MARCHETTI s.r.l.

located in Città della Pieve (Perugia) Italy, st. Piemonte, 22

# **DECLARES**

- That the products listed in the instruction handbook as pursuant to D.Lgs. 09.04.2008 n° 81 Art.113
- That the products listed in the instruction handbook as pursuant to EN 131 are manufactured in compliance with the norm EN 131;
- That the same one are manufactured in compliance with the respective prototypes that have passed the tests of verifications held at the:



#### UNIVERSITA' DEGLI STUDI DI PERUGIA

**Engineering Department** 

The number of the certificates are quoted in the tables next to each product.

- That all the products are equipped with an identification code and an instruction handbook that contains:
- Normative references
- 2. The description of the product and the indication of the component elements
- 3. The instructions for a proper use
- 4. The instructions for the maintenance and the conservation
- 5. General regulations regarding the safety



MARCHETTI s.r.l. R.Marchetti



## 3. TECHNICAL CHARACTERISTICS

#### 3.1 Materials used

- Uprights: electro-welded aluminium pipes with rectangular section and round corners. Excellent
  resistance with low weight and high resistance to atmospheric and chemical agents.
- **Uprights:** in extruded aluminium open section, for telescopic ladder. Shaped to guarantee functionality and resistance with low weight and high resistance to atmospheric and chemical agents.
- **Uprights:** in pultruded fibreglass with rectangular section and round corners. Electric insulation guarantee, high resistance to chemical and atmospheric agents, as seasonal lowest and highest temperatures.
- Steps: in extruded aluminium section, least width mm 80, non-slip surface.
- **Comfort rungs:** in extruded aluminium section, width mm 50, non-slip surface.
- Rungs: in extruded electro-welded aluminium with rectangular section and round corners and nonslip surface.
- Pressed galvanized steel sliding device: protected by cold galvanizing.
- Pressed galvanized steel coupling step devices: protected by cold galvanizing.
- Various components: made of nylon compound with galvanized steel core depending on models.
- Feet: in non-slip PVC.

## 3.2 Finishing and packing

Our ladders are marked with an adhesive label with:

- Manufacturer identification
- Model and dimensions
- Month/Year of production
- Allowed ladder inclination, if necessary
- Total load permitted
- Maximum number of users allowed
- Ladder mass

Each ladder is equipped with a handbook for use and maintenance, as well as security regulations, edited in conformity to UNI EN 131 Technical Norm, part 3. Ladders are all in shrink-wrap film packaging.

## 4. PRELIMINARY CHECKS

- Verify your state of health. If suffering from vertigo, muscle soreness or bone pain, in case of tiredness or if affected from eyes pathologies, in case of consumption of medicines, alcohol, drugs or other, it is advised not to climb on the ladder.
- Verify that there is always someone with you, in order to provide relief in case of accident or to help
  you during works, to always exercise constant vigilance from the floor and to provide assistance
  where it is not possible to constrain the ladder.
- During the transport of the ladder avoid contact with equipment or materials that could cause damage
- Check the ladder after purchase or any time before using it, checking the condition and the right work of its components.
- Make sure it has the instruction Manual; in case is missing, procure a new copy, contacting the manufacturer.
- Visually check the ladder is not damaged and that it can be used safely before the beginning of any work; DO NOT USE FOR ANY REASON A DAMAGED LADDER.
- Visually check that the ladders wich don't present any damages and that can be used in sure way before the beginning of every job; DON'T USE FOR ANY REASON A DAMAGED LADDER.





- Make sure the chosen model is appropriate to the type of work to do and check the total load permitted.
- For professional users is required the regular periodic inspection. For verification can be use the form on the last page of this manual.
- Remove any dirt from the ladder as fresh paint, mud, oil and snow.
- Before using a ladder at work, should be do a risk assessment in accordance with the legislation of the country of use.

## 5. POSITIONING AND INSTALLATION OF LADDER

- The ladder must be positioned correctly with the inclination permitted by the manufacturer (65÷75 degrees if equipped with rungs; 60÷70 degrees if equipped with steps). Approximately, it can be considered that the support of the top of the ladder against the wall, must be at a height above the ground equal to 3 times the distance from the base of the wall
- In the case of double ladders: Verify that the ladder is completely open, the anti-opening device at full extension and the platform, if any, has taken the correct position
- Make sure that the surface where are positioned the uprights of the ladder is perfectly flat, stable.
- The rungs and steps must always maintain the horizontality.
- Do not place the ladder on slippery surfaces (ice, polished surfaces or solid supeficie very dirty)
  unless appropriate measures are taken to prevent slippage of the ladder or remove the causes of the
  dirt of the surface.
- The both ends of a ladder by support, must adhere against a flat surface, smooth, firm, non-slip, stable and not fragile and must be properly constrained. Where it is not possible to constrain the ladder, must be held to the floor by another person.
- In case the ladder is supported by a pole, the appropriate accessory must be used: "Pole-rest" (pag. 30)
- Do not place objects under the ladder that provide a basis for gaining position in height, nor increase
  the length by the application of unsuitable extensions. The ladder should always be based on their
  feet.
- The position of the ladder should never be changed from the top.
- Be careful to potential dangers in the area of position of ladder:
- Doors and windows locked not perfectly
- Positions facing the empty spaces, not properly protected
- Electric lines, or exposed electrical equipment;
- Insufficient lighting
- Risk of collision with vehicles and pedestrians

## 6. USE OF THE LADDER

- 1. Use portable ladders only for easy and short duration works, resting every now and then
- 2. Do not exceed the total load permitted
- 3. One person at a time is allowed to use the ladder
- 4. Always lift head-on, keeping the body between the uprights
- 5. Always have a firm hold during the climb, landing and positioning
- 6. Always position both feet on a rung/step
- 7. Never position a foot on a rung/step and the other on a different level
- 8. Never lean out on the side
- 9. Do not use work tools in a hard way in order to avoid to slip or to tip over
- Do not lift with heavy or cumbersome materials. If work tools are needed, add a tool box hooked up to the ladder or to the waist





- 11. Do not stop on the last three steps / rungs of a ladder by support.
- 12. In a double ladder never climb on the last two steps, if there isn't platform and parapet.
- 13. Use non-conductive ladders to work on energized electrical parts.
- 14. Do not use the ladder outside with bad weather conditions
- 15. Take precautions to avoid that children can climb the ladder.
- 16. With transformable ladders 3 elements in double position, never climb over the last rung created by the 2 elements, using the 3rd element (for at least 4 rungs) as a parapet
- 17. Never climb on the support element of double ladders
- 18. Never use the ladder as a walkway or working platform where climb on.
- 19. Wear appropriate very clean (no mud, oil, grease) footwear, to climb the ladder, guaranteeing perfect stability.
- Do not step on the ladder with unsuitable clothing to prevent parts of this can entangle during the climb or descent.
- 21. In the case of access to a higher level the length of the ladder must be such that the uprights are protruding for minimum. One meter, vertically, over the floor landing.
- 22. No operator should be on the ladder when it's moving
- 23. At the end of the activities, return the ladder to the minimum height, in the closed position.
- 24. Store the equipment in a covered, aired, not weathered place. Keep the equipment away from children.

