European norm EN 131
D.Lgs 09.04.2008 n°81

MARCHETTI

www.marchetti.eu

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

PORTABLE LADDERS

Handbook written in conformity to EN 131 norm part 3
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.Lgs.09.04.2008 n°81.

DOC. CUSTOMER ASSISTANCE N. 8 REV. 9 DEL 18.05.2020

10274

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

TABLE OF CONTENTS

Legend

EN 131 european norm

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

D.Lgs.81/2008
ART .113

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

D.Lgs.206/2005
ART.2- consumator i

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

Kg

Total load permitted.

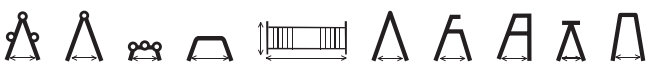
Table Pictograms

Rungs/steps N.

Platform Height

Extended height

Width



Overall dimensions

Max Height close

Max Height open

Thickness close

Height max by support

Upright Section

Weight

Volume mc

Ø

Diameter

1. REGULATION REFERENCES

- D.Lgs. 09.04.2008 n° 81 (G.U. n° 101 del 30.04.08) "Testo unico sulla salute e sicurezza sul lavoro".
- EN 131 Technical Standard "Portable ladders" parts 1°- 2° - 3° - 4° - 7°
- D.Lgs. 06.09.2005 n° 206 (G.U. n° 235 del 08.10.05 Suppl. Ordinario n° 162) "Codice del Consumo".

2. DECLARATION OF CONFORMITY

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DECLARATION OF CONFORMITY

MARCHETTI s.r.l.

con sede in Città della Pieve (Perugia) Italia, via Piemonte, 22

DECLARES

- That the products listed in the instruction handbook as pursuant to D.Lgs. 09.04.2008 n° 81 Art.113 and the ladders marked with the European symbol are manufactured in compliance with the norm EN 131 and related parts 1 - 2 - 3 - 4 - 7
- The tests were performed by:
  UNIVERSITY DEGLI STUDI DI PERUGIA
  Engineering department.
- Ladder for professional use.

100% GUARANTEE SATISFACTION

MARCHETTI s.r.l.

3. USER'S INSTRUCTION BEFORE USE

1.Do not use the ladder if you are not fit enough. Certain medical conditions or medication, alcohol or drug abuse could make ladder use unsafe.

2.Prevent damage of the ladder when transporting e.g. by fastening and, ensure they are suitably placed to prevent damage.

3.Ensure the ladder is suitable for the task.

4.Check the number of components

5.Check that the stiles/legs, (uprights),safety devices, sliding and platform (if present), are not bent, bowed, twisted, dented, cracked or corroded.

6.Check the absence of oxidized areas, dirty with oil, paint, snow or mud.

7.Check the anti-slip feet for wear.

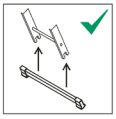
8.Check the integrity of connection upright - rung.

9.For professional use a risk assessment shall be carried out respecting the legislation in the country of use.

10.If one of the listed checks is not satisfactory, do not use the ladder for any reason.

11.When positioning the ladder take into account risk of collision with the ladder e.g. from pedestrians, vehicles or doors. Secure doors (not fire exits) and windows where possible in the work area.

4. USING THE LADDER

	Warning, fall from the ladder.		Maximum total load. (150 kg)
	Refer to instruction manual/booklet.		Maximum number of users.
	Inspect the ladder after delivery. Before every use visually check the ladder is not damaged and is safe to use.Do not use a damaged ladder.		Do not use the ladder on a unlevel or unfirm base.
	Do not overreach.		Do not wear unsuitable footwear when climbing a ladder.
	If a ladder is delivered with stabilizer bars and these bars should be fixed by the user before the first use this shall be described on the ladder and in the user instruction.		Ladder for professional use.

	Do not ascend or descend unless you are facing the ladder.		Do not use the ladder as a bridge.
	Do not erect ladder on contaminated ground.		Do not spend long periods on a ladder without regular breaks (tiredness is a risk).
	Keep a secure grip on the ladder when ascending and descending. Maintain a handhold whilst working from a ladder or take additional safety precautions if you cannot.		Do not use the ladder outside in adverse weather conditions, such as strong wind.
	Avoid work that imposes a sideways load on ladders, such as side-on drilling through solid materials.		Identify any electrical risks in the work area, such as overhead lines or other exposed electrical equipment and do not use the ladder where electrical risks occur.
	Do not carry equipment which is heavy or difficult to handle while using a ladder.		Do not move a ladder while standing on it.

5. REPAIR - MAINTENANCE

1.Only the manufacturer is allowed to make reparations, in order to avoid loss of certification of validity.

2. Only use original components in case of replacement.

3.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.

