

Stem Pedal Activated Automatic Step User Guide

For part numbers

6142 (GX-3)

6142-1

6142-2





PEDAL ACTIVATED AUTOMATIC STEP

GX-3



HANDBOOK

Congratulations for your choice!

STEM S.r.l.-unipersonale thanks you for choosing one of its products and reminds you that it is in the vanguard for emergency transportation technology.

Our company's tradition and reliability ensure the technical quality of your choice; in fact all of our products are manufactured with first quality materials and are based on criteria guaranteeing reliability, solidity, and functionality so as to satisfy the most demanding customer requirements.

Please do not hesitate to contact us for any questions, both of a technical and commercial nature; we are glad to be at your disposal for any clarification and detail.

E-mail: stem@stem.it

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1. GENERAL INFORMATION

1.1 WARNINGS

	<i>Upon reception, the purchaser must make sure that the delivered material complies with that ordered by verifying the transport papers, shipped material and ordered material.</i> <i>Furthermore, the purchaser will have to make sure that the material has not been damaged during transportation by checking the packaging integrity and the absence of breakage or deformations.</i> <i>Both the carrier and STEM have to be immediately informed of any possible anomaly. In the absence of a special agreement the goods travel at the purchaser's risk.</i>
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This technical document addresses all operators authorized to use the product: please carefully and completely read this manual prior to any operation.

STEM declines any responsibility in case of damage to people and/or objects deriving from the failure to follow all instructions contained in this manual.

STEM reserves the right to make useful technical and/or commercial modifications at any moment and without notice. Hence reported data and details may be modified and/or updated.

1.2. USED SYMBOLS

	<i>Important warnings to avoid damage to the users or to the device</i>
	<i>General information</i>

1.3 WARRANTY

Warranty terms and conditions are set in the following points unless differently agreed upon in the order confirmation.

WARRANTY OBJECT

The device has been conceived and manufactured for a multi annual use without trouble; however, should anomalies occur during the specified warranty period, STEM commits itself to replace, free of charge, parts that have broken or worn prematurely due to: defective materials, processing defect, or incorrect mounting. The warranty is not recognized for those parts whose premature wear and tear or breakage is due to:

- failure to follow the instructions contained in this use and maintenance manual;
- tampering with or modifying operations performed or required without special approval by STEM;
- use of non-original spare parts
- lack of or incorrect maintenance;
- use of unsuitable tools for routine and extraordinary maintenance;

As to mounted electric material and commercial material purchased from external vendors, STEM acknowledges the purchaser the same warranty STEM is granted by its vendors.

WARRANTY TERM

The warranty lasts **24 months from delivery date**; the term is exclusive and not subject to extensions following replacements or repairs performed during the warranty period.

APPLICATION

In order to define the causes of the anomalies and to apply the warranty terms, defective components have to be sent to STEM. Warranty repair or replacement interventions will be carried out, on STEM's decision, at its own factory, by a third party, or on-site. As to on-site interventions, the customer will be charged for the power supply cost, extraordinary equipment, ancillary staff, STEM staff travel and lodge and boarding expenses.

MATERIAL RETURN

Before shipping parts to be replaced or repaired under warranty written approval by the STEM's technical service is needed.

Defective parts have to be packed correctly to avoid damage during transportation and returned at the customer's expense accompanied by:

- serial number and model from the identification label (§ 2.1);
- code number and component position from the spare parts list;
- accurate description of the defect and of how it occurred.

Parts that are recognized under warranty are delivered carriage free; replaced parts remain the property of STEM.

EXCLUSIONS

The warranty does not include parts and material subject to ordinary wear and tear and those whose life cannot be set in advance.



The absence of the identification plate on the product implies the immediate expiry of any kind of warranty.

1.4 DECLARATION OF CONFORMITY

**S.r.l.-unipersonale**

Strada Ghiaie, 12D
43014 MEDESANO (PR)
ITALY

DECLARATION OF CONFORMITY



OBJECT	Pedal activated automatic step
MODEL	GX-3110
	GX-3110F
	GX-380
	GX-380F
	GX-360
	GX-360F

This is to certify that the above device is manufactured in compliance with the "Essential Safety and Health Requirements Relative to the Design and Construction" contained in:

- DIRECTIVE 2006/42/CE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 May 2006 on the approximation of the laws of the Member States relating to machinery
- The technical file is kept at the offices of STEM and the person authorized to compile that file is:
Gotri Ilaria