## 7. MAINTENANCE - REPARATION

- 1. Check the ladder every day or before every use
- 2. Checks:
  - · Uprights and rungs/steps integrity
  - Nonslip feet state of wear
  - Sliding, coupling step and safety devices
  - Rubber feet wear
  - Welding integrity, when present
- 3. Keep the ladder clean using a light cleaner
- 4. Only the manufacturer is allowed to make reparations, in order to avoid loss of certification of validity
- 5. Only use original components in case of replacement
- 6. Removal and recycling of the stool components: aluminum and steel for recycling, plastics parts remove from the stool and collect for reconversion of waste material.

#### 7. GUARANTEE

All MARCHETTI products are covered by the company's official guarantee, pursuant to applicable norms. The guarantee is immediately effective and is ratified by the invoice accompanying the goods.

A product found to be faulty is guaranteed. We shall accept no responsibility for products used incorrectly or damaged during use or transport. The product must be returned with its original packaging, undamaged; it shall be covered by guarantee if it has not been dismantled, modified or tampered with.





## 8.1 Simple ladders











# A1 Aluminium simple ladder with rungs (30 mm)

Certificato	COD.	ART.	Ħ	<b> </b> ↑	<b>/</b> ‡		√mm≽	Kg	vol. mc
marc 45	20648	A107	7	2,16	2,00	60X25	430	3,40	0,05
marc 45	20000	A108	8	2,45	2,30	60X25	430	3,90	0,06
marc 45	20001	A110	10	3,00	2,82	60X25	430	5,00	0,08
marc 45	20002	A112	12	3,60	3,35	60X25	430	5,90	0,09
marc 45	20003	A114	14	4,10	3,87	60X25	430	6,60	0,11
marc 44	20004	A115	15	4,40	4,15	73X25	430	7,70	0,14
marc 44	20005	A117	17	5,00	4,67	73X25	430	8,60	0,16



# A1 più Aluminium simple ladder with rungs (30 mm) and stabilizer base

Certificato	COD.	ART.	Ħ	‡ E	<b>/</b> ‡		∢mm⊳	<b>∐</b>	Kg	vol. mc
marc 130	21350	A112+	12	3,60	3,37	60X25	430	800	6,55	0,09
marc 130	21351	A114 +	14	4,10	3,89	60X25	430	900	7,50	0,11
marc 131	21352	A115+	15	4,40	4,17	73X25	430	900	8,70	0,14
marc 131	21353	A117 +	17	5,00	4,69	73X25	430	1000	9,70	0,16



# **OR1** Aluminium simple ladder with rungs (28 mm)

Certificato	COD.	ART.	Ħ	<b> </b> ↑	<b>/</b> ‡		H ∢mm≽	Kg	vol. mc
marc 120	21064	OR107	7	2,16	2,00	60X25	340	3,40	0,04
marc 120	21065	OR108	8	2,45	2,30	60X25	340	3,80	0,05
marc 120	21066	OR110	10	3,00	2,82	60X25	340	4,70	0,06
marc 120	21067	OR112	12	3,60	3,35	60X25	340	5,50	0,07
marc 120	21068	OR114	14	4,10	3,87	60X25	340	6,40	0,08
marc 119	21069	OR115	15	4,40	4,15	73X25	340	7,30	0,11
marc 119	21070	OR117	17	5,00	4,67	73X25	340	8,20	0,12

















# AL Simple parallel aluminum ladder with rungs (30mm)

Certificato	COD.	ART.	Ħ	<b>↑</b> E	<b>/</b> ‡		-€mm-	Kg	vol. mc
marc 57	20477	AL108	8	2,45	2,30	60X25	430	4,80	0,06
marc 57	20478	AL110	10	3,00	2,82	60X25	430	5,40	0,08
marc 57	20479	AL112	12	3,60	3,35	60X25	430	6,50	0,09
marc 57	20480	AL114	14	4,10	3,87	60X25	430	7,50	0,11
marc 56	20481	AL115	15	4,40	4,15	73X25	430	8,80	0,14
marc 56	20004	AL117	17	5,00	4,67	73X25	430	10,10	0,16



# AL più Aluminium simple ladder with comfort rungs - (50 mm) and stabilizer base

Certificato	COD.	ART.	目	<b> </b> ↑	<b>/</b> <sup>‡</sup>		<mm></mm>	<b>∐</b>	Kg	vol. mc
marc 132	21346	AL112 +	12	3,60	3,35	60X25	430	800	6,50	0,09
marc 132	21347	AL114 +	14	4,10	3,87	60X25	430	900	7,50	0,11
marc 133	21348	AL115 +	15	4,40	4,15	73X25	430	900	8,80	0,14
marc 133	21349	AL117 +	17	5,00	4,67	73X25	430	1000	10,10	0,16



# AGRIL Trapezoidal aluminium simple ladder with comfort rungs (50 mm)

Certificato	COD.	ART.	目	Î E ↓	<b>/</b> ‡		Ä	Kg	vol. mc
marc 59	20483	AGRIL10	10	3,00	2,82	60X25	510	5,60	0,09
marc 59	20484	AGRIL12	12	3,60	3,35	60X25	550	6,70	0,10
marc 59	20485	AGRIL14	14	4,10	3,87	60X25	580	7,80	0,14
marc 58	20486	AGRIL15	15	4,40	4,15	73X25	600	9,10	0,19
marc 58	20487	AGRIL17	17	5,00	4,67	73X25	630	10,30	0,23