4.Do not modify the ladder design.

6. WARRANTY

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.

7. LEANING LADDERS

Regulation references

EN 131, 1-2-3 european norm

D.Lgs.81/2008
ART .113

D.Lgs.206/2005
ART.2- consumator I

Kg Max 150

Use of the ladder

	Leaning ladders with rungs shall be used at the correct angle.		Do not lean the ladder against unsuitable surfaces.
	Leaning ladders with steps shall be used that the steps are in a horizontal position.		Do not stand on the top three steps/ rungs of a leaning ladder.
	Ladders used for access to a higher level shall be extended at least 1 m above the landing point and secured, if necessary.		Ladder shall never be moved from the top.
	Only use the ladder in the direction as indicated, only if necessary due to design of ladder.		

In case of:

HANDRAIL: Fit as shown in figure A.

BASE: Insert and fix the base as shown in figure B

BRACKETS: Apply as shown in figure C. Fix the bracket to the landing surface and drill the ladder to the desired height at the holes in the bracket.

SUPPLIED: screws, self-locking nuts and assembly keys.

A1 Aluminium simple ladder with rungs (30 mm)

Certificato/Certificate - Marc 45 del 18/12/00

COD.	ART.		E	E	mm	mm	Kg	vol. mc
20648	A107	7	2,16	2,00	60X25	430	3,40	0,05
20000	A108	8	2,45	2,30	60X25	430	3,90	0,06
20001	A110	10	2,99	2,82	60X25	430	5,00	0,08
20002	A112	12	3,60	3,35	60X25	430	5,90	0,09
20003	A114	14	4,10	3,87	60X25	430	6,60	0,11
20004	A115	15	4,40	4,15	73X25	430	7,70	0,14
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/Certificate - Marc 130 18/05/2016 - Marc 131 18/05/16

COD.	ART.		E	E	mm	mm	mm	Kg	vol. mc
21350	A112 +	12	3,60	3,37	60X25	430	800	6,55	0,09
21351	A114 +	14	4,10	3,89	60X25	430	900	7,50	0,11
21352	A115 +	15	4,40	4,17	73X25	430	900	8,70	0,14
21353	A117 +	17	5,00	4,69	73X25	430	1000	9,70	0,16

ED1 Aluminium simple ladder with rungs (30 mm)

COD.	ART.		E	E	mm	mm	Kg	vol. mc
20331	ED108	8	2,45	2,30	60X25	360	3,80	0,05
20332	ED110	10	3,00	2,82	60X25	360	4,70	0,06
20333	ED112	12	3,60	3,35	60X25	360	5,50	0,07
20334	ED114	14	4,10	3,87	60X25	360	6,40	0,08
20335	ED115	15	4,40	4,15	73X25	360	7,30	0,11
20336	ED117	17	5,00	4,67	73X25	360	8,20	0,12

AL Aluminium simple ladder with comfort rungs - (50 mm)

Certificato/Certificate - Marc 57 23/09/02

COD.	ART.		E	E	mm	mm	Kg	vol. mc
20477	AL108	8	2,45	2,30	60X25	430	4,80	0,06
20478	AL110	10	2,99	2,82	60X25	430	5,40	0,08
20479	AL112	12	3,60	3,35	60X25	430	6,50	0,09
20480	AL114	14	4,10	3,87	60X25	430	7,50	0,11
20481	AL115	15	4,40	4,15	73X25	430	8,80	0,14
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/Certificate - Marc 132 18/05/16 - Marc 133 18/05/16

COD.	ART.		E	E	mm	mm	mm	Kg	vol. mc
21346	AL112 +	12	3,60	3,35	60X25	430	800	6,50	0,09
21347	AL114 +	14	4,10	3,87	60X25	430	900	7,50	0,11
21348	AL115 +	15	4,40	4,15	73X25	430	900	8,80	0,14
21349	AL117 +	17	5,00	4,67	73X25	430	1000	10,10	0,16

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

COD.	ART.		E	E	mm	mm	Kg	vol. mc
20483	AGRIL10	10	3,00	2,82	60X25	510	5,60	0,09
20484	AGRIL12	12	3,60	3,35	60X25	550	6,70	0,10
20485	AGRIL14	14	4,10	3,87	60X25	580	7,80	0,14
20486	AGRIL15	15	4,40	4,15	73X25	600	9,10	0,19
20487	AGRIL17	17	5,00	4,67	73X25	630	10,30	0,23