Medesano,

The Legal Representative
Menna Ezio

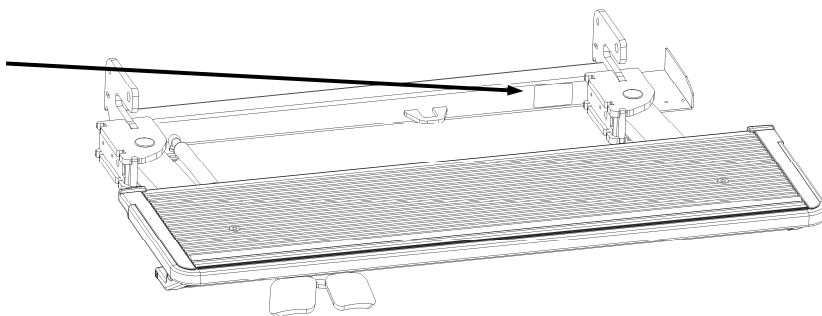


2. STEP FEATURES AND TECHNICAL DATA

2.1 IDENTIFICATION

The step is identified through an adhesive label placed on the inner wall of the fixed frame (pic. 1).

STEM Strada Ghiaie, 12D 43014 Medesano (PR) ITALY	
GX-3 PATENTED CE	
Serial N° 14 xxxxx	15 kg



Pict. 1

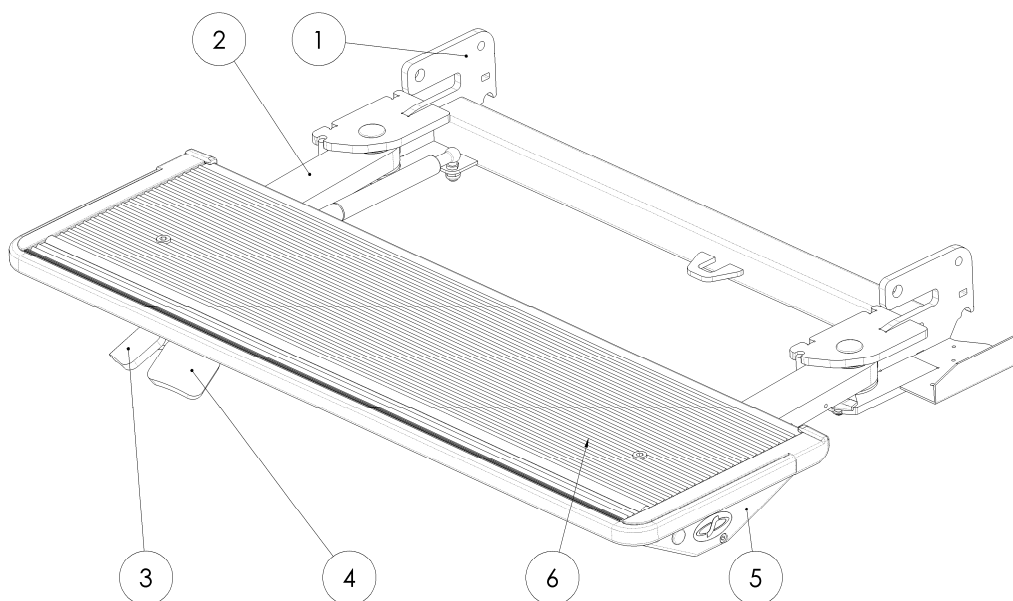


Do not remove the label. In case of damage contact STEM and ask for a duplicate. The step cannot be sold without label.

2.2 DESCRIPTION

The automatic step “GX-3” is comprised of (pict. 2):

- 1 A fixed structure connected to the vehicle's chassis (1)
- 2 A moving frame (2) activated by a pedals (3) (4)
- 3 A retractable foot board (5) with an anti-slip top layer (6)