## 🏂 8.2 Aluminium simple ladder with steps











# **BIBLIO** Aluminium simple ladder with steps (80 mm) and handrail

Certificato	COD.	ART.	Ħ	<b>↑</b> E		<b>/</b> ‡	√mm≽	Kg	vol. mc
marc 31	20052	BIBLI006	6	1,95	60X25	1,75	430	4,90	0,15
marc 31	20053	BIBLI008	8	2,50	60X25	2,30	430	6,10	0,19
marc 31	20054	BIBLI010	10	3,05	60X25	2,80	430	7,80	0,23
marc 134	20055	BIBLI012	12	3,60	60X25	3,35	430	10,20	0,27
marc 134	20056	BIBLI013	13	3,85	60X25	3,60	430	10,70	0,30













# SPECIAL Più Aluminium simple ladder by support with steps (165 mm) handrail and extension upright

COD.	ART.	目	<b> </b> ↑	<b>/</b> ‡	/: emmis		<b>■</b>	Kg	vol. mc
20536	SPECIALPIÙ06	6	3,00	1,69	1115	84X25	600	12,00	0,14
20537	SPECIALPIÙ08	8	3,57	2,17	1395	84X25	600	15,50	0,17
20538	SPECIALPIÙ10	10	4,13	2,66	1675	84X25	600	18,70	0,19
20539	SPECIALPIÙ12	12	4,69	3,14	1955	84X25	600	22,20	0,22
20540	SPECIALPIÙ13	13	4,97	3,38	2095	84X25	600	24,00	0,24
20541	SPECIALPIÙ14	14	5,25	3,63	2235	84X25	600	26,00	0,25
20542	SPECIALPIÙ15	15	5,53	3,87	2375	84X25	600	27,30	0,26











# SPECIAL Aluminium simple ladder by support with steps (165 mm) handrail

COD.	ART.	Ħ	<b>↑</b>	<b>/</b> ‡			#mm	Kg	vol. mc
20527	SPECIAL06	6	1,86	1,61	1015	84X25	570	11,20	0,09
20528	SPECIAL08	8	2,42	2,09	1295	84X25	570	14,60	0,11
20529	SPECIAL10	10	2,98	2,58	1575	84X25	570	18,00	0,14
20530	SPECIAL12	12	3,54	3,06	1855	84X25	570	21,80	0,17
20531	SPECIAL13	13	3,82	3,30	1995	84X25	570	23,50	0,18
20532	SPECIAL14	14	4,10	3,55	2135	84X25	570	25,20	0,20
20533	SPECIAL15	15	4,38	3,79	2275	84X25	570	26,90	0,21



# AS1 Aluminium simple ladder by support with steps (80 mm) handraili and extension upright

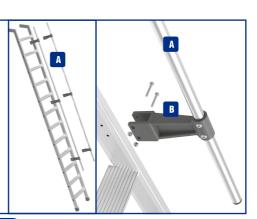
COD.	ART.	目	<b></b>	<b>/</b> ‡	/: «mm»		∢mm≽	Kg	vol. mc
20978	AS108	8	3,56	2,31	992	60X25	430	9,08	0,12
20979	AS110	10	4,13	2,83	1202	60X25	430	10,50	0,13
20980	AS112	12	4,69	3,35	1412	60X25	430	12,60	0,15
20981	AS113	13	4,97	3,61	1530	73X25	430	14,20	0,19
20982	AS114	14	5,25	3,87	1633	73X25	430	15,10	0,20
20983	AS115	15	5,53	4,14	1741	73X25	430	15,75	0,21



**Biblio, Special Più, Special, As1**, is supplied with disassembled handrail

After removing the packaging:

- Place the ladder on the ground, horizontally, with higher supports facing down
- 2. Graft handrails **A** on the uprights, putting the plastic supports **B** at the appropriate hole. Fix all supports **B** with 2 screws and nuts, using supplied keys.













# AP1 Aluminium simple ladder with steps (80 mm) handrail and parapet

COD.	ART.	目	<b>↑</b>	<b>/</b> ‡			<b>□</b>	Kg	vol. mc
20984	AP103	3	2,17	1,01	467	60X25	430	3,03	0,06
20985	AP104	4	2,45	1,27	572	60X25	430	3,42	0,07
20986	AP105	5	2,73	1,53	677	60X25	430	3,98	0,07
20987	AP106	6	3,00	1,79	782	60X25	430	4,45	0,08
20988	AP107	7	3,29	2,05	887	60X25	430	4,93	0,09
20989	AP108	8	3,57	2,31	992	60X25	430	5,40	0,09
20990	AP109	9	3,85	2,57	1097	60X25	430	5,88	0,10
20991	AP110	10	4,13	2,83	1202	60X25	430	6,35	0,11
20992	AP111	11	4,41	3,09	1307	60X25	430	6,83	0,12
20993	AP112	12	4,69	3,35	1412	60X25	430	7,30	0,16
20994	AP113	13	4,97	3,61	1530	73X25	430	8,76	0,17
20995	AP114	14	5,25	3,87	1633	73X25	430	9,28	0,18
20996	AP115	15	5,53	4,14	1741	73X25	430	9,81	0,20



For models AS1 AP1 SPE-CIAL PIU' secure the ladder to the wall, by brackets included in the packaging, positioning them to the desired height and fix by screws and nuts provided.

















# AZZURRA 2 Aluminium trasformable ladder Azzurra 2 elements

Certificato	COD.	ART.	目	<b> </b>	<b>/</b> /‡		<b>\</b> 1		<b>∐</b>	Kg	vol. mc
marc 123	21117	A207	7+7	2,20	3,40	3,60	2,00	60X25	800	10,00	0,10
marc 123	21118	A208	8+8	2,50	3,90	4,15	2,30	60X25	800	10,70	0,15
marc 74	21119	A210	10+10	3,00	5,00	5,30	2,85	73X25	900	13,50	0,19
marc 03	21120	A212	12+12	3,60	6,00	6,40	3,35	84X25	1100	17,50	0,24
marc 09	21121	A213	13+13	3,90	6,50	6,70	3,60	97X25	1100	20,00	0,30



# **ORANGE 2** Aluminium trasformable ladder Orange 2 elements

Certificato	COD.	ART.	目	IIÎ	<b>/</b> /‡		<b>\</b> 1		<u>H</u>	Kg	vol. mc
marc 118	21043	OR207	7+7	2,00	3,20	3,40	1,90	60X25	800	8,30	0,10
marc 117	21044	OR209	9+9	2,60	4,00	4,30	2,40	73X25	900	10,80	0,15
marc 116	21045	OR211	11+11	3,15	5,00	5,40	2,95	84X25	1000	13,90	0,20