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

COD.	ART.		E	E	mm	mm	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

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

COD.	ART.		E	E	mm	mm	mm	Kg	vol. mc
20536	SPECIALPIÙ06	6	3,00	1,69	1115	84X25	650	12,00	0,14
20537	SPECIALPIÙ08	8	3,57	2,17	1395	84X25	650	15,50	0,17
20538	SPECIALPIÙ10	10	4,13	2,66	1675	84X25	650	18,70	0,19
20539	SPECIALPIÙ12	12	4,69	3,14	1955	84X25	650	22,20	0,22
20540	SPECIALPIÙ13	13	4,97	3,38	2095	84X25	650	24,00	0,24
20541	SPECIALPIÙ14	14	5,25	3,63	2235	84X25	650	26,00	0,25
20542	SPECIALPIÙ15	15	5,53	3,87	2375	84X25	650	27,30	0,26

AS1 Aluminium simple ladder by support with steps (165 mm) handrail and extension upright

COD.	ART.		E	E	mm	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

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

COD.	ART.							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

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

Certificato/Certificate - Marc 31 14/09/00 - Marc 134 18/05/16

COD.	ART.							Kg	vol. mc
20052	BIBLIO06	6	1,95	60X25	1,75	430	NO	4,90	0,15
20053	BIBLIO08	8	2,50	60X25	2,30	430	NO	6,10	0,19
20054	BIBLIO10	10	3,05	60X25	2,80	430	NO	7,80	0,23
20055	BIBLIO12	12	3,60	60X25	3,35	430	1000	10,20	0,27
20056	BIBLIO13	13	3,85	60X25	3,60	430	1000	10,70	0,30

ATTENTION:
use only with rubber
feet against the wall.

8. COMBINATION LADDERS 2, 3 AND 4 SECTION

Regulation references

EN 131, 1-2-3 european norm

D.Lgs.81/2008 ART .113

D.Lgs.206/2005 ART.2- consumator I

Kg Max 150

Use of the ladder

 Locking devices shall be checked and be fully secured before use if not operated automatically.	 When used in the standing ladder position with extending ladder at the top, do not climb on the top four steps/ rungs.
 Open the ladder fully before use.	 Do not step off the side of standing ladder onto another surface.
 Ladders used for access to a higher level shall be extended at least 1 m above the landing point and secured, if necessary.	 Do not lean the ladder against unsuitable surfaces.
 Leaning ladders with rungs shall be used at the correct angle.	 Non sostare sui due gradini/pioli più alti di una scala doppia senza piattaforma e guardacorpo.

Assembly instructions

BASE: Insert and fix the base as shown in figure A

- Extended position:

1 Place the ladder to the wall. 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.

3. Make sure the stop hooks (fig. C) are correctly inserted in the rung of the trunk below.

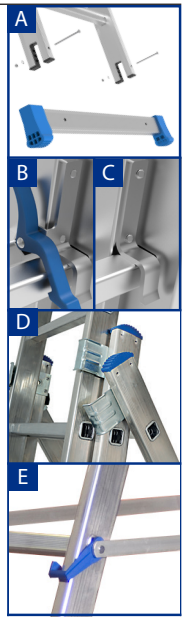
4. To achieve the desired quote, repeat the above steps for all ladder trunks, according to the model in your hands.

- 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 anti-opening 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.



AZZURRA 2 Aluminium transformable ladder Azzurra 2 elements

Certificato/Certificate
Marc 09 30/08/00 - Marc 74 04/03/05 - Marc123 09/09/13

COD.	ART.									vol. mc
21117	A207	7+7	2,20	3,40	3,60	2,00	60X25	800	10,00	0,10
21118	A208	8+8	2,50	3,90	4,15	2,30	60X25	900	10,70	0,15
21119	A210	10+10	3,00	5,00	5,30	2,85	73X25	1000	13,50	0,19
21120	A212	12+12	3,60	6,00	6,40	3,35	84X25	1200	17,50	0,24
21121	A213	13+13	3,90	6,50	6,70	3,60	84X25	1200	20,00	0,30

ORANGE 2 Aluminium transformable ladder Orange 2 elements

Certificato/Certificate
Marc 116 15/04/13 - Marc 117 15/04/13

COD.	ART.									vol. mc
21043	OR207	7+7	2,00	3,20	3,40	1,90	60X25	800	8,10	0,10
21044	OR209	9+9	2,60	4,00	4,30	2,40	60X25	900	9,88	0,15
21045	OR211	11+11	3,15	5,00	5,40	2,95	73X25	1000	12,88	0,20

AZZURRA 3 Aluminium transformable ladder Azzurra 3 elements

Certificato/Certificate
Marc 124 09/09/13 - Marc 125 09/09/13 - Marc 126 09/09/13

COD.	ART.									vol. mc
21112	A307	7+7+7	2,20	4,70	5,00	2,00	73X25	900	15,40	0,19
21113	A308	8+8+8	2,50	5,50	5,85	2,30	73X25	1000	16,70	0,24
21114	A310	10+10+10	3,00	7,10	7,55	2,85	84X25	1200	22,20	0,33
21115	A312	12+12+12	3,60	8,10	8,65	3,35	84X25	1300	29,00	0,40
21116	A313	13+13+13	3,90	8,65	9,20	3,65	84X25	1300	31,00	0,43