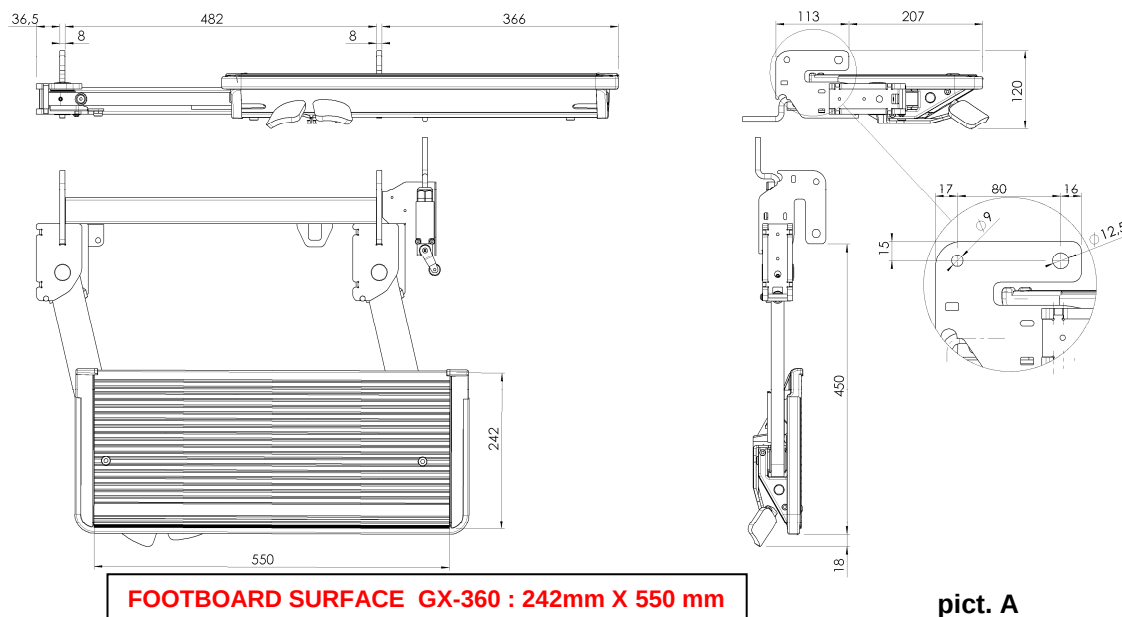
pict. 2

2.3 TECHNICAL FEATURES

MECHANICAL FEATURES

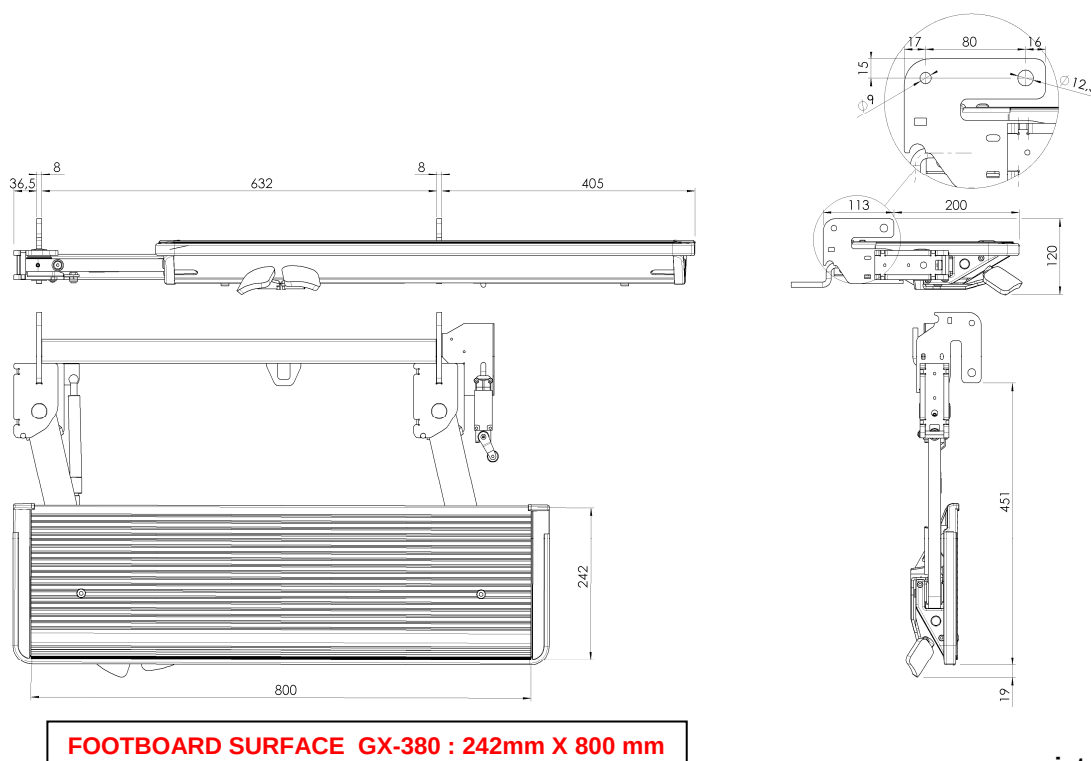
OVERALL DIMENSIONS GX-360 / GX-360F	See pict. A
OVERALL DIMENSIONS GX-380 / GX-380F	See pict. B
OVERALL DIMENSIONS GX-3110 / GX-3110F	See pict. C
WEIGHT	15 kg
CYCLE TIME	~ 1 s
MAXIMUM CAPACITY	300 kg