# VX 2 Fiberglass and aluminium trasformable ladder 2 elements

Certificato	COD.	ART.	Ħ	<b> </b>  ↑	<b>/</b> /ţ		$\bigwedge^{\uparrow}_{\downarrow}$		<u></u>	Kg	vol. mc
marc 22	20064	VX207	7+7	2,20	3,40	3,60	2,05	73X25	800	11,50	0,13
marc 22	20065	VX208	8+8	2,50	3,90	4,15	2,30	73X25	800	14,00	0,15
marc 08	20066	VX210	10+10	3,00	4,70	5,00	2,80	73X25	900	18,00	0,19
marc 08	20067	VX212	12+12	3,60	5,75	6,10	3,35	73X25	1100	24,00	0,22







## 8.4 Transformable ladders 3 elements











# AZZURRA 3 Aluminium trasformable ladder Azzurra 3 elements

Certificato	COD.	ART.	Ħ	Î E	<b>/</b> <sup>/</sup>		<b>\</b> 1		<b>H</b>	Kg	vol. mc
marc 75	21112	A307	7+7+7	2,20	4,70	5,00	2,00	73X25	800	15,40	0,19
marc 124	21113	A308	8+8+8	2,50	5,50	5,85	2,30	73X25	800	16,70	0,24
marc 125	21114	A310	10+10+10	3,00	7,10	7,55	2,85	84X25	900	22,20	0,33
marc 126	21115	A312	12+12+12	3,60	8,10	8,65	3,35	97X25	1100	29,00	0,40
marc 126	21116	A313	13+13+13	3,90	8,65	9,20	3,65	97X25	1100	31,00	0,43



# **ORANGE 3** Aluminium trasformable ladder Orange 3 elements

Certificato	COD.	ART.	Ħ	↑ E	<b>,</b> //ॄॄ		<b>\</b> 1		Ħ	Kg	vol. mc
marc 115	21046	OR307	7+7+7	2,00	4,00	4,25	1,90	60X25	800	12,30	0,14
marc 114	21047	OR309	9+9+9	2,60	5,30	5,65	2,40	73X25	900	15,50	0,20
marc 113	21048	OR311	11+11+11	3,15	6,60	7,05	2,95	84X25	1000	19,50	0,29
marc 113	21049	OR312	12+12+12	3,40	7,15	7,60	3,25	84X25	1000	21,30	0,31



# ${f VX~3}$ Fiberglass and aluminium trasformable ladder 3 elements

Certificato	COD.	ART.	目	<b>                                     </b>	<b>,</b> //ॄॄ		<b>\</b> 1		<u>H</u>	Kg	vol. mc
marc 25	20068	VX307	7+7+7	2,20	4,70	5,00	2,00	73X25	800	20,00	0,19
marc 25	20069	VX308	8+8+8	2,50	5,50	5,80	2,30	73X25	800	23,30	0,21
marc 24	20070	VX310	10+10+10	3,00	6,80	7,20	2,80	73X25	900	29,30	0,26
marc 23	20071	VX312	12+12+12	3,60	7,30	7,80	3,40	73X25	1100	37,60	0,31











## Transformable ladders 4 elements

COD.	ART.	Ħ	<b>1</b>	// <sup>/</sup>		<b>\</b> 1		<b>∐</b> ←mm→	Kg	vol. mc
20718	IT406	6+6+6+6	2,00	5,00	5,30	1,90	60X25	800	15,00	0,21
20719	IT408	8+8+8+8	2,50	7,15	7,60	2,45	73X25	800	21,50	0,32
20720	IT409	9+9+9+9	2,85	8,20	8,70	2,70	84X25	800	25,00	0,40
21195	IT412	12+12+12+12	3,60	10,20	10,90	3,35	97X25	800	38,50	0,57
21196	IT413	13+13+13+13	3,90	11,30	12,00	3,60	97X25	800	39,50	0,61



- 1) Remove the packaging
- 2) Insert base and secure with M6 screws and self-locking nuts by supplied keys (Fig. A).

#### · Extended position:

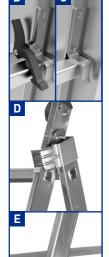
- 1 Place the ladder to the wall (distance from the ladder base from the wall, about 1/3 of the support height). During all of the following steps, keep attention to the angle of the ladder, keeping it constantly around  $70^{\circ}$ .
- 2 Grab the external trunk (the larger one) of the ladder, disengage the blocking hooks (Fig. B) and lift it up to the desired height.
- 3. Make sure the stop hooks (fig. C) are correctly inserted in the rung of the trunk below.
- 4. To achieve the desired quota, repeat the above steps for all ladder trunks, according to the model in your hands.

#### · Double position

- 1. Place the ladder in vertical position, seize the 2nd element in correspondence of the 1st rung and disconnect the blocking device. Lift the second element and disconnect the blocking device down on the uprights, open it slightly and lower it again (fig. D).
- 2. Open the two elements in double position, unhook the lateral antiopening staffs and blocke them into the correspondent rung holes of the 2nd element. If the ladder has anti-opening belts (fig. E), open the ladder in double position, only.

ATTENTION: handle with care, keeping hands away from rungs during assembly and dismantling operations.









#### 8.6 Extended ladders with rope











# AZZURRA AC 3 Aluminium 3 elements extended ladder with rope

Certificato	COD.	ART.	Ħ	<b>     </b>	<b>,</b> // <sup>↑</sup> <sup>†</sup>		<b>\</b> 1		<u>H</u>	Kg	vol. mc
marc 138	21192	AC310	10+10+10	3,00	7,10	7,50	NO	97X25	900	25,30	0,33
marc 127	21193	AC312	12+12+12	3,60	8,15	8,65	NO	97X25	1100	30,00	0,40
marc 127	21194	AC313	13+13+13	3,90	8,70	9,20	N0	97X25	1100	33,00	0,43



- 1) Remove the packaging
- 2) Insert base and secure with M6 screws and self-locking nuts by supplied keys (Fig. A).
- Extended position:
- 1) Place the ladder to the wall (distance from the ladder base from the wall, about 1/3 of the support height). During all of the following steps, keep attention to the angle of the ladder, keeping it constantly around 70°.
- 2) Grab the external trunk (the larger one) of the ladder, disengage the blocking hooks (Fig. B) and lift it up to the desired height, minimum 4 rungs from the bottom, for using the rope.
- 5. Hold the side rope and pull it down.
- Reach the required height making sure that the hooking device (Fig. C) slightly overrides the rung of the first trunk.
- 7. Gently lower the device to hook the rung releasing the rope.
- 8. To close the ladder, lift it by pulling the rope until the clamping device (Fig. D) overcome completely the rung, then gently release the rope.
- 9. To lock the locking device during downhill, in the rungs desidered, Lift slightly by pulling the rope so that the device engages as in the previous point (Fig. C).