ORANGE 3 Aluminium trasformable ladder Orange 3 elements

Certificato/Certificate
Marc 113 15/04/13 - Marc 114 15/04/13 - Marc 115 15/04/13

COD.	ART.						mm		Kg	vol. mc
21046	OR307	7+7+7	2,00	4,00	4,25	1,90	60X25	800	11,80	0,14
21047	OR309	9+9+9	2,60	5,30	5,65	2,40	73X25	1000	15,90	0,20
21048	OR311	11+11+11	3,15	6,60	7,05	2,95	84X25	1100	20,40	0,29
21049	OR312	12+12+12	3,40	7,15	7,60	3,25	84X25	1200	22,00	0,31
21460	OR313	13+13+13	3,70	8,47	9,02	3,54	84X25	1300	31,00	0,34

IT 4 Transformable ladders 4 elements

COD.	ART.						mm		Kg	vol. mc
21195	IT412	12+12+12+12	3,60	10,20	10,90	3,35	84X25	800	38,50	0,57
21196	IT413	13+13+13+13	3,90	11,30	12,00	3,60	84X25	800	39,50	0,61

9. EXTENDED LADDER WITH ROPE

Regulation references

EU EN 131, 1-2-3 european norm

D.Lgs.81/2008 ART .113

D.Lgs.206/2005 ART.2- consumator I

Kg Max 150

Use of the ladder

Locking devices shall be checked and be fully secured before use if not operated automatically.

Do not step off the side of standing ladder onto another surface.

Ladders used for access to a higher level shall be extended at least 1 m above the landing point and secured, if necessary.

Do not lean the ladder against unsuitable surfaces.

Leaning ladders with rungs shall be used at the correct angle.

Assembly instructions

BASE: Insert and fix the base as shown in figure A

1) 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.

3) Hold the side rope and pull it down.

4) Reach the required height making sure that the hooking device

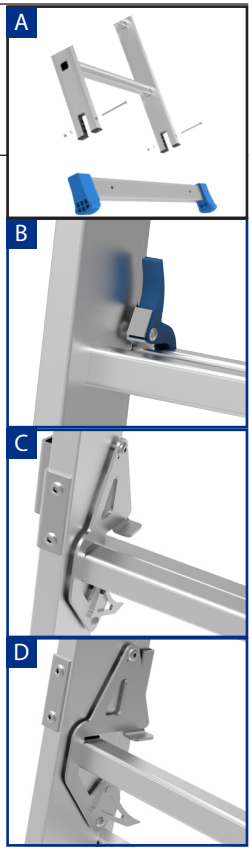
(Fig. C) slightly overrides the rung of the first trunk.

5) Gently lower the device to hook the rung releasing the rope.

6) To close the ladder, lift it by pulling the rope until the clamping device overcome completely the rung, then gently release the rope. Fig. (D)

7) 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.



AZZURRA AC 3 Extended ladder with rope 3 section

Certificato/Certificate
Marc 127 09/09/13 - Marc 138 02/02/17

COD.	ART.									vol. mc
21192	AC310	10+10+10	3,00	7,10	7,50	NO	84X25	1100	25,30	0,33
21193	AC312	12+12+12	3,60	8,15	8,65	NO	84X25	1300	30,00	0,40
21194	AC313	13+13+13	3,90	8,70	9,20	NO	84X25	1300	33,00	0,43

10. MULTI-HINGE JOINT LADDERS

Regulation references

EU EN 131, 1-2-3-4 european norm

D.Lgs.81/2008 ART .113

D.Lgs.206/2005 ART.2- consumator I

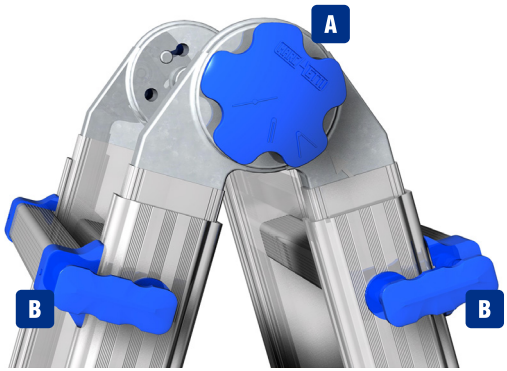
Kg Max 150

Use of the ladder

	Open the ladder fully before use.		Leaning ladders with rungs shall be used at the correct angle.
	Ladder shall never be moved from the top.		Do not stand on the top three steps/ rungs of a leaning ladder.
	Do not step off the side of standing ladder onto another surface.		Ladders used for access to a higher level shall be extended at least 1 m above the landing point and secured, if necessary.
	Do not stand on the top two steps/ rungs of a standing ladder without a platform and a hand/knee rail.		Do not lean the ladder against unsuitable surfaces.

Assembly instructions

- 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.



EQUIPE Aluminium multi-hinge telescopic ladder

Certificato/Certificate
Marc 129 11/12/15 - Marc 139 02/03/17

COD.	ART.									vol. mc
20431	EQU33	6+6	1,00	2,80	2,95	1,45	0,90	482	10,00	0,09
20710	EQU34	7+7	1,30	3,30	3,50	1,75	1,16	482	10,90	0,10
20029	EQU44	8+8	1,30	3,80	4,10	1,95	1,32	556	12,55	0,12
20030	EQU45	9+9	1,55	4,35	4,65	2,25	1,48	556	13,45	0,14
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

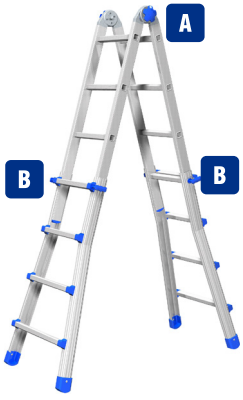
EQUIPE ROLLING Aluminium multi-hinge telescopic ladder with wheels.

Certificato/Certificate
Marc 129 11/12/15 - Marc 139 02/03/17

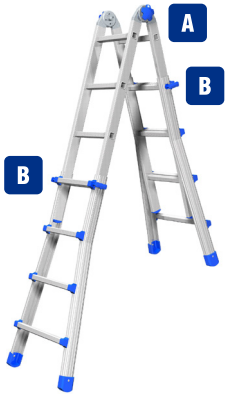
COD.	ART.									vol. mc
21295	EQUR44	8+8	1,30	3,80	4,10	1,95	1,32	556	12,55	0,12
21296	EQUR45	9+9	1,55	4,35	4,65	2,25	1,48	556	13,45	0,14
21297	EQUR55	10+10	1,55	4,90	5,20	2,50	1,66	629	14,75	0,15
21298	EQUR66	12+12	1,83	5,95	6,30	3,05	1,98	701	17,55	0,20

(fig. 1)

(fig. 2)



(fig. 3)



(fig. 4)

FORMA Aluminium multi-hinge ladder

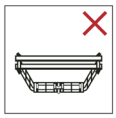
Regulation references

D.Lgs.81/2008
ART .113

D.Lgs.206/2005
ART.2- consumator I

Kg Max 120

Use of the ladder



Prohibited positions

Ensure that the hinges are locked.

Single or multiple joint ladders should be unfolded/folded when lying on the ground and not in its use position

COD.	ART.													
			m	m	m	m	m	m	m	m	mm	mm	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

(fig. 1)

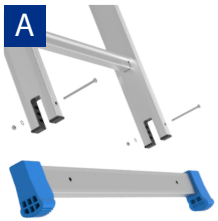
(fig. 2)

(fig. 3)

(fig. 4)

Assembly instructions

BASE: Insert and fix the base as shown in figure A



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.

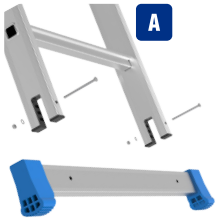
DUO Aluminium multi-hinge ladder

COD.	ART.									Kg	vol. mc
20672	DUO05	5+5	1,55	2,82	3,00	1,48	0,99	380	680	7,70	0,08
20673	DUO06	6+6	1,83	3,35	3,56	1,74	1,17	380	680	8,56	0,10
20674	DUO07	7+7	2,11	3,87	4,12	2,00	1,34	380	680	9,42	0,11

Assembly instructions

BASE: Insert and fix the base as shown in figure A
Ladder can assume 3 positions: closed (fig. 1), extended (fig. 2), double (fig. 3)

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


(fig. 1)


(fig. 2)


(fig. 3)

11. STANDING LADDERS

Regulation references

EN 131, 1-2-3 european norm

D.Lgs.81/2008 ART .113

D.Lgs.206/2005 ART.2- consumator i

Kg Max 150

Use of the ladder

Open the ladder fully before use.

Do not stand on the top two steps/ rungs of a standing ladder without a platform and a hand/knee rail.

Standing ladders shall not be used as a leaning ladder unless it is designed to do so.

Use the ladder with restraint devices engaged only.

Do not step off the side of standing ladder onto another surface.