ATTENTION: handle with care, keeping hands away from rungs during assembly and dismantling operations.

















# **EQUIPE** Aluminium multipurpose telescopic ladder

Certificato	COD.	ART.	Ħ	<b>9</b> ↑	<b>/</b> 1		<b></b> \$\dag{\text{t}}	Å	Ä	Kg	vol. mc
marc 129	20431	EQU33	6+6	1,00	2,80	2,95	1,45	0,90	482	10,00	0,09
marc 129	20710	EQU34	7+7	1,30	3,30	3,50	1,75	1,16	482	10,90	0,10
marc 139	20029	EQU44	8+8	1,30	3,80	4,10	1,95	1,32	556	12,55	0,12
marc 139	20030	EQU45	9+9	1,55	4,35	4,65	2,25	1,48	556	13,45	0,14
marc 139	20031	EQU55	10+10	1,55	4,90	5,20	2,50	1,66	629	14,75	0,15
	20506	EQU66	12+12	1,83	5,95	6,30	3,05	1,98	701	17,55	0,20



## EQUIPE ROLLING Aluminium multipurpose telescopic ladder

Certificato	COD.	ART.	目	<b>1</b>	<b>/</b> †		<b>^</b> 1	Å	Ä	Kg	vol. mc
marc 139	21295	EQUR44	8+8	1,30	3,80	4,10	1,95	1,32	556	12,55	0,12
marc 139	21296	EQUR45	9+9	1,55	4,35	4,65	2,25	1,48	556	13,45	0,14
marc 139	21297	EQUR55	10+10	1,55	4,90	5,20	2,50	1,66	629	14,75	0,15
	21298	EQUR66	12+12	1,83	5,95	6,30	3,05	1,98	701	17,55	0,20



After removing the packaging, the ladders are ready for the use. EQUIPE can assume 4 positions: closed (fig. 1), extended (fig. 2), double (fig. 3), adjustable double (fig. 4).

In the Equipe handle are printed the imagine of positions, to move from the closed position (Fig. 1) to the other positions (Fig. 2-3), pull out the 2 handles A and rotate them until the imagine for the selected position matches the arrow printed on the hinge. To reach higher heights, both in the extended and double ladder position, pull out the 4 side hooks B and rotate it slightly.

Pull the internal trunks up to the desired height. Reinsert the 4 hooks, taking care that they will engage in the rungs of the internal trunks. These actions should be made with ladder

in closed position, keeping particular attention to supporting the internal trunks with the hands, until the 4 hooks B are reinserted into the respective seats. The ladders can be used as double-adjustable (fig.4) by simply extracting the two internal trunks of a different quantity rungs, according to the level to be filled.













# FORMA Aluminium multipurpose ladder

COD.	ART.	Ħ		] d	<b>\$</b> ↑	<b>%</b> ‡	γ°°¢‡	<u></u>	5 <del>00</del> 3	∢mm≽	<b>∐</b>	Kg	vol. mc
20507	FORMA33	3+3+3+3	1,00	3,60	3,40	1,73	0,98	1,34	2,33	380	600	11,30	0,11
20508	FORMA43	4+3+3+4	1,29	4,17	3,92	2,00	1,25	1,54	2,48	380	600	12,20	0,14



- 1) Remove the packaging
- 2) Insert base and secure with M6 screws and self-locking nuts by supplied keys (Fig. A).

## - FORMA:

The ladder can assume lots positions, but that allowed are 4: closed (fig.

1), extended (fig. 2), double (fig. 3) bridge work (fig.4), the latter can be used only as bench work. The operator is not allowed to climb on it.

Each hinge at the end of the elements has 2 fixed positions. To switch from closed position to the others, rotate the involved elements till the hinges will be blocked on the first position (inclined elements). If another position is required, lift the lever on the side of the hinges to set it off and go on rotating the element till the hinges will be blocked on the second position (lined up elements).

To switch to initial position, repeat operations in reverse order.















# DUO Aluminium joint ladder

Certificato	COD.	ART.	目	Î	<b>/</b> 1		<b>^</b> 1	Å	Ä	<b>∃</b>	Kg	vol. mc
marc 88	20672	DU005	5+5	1,55	2,82	3,00	1,48	0,99	380	680	7,70	0,08
marc 88	20673	DU006	6+6	1,83	3,35	3,56	1,74	1,17	380	680	8,56	0,10
			D.	Lgs. 09	- 04 -	08 N° 8	1 Art. 1	113				
	20674	DU007	7+7	2,11	3,87	4,12	2,00	1,34	380	680	9,42	0,11



- 1) Remove the packaging
- 2) Insert base and secure with M6 screws and self-locking nuts by supplied keys (Fig. A).



- 1. Ladder can assume 3 positions: closed (fig. 1), extended (fig. 2), double (fig. 3)
- 2. Show illustrations of various positions on handles A.
- 3. Dto switch from closed ladder (fig. 1) to other positions, extract the 2 handles A and rotate to make illustrations overlap to chosen position with the arrow printed on the hinge.





#### **ATTENTION:**

handlewithcare, keeping hands away from rungs during assembly and dismantling operations.