PABLO Aluminium climbing ladder with platform

Certificato/Certificate - Marc 66 08/12/03

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

RAPHAEL Aluminium climbing ladder

Certificato/Certificate - Marc 65 08/12/03

COD.	ART.		m	m	m	mm	mm	Kg
20661	RA05	5	1,50	1,30	1,15	60X20	520	6,30
20037	RA06	6	1,80	1,55	1,40	60X20	560	6,50
20038	RA07	7	2,10	1,80	1,60	60X20	590	8,70
20039	RA08	8	2,40	2,10	1,80	60X20	620	10,00
20662	RA09	9	2,60	2,35	1,90	60X20	640	11,30
20663	RA10	10	2,90	2,60	2,10	60X20	670	12,50

CLIMB Evolution Aluminium double ladder with platform and parapet

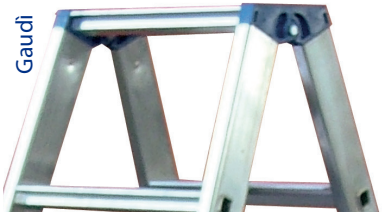
Certificato/Certificate
Marc 109 04/11/10

COD.	ART.								
20872	CLIMB03	3	1,45	0,70	0,80	60X20	450	4,30	0,07
20873	CLIMB04	4	1,75	0,95	1,00	60X20	480	5,30	0,09
20874	CLIMB05	5	2,00	1,20	1,20	60X20	510	6,30	0,11
20875	CLIMB06	6	2,30	1,45	1,40	60X20	540	7,30	0,13
20876	CLIMB07	7	2,60	1,70	1,60	60X20	570	8,30	0,15
20877	CLIMB08	8	2,85	2,00	1,80	60X20	600	9,30	0,18
20878	CLIMB09	9	3,15	2,25	2,00	60X20	630	10,30	0,20
20879	CLIMB10	10	3,40	2,50	2,20	60X20	660	11,30	0,23

GAUDÌ Aluminium climbing ladder

Certificato/Certificate
Marc 91 07/10/08 - Marc 92 07/10/08 - Marc 122 09/09/13

COD.	ART.								
21123	GAUDI 03	3	0,75	0,70	0,75	60X20	455	3,80	0,04
21124	GAUDI 04	4	1,00	0,95	0,95	60X20	485	4,90	0,05
21125	GAUDI 05	5	1,30	1,20	1,15	60X20	515	6,00	0,07
21126	GAUDI 06	6	1,60	1,50	1,35	60X20	545	7,20	0,09
21127	GAUDI 07	7	1,90	1,70	1,60	60X20	575	8,40	0,11
21128	GAUDI 08	8	2,15	2,00	1,80	60X20	605	9,60	0,13
20740	GAUDI 09	9	2,40	2,25	2,00	73X25	645	12,70	0,18
20741	GAUDI 10	10	2,70	2,50	2,20	73X25	675	14,80	0,21
20780	GAUDI 11	11	3,00	2,80	2,45	73X25	675	15,60	0,24
20781	GAUDI 12	12	3,30	3,00	2,65	73X25	705	17,70	0,27

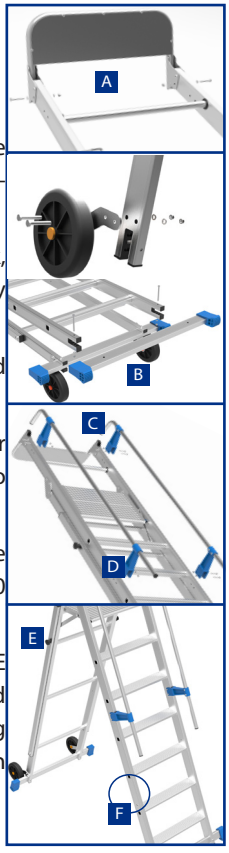


CASTELLO EU Double ladder at a platform ramp and railing

Certificato/Certificate - Marc 140 02/03/17

COD.	ART.		m	m	mm	m	Kg
21197	CASTELLO EU 03	3	1,74	0,77	800	988	14,60
21057	CASTELLO EU 04	4	2,02	1,03	800	1170	16,00
21058	CASTELLO EU 05	5	2,30	1,30	800	1350	17,50
21059	CASTELLO EU 06	6	2,58	1,55	800	1530	19,50
21060	CASTELLO EU 07	7	2,86	1,80	800	1700	21,00
21061	CASTELLO EU 08	8	3,14	2,07	800	1880	22,50
21085	CASTELLO EU 09	9	3,25	2,35	1000	2009	25,00
21086	CASTELLO EU 10	10	3,45	2,60	1000	2188	28,00
21087	CASTELLO EU 11	11	4,00	2,85	1000	2368	31,00

Assembly instructions



1. Place the ladder with the climbing trunk lean on the ground and remove the packing
2. Take the wheel with its bracket and position it in correspondence with the holes on the upright, tightening the M6x40 screws with the wrenches provided.
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

12. MOBILE LADDERS WITH PLATFORM

Regulation references

EN 131, 1-2-3-7 european norm

D.Lgs.81/2008 ART .113

D.Lgs.206/2005 ART.2- consumator i

Kg Max 150

Use of the ladder

 Use only with stabilizer (if part of the ladder).	 Fully open before use (foldable mobile platform ladders).
 Do not step off the side of the mobile platform ladder onto another surface.	 Use the ladder with restraint devices engaged only.

Assembly instructions

Phase 1

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.

Phase 2

1. (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.


fig. 1

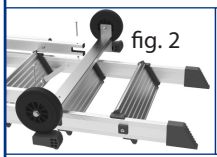


fig. 2


fig. 3

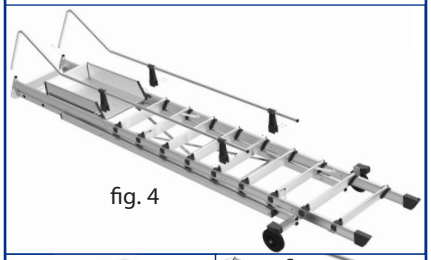


fig. 4

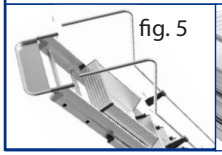


fig. 5

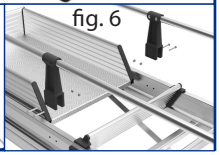
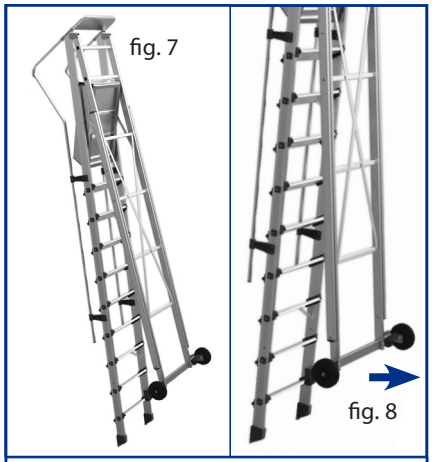


fig. 6

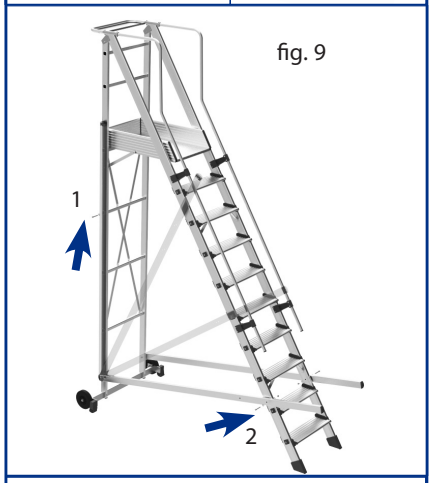
Phase 3

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.



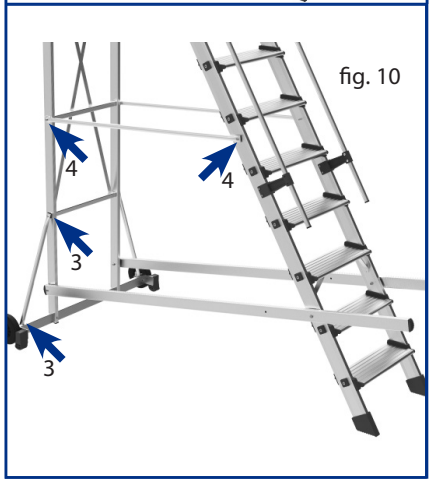
Phase 4

1. (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.



FORTEZZA Mobile ladder with platform

Certificato/Certificate
Marc 135 03/12/16 - Marc 136 03/12/16 - Marc 137 03/12/16

COD.	ART.						
21369	FORTEZZA03	3	2,00	0,75	800	1293	31,00
20467	FORTEZZA04	4	2,30	1,00	800	1417	33,00
20468	FORTEZZA05	5	2,57	1,20	800	1567	35,00
20469	FORTEZZA06	6	2,85	1,45	1000	1718	37,50
20470	FORTEZZA07	7	3,13	1,70	1000	1868	39,50
20471	FORTEZZA08	8	3,41	1,95	1000	2019	41,00
20472	FORTEZZA09	9	3,69	2,20	1000	2169	43,00
20473	FORTEZZA10	10	3,97	2,40	1000	2320	44,50
20474	FORTEZZA11*	11	4,25	2,70	1200	2470	49,00
20475	FORTEZZA12*	12	4,53	2,90	1200	2621	51,50
20476	FORTEZZA13*	13	4,81	3,15	1200	2771	54,00

* Do not use the ladder outside (if it's not designed for this use) when the platform height exceeds 2,49 m.