4. Open the 2 elements by rotating them slowly to enter the hinges' pivots in their holes

(fig. 2)

5. To switch to initial position, repeat operations in reverse order.

(fig. 1)

\*\*\* EU \* UNI EN 131



## 8.9 Double ladders











Certificato	COD.	ART.	目	ĥ‡	<b>/</b> ↑	$\Delta$		Ä	Kg	vol. mc
marc 108	20872	CLIMB03	3	1,45	0,70	0,80	60X20	450	4,30	0,07
marc 108	20873	CLIMB04	4	1,75	0,95	1,00	60X20	480	5,30	0,09
marc 108	20874	CLIMB05	5	2,00	1,20	1,20	60X20	510	6,30	0,11
marc 108	20875	CLIMB06	6	2,30	1,45	1,40	60X20	540	7,30	0,13
marc 108	20876	CLIMB07	7	2,60	1,70	1,60	60X20	570	8,30	0,15
marc 108	20877	CLIMB08	8	2,85	2,00	1,80	60X20	600	9,30	0,18
marc 108	20878	CLIMB09	9	3,15	2,25	2,00	60X20	630	10,30	0,20
marc 109	20879	CLIMB10	10	3,40	2,50	2,20	60X20	660	11,30	0,23



# GAUDI Aluminium climbing ladder

Certificato	COD.	ART.	目	<b>∏</b> ↑	\frac{↑}{\tau}	€m <b>⇒</b>		Ä	Kg	vol. mc
marc 122	21123	GAUDI 03	3	0,75	0,70	0,75	60X20	455	3,80	0,04
marc 122	21124	GAUDI 04	4	1,00	0,95	0,95	60X20	485	4,90	0,05
marc 122	21125	GAUDI 05	5	1,30	1,20	1,15	60X20	515	6,00	0,07
marc 122	21126	GAUDI 06	6	1,60	1,50	1,35	60X20	545	7,20	0,09
marc 122	21127	GAUDI 07	7	1,90	1,70	1,60	60X20	575	8,40	0,11
marc 122	21128	GAUDI 08	8	2,15	2,00	1,80	60X20	605	9,60	0,13
marc 91	20740	GAUDI 09	9	2,40	2,25	2,00	73X25	645	12,70	0,18
marc 91	20741	GAUDI 10	10	2,70	2,50	2,20	73X25	675	14,80	0,21
marc 92	20780	GAUDI 11	11	3,00	2,80	2,45	73X25	675	15,60	0,24
marc 92	20781	GAUDI 12	12	3,30	3,00	2,65	73X25	705	17,70	0,27



**CLIMB Evolution** 

















# PABLO Aluminium climbing ladder with platform

Certificato	COD.	ART.	目	<b> </b>		√ em⇒		Ä	Kg	vol. mc
marc 66	20706	PA03	3	0,97	0,70	0,77	60X20	460	4,50	0,04
marc 66	20707	PA04	4	1,30	0,95	0,97	60X20	480	5,60	0,06
marc 66	20032	PA05	5	1,55	1,20	1,20	60X20	515	7,00	0,08
marc 66	20033	PA06	6	1,80	1,50	1,40	60X20	545	8,00	0,10
marc 66	20034	PA07	7	2,10	1,75	1,60	60X20	575	9,30	0,12
marc 66	20035	PA08	8	2,40	2,00	1,80	60X20	600	10,50	0,13
marc 66	20708	PA09	9	2,70	2,30	1,95	60X20	634	11,70	0,15
marc 66	20036	PA10	10	2,95	2,55	2,20	60X20	664	13,00	0,18



# RAPHAEL Aluminium climbing ladder

Certificato	COD.	ART.	Ħ	<b>I</b> I↑ €		$\bigwedge$		Ä	Kg
marc 65	20661	RA05	5	1,50	1,30	1,15	60X20	520	6,30
marc 65	20037	RA06	6	1,80	1,55	1,40	60X20	560	6,50
marc 65	20038	RA07	7	2,10	1,80	1,60	60X20	590	8,70
marc 65	20039	RA08	8	2,40	2,10	1,80	60X20	620	10,00
marc 65	20662	RA09	9	2,60	2,35	1,90	60X20	640	11,30
marc 65	20663	RA10	10	2,90	2,60	2,10	60X20	670	12,50





















# CASTELLO EU Double ladder at a platform ramp and railing

Certificato	COD.	ART.	目	<b>[</b> ↑	<b>/</b> ↑	<b>∐</b>	<u></u>	Kg
marc 112	21197	CASTELLO EU 03	3	0,77	1,05	800	0,820	14,60
marc 112	21057	CASTELLO EU 04	4	2,20	1,05	800	1,170	16,00
marc 112	21058	CASTELLO EU 05	5	2,30	1,30	800	1,350	17,50
marc 112	21059	CASTELLO EU 06	6	2,58	1,55	800	1,530	19,50
marc 112	21060	CASTELLO EU 07	7	2,86	1,80	800	1,700	21,00
marc 112	21061	CASTELLO EU 08	8	3,14	2,07	800	1,880	22,50
marc 112	21085	CASTELLO EU 09	9	3,25	2,35	1000	2,009	25,00
marc 112	21086	CASTELLO EU 10	10	3,45	2,60	1000	2,188	28,00
marc 112	21087	CASTELLO EU 11	11	4,00	2,85	1000	2,368	31,00



- Place the ladder with the climbing trunk lean on the ground and remove the packing
- 2. Rotate the tool box **A** until the locking hole coincides and secure it using a M60x40 screw with washers and self-locking nut on each upright
- 3. Rotate the two wheels **B**, with the bracket fastened to the support trunk, until the bracket hole coincides with the trunk hole and then secure in by the M6x40 screw with the supplied keys.
- 4. Insert and fix the stabilizer base B to the trunk using the M6x70 screws, and to the climbing trunk using the M6x90 screws
- a. When is mounting a CASTELLO 9-10-11, fasten the L = 1000mm stabilizer base to the trunk using the M6x70 screws and secure the bracing plate to the trunk using the M6x40 screws, washer and M6 self-locking nut.
- 5. Insert the handrails, making sure that the bent part **C** is inserted into the tool box support and then fix the bracket **D** to the upright using the M6x40 screws (N.2 screws for mounting)
- 6. Open the ladder until all the way down to the platform, unscrew the knob E with M8 E screw from the side arm secured along the supporting trunk, and secure it using the same knob in the threaded insert present in the climbing trunk F, blocking the ladder in its operating position. Repeat the operation for the other arm.
- 7. To store the ladder do step 6 in reverse way















# FORTEZZA Movable ladder with platform

Certificato	COD.	ART.	目	[↑ E	<b>/</b> ↑	Ä	<del>_</del> <del>−</del>	Kg
marc 137	21369	FORTEZZA03	3	2,00	0,75	800	1,293	31,00
marc 137	20467	FORTEZZA04	4	2,30	1,00	800	1,417	33,00
marc 137	20468	FORTEZZA05	5	2,57	1,20	800	1,567	35,00
marc 136	20469	FORTEZZA06	6	2,85	1,45	1000	1,718	37,50
marc 136	20470	FORTEZZA07	7	3,13	1,70	1000	1,868	39,50
marc 136	20471	FORTEZZA08	8	3,41	1,95	1000	2,019	41,00
marc 136	20472	FORTEZZA09	9	3,69	2,20	1000	2,169	43,00
marc 136	20473	FORTEZZA10	10	3,97	2,40	1000	2,320	44,50
marc 135*	20474	FORTEZZA11	11	4,25	2,70	1200	2,470	49,00
marc 135*	20475	FORTEZZA12	12	4,53	2,90	1200	2,621	51,50
marc 135*	20476	FORTEZZA13	13	4,81	3,15	1200	2,771	54,00



#### NB:

- \*EN 131-7 certified ladder only for indoor use.
- The ladder must be assembled in right position, that is, with the steps in horizontal position and fully open.
- Anti-opener devices must be completely blocked before use.
- The stabilizer bar must be Mandatory installed on the support trunk ladder.





#### Phase 1

- (fig. 1) Place the ladder with the climbing trunk lean on the ground and remove the packing
- 2. **(fig. 2)** insert the base into the black plastic insert, within the lower extremities of the first trunk taking care to keep the wheels turned Up, lock with the 2 screws M6x70 + nuts self-locking using 2 keys supplied
- 3. **(fig. 3)** insert the storage tratool box at the top of the climbing trunk and lock it with the 2 M6x40 screws + self-locking nuts.

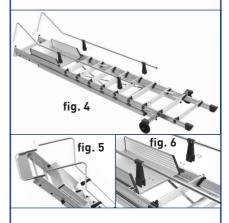
# fig. 1

#### Phase 2

 (fig. 4) turn the ladder up with the climbing trunk Up, always leaving it on the floor.

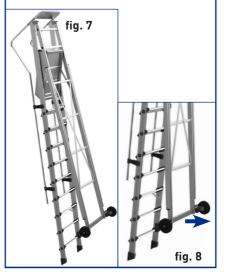
Insert the handrails (**fig. 5**) on the top in the seats at the end of the climbing trunk and at the bottom and in the middle position by placing the plastic supports (**fig. 6**) at the corresponding holes on the climbing trunk.

Secure the two M6x40 + self-locking nuts and each support with 2 screws M6x40 + self-locking nuts, taking care to position the handrail rivets heads, in the internal side of the ladder.



#### Phase 3

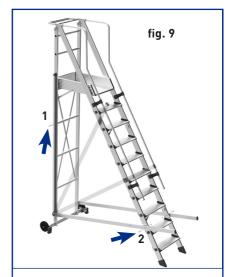
- 1. (fig. 7) Lift the ladder and place it on the wall with the climbing trunk facing the wall.
- 2. **(fig. 8)** to grab the support trunk and pull it towards itself, the ladder, by the hinges, open the ladder until all the way down to the platform, hold the support trunk to the ground.



#### Phase 4

 (fig. 9) Remove the upper screw that secures the lateral arm (1) to the back trunk, turn the arm down until the hole coincides with the one on the upright of the climbing trunk, Immediately above the second step from below (2); with the same screw removed and using the self-locking washer and nut provided fasten the arm to the upright of the climbing trunk. Repeat the same operation for the other arm.

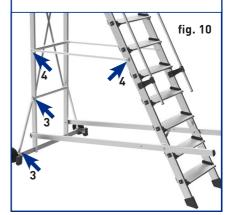
For FORTEZZA models 3-4-5-6-7-8-9-10 the mounting operations are completed and the scale is ready for use



For FORTEZZA model 11-12-13 continue according to the following instructions:

#### Phase 5

1. (fig. 10) Fit the 2 bars (3) in aluminum D = 25 mm pipe having the bladings end rotated 90 ° relative to one another, between the base of the ladder, with M8x40 screws + self-locking nuts, and the support trunk upright at the cross with the threaded ends at the ends, with M8x40 screws. Assembly the 2 bars (4) in aluminum D = 25 mm pipe, having the end blades on the same plane, between the hole on the climbing trunk, using M8x40 + self-locking nuts and the threaded plastic plugs of the trunk by M8x40 screws.













## 9. ACCESSORIES / OPTIONALS

## 9.1 Pole-rest (fig. 1)

The pole-rest is already assembled on the ladder, complete with a belt. Realized in galvanized steel, V-shaped, with inside roller covered in PVC for sliding movement. It is equipped with two upper hooks to anchor the hook belt to the pole and with two wheels for sliding movement.



## 9.2 Break bend (fig. 2)

Reduces the oscillations in case of extended ladders. Consists of galvanized steel pipes with two hooks for the rung anchorage at one end and two plastic feet for the wall leaning at the other end. When hooked to the rung, through a spring-clip it is secured to the upper rung.



## 9.3 Spacer (fig. 3)

Outdistances the upper end of the ladder from the wall (ex. Under eaves). Consists of galvanized steel pipes with two hooks for the anchorage to the last but one rung at one end and two plastic feet for the wall leaning at the other end.



## 9.4 Adjustable base (fig. 4)

Compensates differences in height on the ground. It is assembled at the lower end of the 1st element, in place of the normal base. Supplied with two non-slip plastic feet. One of them is connected to a screw with a grip. Rotating the screw, the foot moves in vertical direction and compensates differences in height on the ground.





## 10. PICTOGRAMS



Read the instructions



Maximum load



Ladder extension above the landing point



Correct erection angle



Visual inspection before use



Max height of use



Ensure standing ladder is fully opened before use



Erect on a firm base



Do not step off the side of a ladder



Ensure ground is free from contaminants



Do not over reach



Ensure opening restraint devices are engaged



Erect on a level base



Face ladder when ascendingor descending ladder



Onlyone person per ascendable leg of the ladder/step ladder





## 11. REGULATION REFERENCES

- D.Lgs. 09.04.2008 n° 81 (G.U. n° 101 dated 30.04.08) "Testo unico sulla salute e sicurezza sul lavoro".
- UNI EN 14183 Technical Standard ( 2007) "Stools"
- D.Lgs. 06.09.2005 n° 206 (G.U. n° 235 dated 08.10.05 Suppl. Ordinario n° 162)
   "Codice del Consumo

## 12. DECLARATION OF CONFORMITY





## **DECLARATION OF CONFORMITY**

## MARCHETTI s.r.l.

located in Città della Pieve (Perugia) Italy, st. Piemonte, 22

# **DECLARES**

- That the products listed in the instruction handbook as pursuant to D.Lgs. 09.04.2008 n°81 Art.113
- that the stools called: CLASS 02, CLASS 03, CLASSPiù 03, CLASSPiù 04, SANSONE 03, SANSONE 04 are constructed in Conformity with the Techical Norm UNI EN 14183



#### UNIVERSITA' DEGLI STUDI DI PERUGIA

**Engineering Department** 

- That all the products are equipped with an identification code and an instruction handbook that contains:
- Normative references.
- 2. The description of the product and the indication of the component elements.
- 3. The instructions for a proper use.
- 4. The instructions for the maintenance and the conservation.
- 5. General regulations regarding the safety.