13. ACCESSORIES

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.

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.

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.

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.

CHECK LIST

Model of ladder_____ Revision of_____

 Make sure that the stiles don't have any bending, torsion, dent, crack, corrosion or rotten parts.

 Make sure that the stiles are in good condition near the hinges.

 Make sure that the fastening means (rivets, screws or bolts) aren't missing, loosened or corroded.

 Make sure that the rungs/treads aren't missing, loosened or that they don't present signs of wear, corrosion or damages.

 Make sure that the hinges connecting the frontal and back side of the ladder aren't damaged or loosened and that they don't present signs of corrosion.

 Make sure that the fastening device remains horizontally positioned; the stiles of the back side and the angular supports aren't missing, bended or loosened and that they don't present sings of corrosion and damages.

 Make sure that the hooking devices to the rungs aren't missing, damaged, loosened or corroded and that they correctly hook to the rungs.

Make sure that the sliding brackets aren't missing, damaged, loosened or corroded and that they correctly hook to the stile.

 Make sure that the feet aren't missing, loosened and that they don't present signs of wear, corrosion and damages.

 Make sure that the ladder is complete with all its parts without contaminant agent such as dirt, mud, paint, oil and grease.

 Make sure that the fastening stops (if provided) aren't damaged or corroded and that they correctly work.

 Make sure that the platform (if provided) isn't missing, corroded or damaged parts or fastenings.

If one of the listed checks is not satisfactory, do not use the ladder for any reason

Encountered anomalies

_____

Discarted items to be replaced

_____

Observation

_____

RSPP
Firm

CHECK LIST

Model of ladder_____ Revision of_____

 Make sure that the stiles don't have any bending, torsion, dent, crack, corrosion or rotten parts.

 Make sure that the stiles are in good condition near the hinges.

 Make sure that the fastening means (rivets, screws or bolts) aren't missing, loosened or corroded.

 Make sure that the rungs/treads aren't missing, loosened or that they don't present signs of wear, corrosion or damages.

 Make sure that the hinges connecting the frontal and back side of the ladder aren't damaged or loosened and that they don't present signs of corrosion.

 Make sure that the fastening device remains horizontally positioned; the stiles of the back side and the angular supports aren't missing, bended or loosened and that they don't present sings of corrosion and damages.

 Make sure that the hooking devices to the rungs aren't missing, damaged, loosened or corroded and that they correctly hook to the rungs.

Make sure that the sliding brackets aren't missing, damaged, loosened or corroded and that they correctly hook to the stile.

 Make sure that the feet aren't missing, loosened and that they don't present signs of wear, corrosion and damages.

 Make sure that the ladder is complete with all its parts without contaminant agent such as dirt, mud, paint, oil and grease.

 Make sure that the fastening stops (if provided) aren't damaged or corroded and that they correctly work.

 Make sure that the platform (if provided) isn't missing, corroded or damaged parts or fastenings.

If one of the listed checks is not satisfactory, do not use the ladder for any reason

Encountered anomalies

_____

Discarted items to be replaced

_____

Observation

_____

RSPP
Firm

CHECK LIST

Model of ladder_____ Revision of_____

 Make sure that the stiles don't have any bending, torsion, dent, crack, corrosion or rotten parts.

 Make sure that the stiles are in good condition near the hinges.

 Make sure that the fastening means (rivets, screws or bolts) aren't missing, loosened or corroded.

 Make sure that the rungs/treads aren't missing, loosened or that they don't present signs of wear, corrosion or damages.

 Make sure that the hinges connecting the frontal and back side of the ladder aren't damaged or loosened and that they don't present signs of corrosion.

 Make sure that the fastening device remains horizontally positioned; the stiles of the back side and the angular supports aren't missing, bended or loosened and that they don't present sings of corrosion and damages.

 Make sure that the hooking devices to the rungs aren't missing, damaged, loosened or corroded and that they correctly hook to the rungs.

Make sure that the sliding brackets aren't missing, damaged, loosened or corroded and that they correctly hook to the stile.

 Make sure that the feet aren't missing, loosened and that they don't present signs of wear, corrosion and damages.

 Make sure that the ladder is complete with all its parts without contaminant agent such as dirt, mud, paint, oil and grease.

 Make sure that the fastening stops (if provided) aren't damaged or corroded and that they correctly work.

 Make sure that the platform (if provided) isn't missing, corroded or damaged parts or fastenings.

If one of the listed checks is not satisfactory, do not use the ladder for any reason

Encountered anomalies

_____

Discarted items to be replaced

_____

Observation

_____

RSPP
Firm

MARCHETTI

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