MARCHETTI s.r.l. R.Marchetti Parts Washington





## 13. TECHNICAL CHARACTERISTICS

#### 13.1 Materials used

- · Upright and rungs: in extruded aluminium, finishing in anodized treatment
- Upright and rungs: in electrowelded aluminium, rectangular section with rounded corners
- Steps: mm 230x360 anti-slip
- Steps: in extruded aluminium anti-slip (large 165 mm)
- Lateral arms and back band: in galvanized steel sheet
- Feet anti-slip stoppers, spacers and skates: in polyamide
- Feet anti-slip and stoppers: in PVC
- Parapet (if present): in extruded aluminum profile with anodized treatment.
- Packing: thermo shrinkable with this handbook contains instructions for use and maintenance.

## 14. ASSEMBLY INSTRUCTIONS

#### 14.1 Class - Class Più

After removing the packaging:

- Place both hands at the center of the upper step and turn it up to the maximum of openness, avoiding touching the uprights and lateral arms.
- Put all the 4 stool feet down and verify that all the feet are fully adherent a surface.
- If the parapet is present, rotate it from the position of 180 ° and until automatic inclusion of the mechanical block. To return the parapet in the transport position, press with both hands, the devices in the parapet.

#### 14.2 Sansone

- After removing the packaging, enter the base into a black insert, located inside at the
  inferior ends of the first element's uprights. Take the 2 bolts and the 2 provided wrenches
  in a bag at the base of the ladder, embed the screws in their holes and tighten the nuts
  without forcing
- Put all the 4 stool feet down and verify that all the feet are fully adherent a surface.
- For closing up the lateral arm raise and then bring near the trunks in reverse movement to opening.

## **15. VERIFIES**

Before using the stool for the first time, make sure it is free from defects and complete with all its elements. Give timely notice to the Supplier for any deficiency.

## 16. MAINTENANCE AND CONTROL

For safety, check the condition of the product, again before use.

Deeper control on the stool: integrity of the uprights, lateral arms, back band and parapet.

Feet wear, loose hinges and cleaning steps, eliminating any presence of oil, grease, paint, etc.. After using the stool close it correctly, put it indoor preferably aerated.

Removal and recycling of the stool components: aluminum and steel for recycling, plastics parts remove from the stool and collect for reconversion of waste material.





## 17. GENERAL SECURITY NORMS

#### Summary form:

"security and health notes "portable ladders and stools" published by ISPESL:

#### Before climbing the stool:

- Verify that you are not alone (somebody should always be with you): in case of aid necessity
  or to help you in your activity;
- Use the stool in good state of health only.
- Check the safety of surroundings area where the stool is palced:
  - Windows and doors around the area must be closed;
  - Attention to areas with unprotected empty spaces, such as balconies;
  - Aluminium is not electrical isolated, therefore safety distance from electrical lines, that it must be at least 5 m:
- Poor light;
- Handle with caution the stool in order to avoid crushing fingers between folding;
- Do not put the stool in a sloping surface;
- Do not apply to the stool any other elements in order to highten it;
- Place the stool only in front of the working surface,
- Verify the surface cleanliness where stool uprights have to stay. Clean near and under stool area if there are materials that could provoke a slipping (such as water, oil spots, paint, nylon sheet etc.)
- Wear suitable shoes for climbing, that they can guarantee a perfect stability: do not climb in bear foot, with slippers, with high-heeled shoes or sandals
- Do not climb with not suitable clothes (such as dressing-grown), particular belt with shoelaces, which can entangle or go under shoes;
- Check the max weight (capacity) allowed on the stool, do not exceed it;
- Ensure to have a safe catching near by the stool when you start climbing;
- Put always both feet in the same step;
- Do not lean out of the stool laterally
- Each time only one person can use the stool;
- Do not overload the stool with too many tolls, because stool could slipping down;
- Do not climb with heavy or bulky materials; in case of tool using it is necessary to have a tool-bag hooked to the belt.
- Climb only on the correct side with steps.
- Stay stand on the stool only for short period and remember to break up with rest, but not on the stool;
- Do not allow children to use the stool:















# CLASS Aluminium stool

COD.	ART.	Ħ	ţ E	<b>-</b>	<b>1</b>	-mm>	Kg	vol. mc
20519	CLASS02	2	0,8	0,46	0,50	490	4,50	0,03
20520	CLASS03	3	1,12	0,69	0,75	497	6,50	0,04
20521	CLASS04	4	1,43	0,92	1,00	515	8,00	0,05



# CLASS Più Aluminium stool with parapet

COD.	ART.	Ħ	<b> </b>	<b>-</b>	<b>1</b>	-mm	Kg	vol. mc
20523	CLASS PIU 03	3	1,12	0,69	0,75	497	7,90	0,04
20524	CLASS PIU 04	4	1,43	0,92	1,00	515	9,40	0,05



# SANSONE Welded aluminium stool

COD.	ART.	Ħ	<b>I</b> I↑ E	<b>7</b>	<b>*</b>	-mm≽	Kg	vol. mc
20704	SANSONE 3	3	0,90	0,73	0,72	800	8,50	0,12
20524	SANSONE 4	4	1,18	0,97	0,90	800	9,80	0,15







# **REVIEWS**

Model of ladder
Revision of
Check number of components. Cleaning of components Integrity of uprights and steps or rungs Integrity of weldings Wear of the non-slip feet Integrity of safety devices, slider and coupling Connection upright-rung Welding integrity, Integrity of instruction manual when is present Integrity of labels with identification marks  Encountered anomalies
Discarded items to be replaced
Observations

Safety Officer (Name in full)

Safety Officer (Signature)



# **REVIEWS**

Model of ladder
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