GX-360 / GX-360F

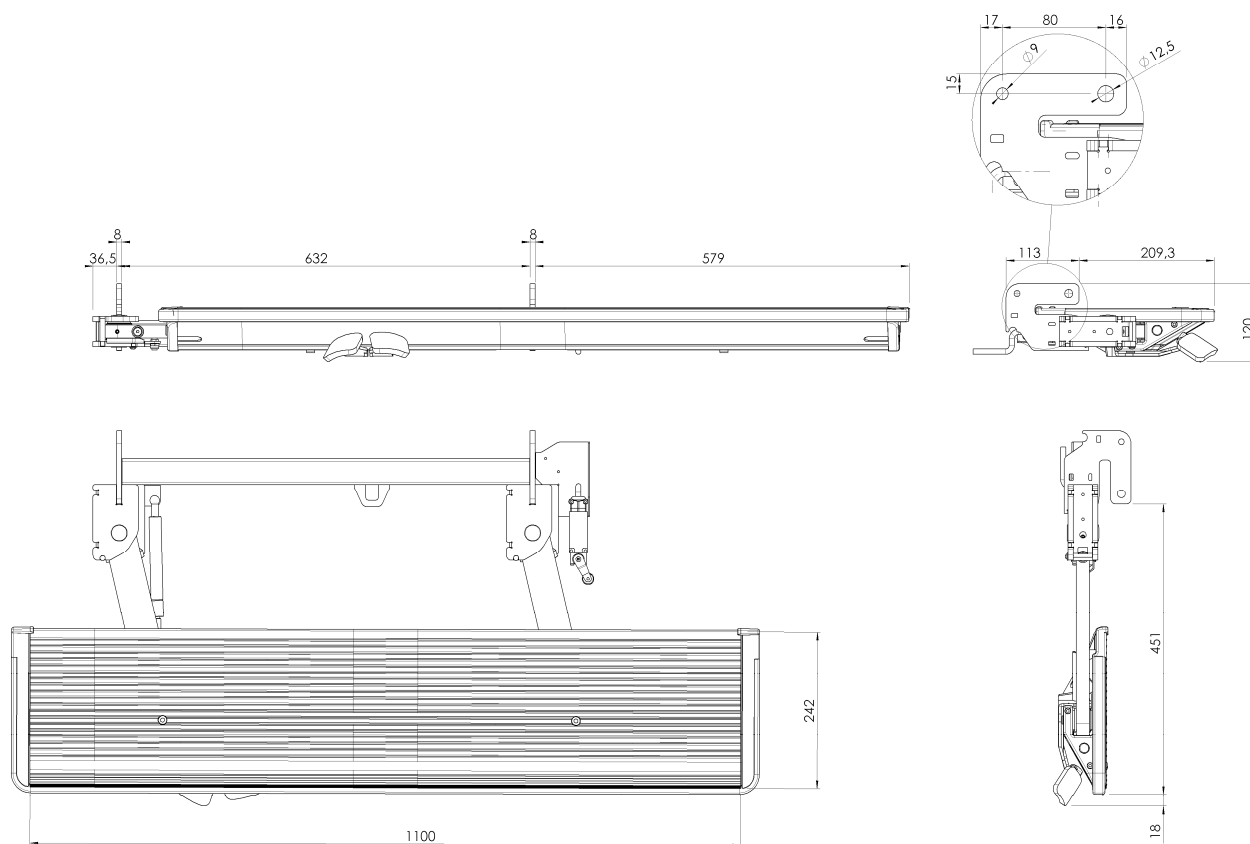


pict. A

GX-380 / GX-380F



pict. B

GX-3110 / GX-3110F

pic. C


Reported data does not bind the manufacturer; they can be modified without notice. STEM is however at the customer's disposal for any detail or clarification (see 6.1.).

CONVERSION TABLE OF UNITS OF MEASUREMENT

Length	1 inch = 1" = 25.4 mm	Power	1 kW = 1.36 CV = 1.34 BHP
Volume	1 litre = 1 l = 0.260 gallons	Weight	1 kg = 2.204 pounds
Temperature	T (K) = t (°C) + 273 / t (°F) = 1.8 t (°C) + 32	Pressure	1 bar = 100 kPa = 14.5 psi

- **MINIMUM TEMPERATURE USE:** -20°C
 - **MAXIMUM INCLINATION -20°C:** 5% (~3°)
- Technical report Nr. 123 12 12 206 TÜV

2.4 PERMITTED USE

The GX-1 step is a device to ease the access onto vehicles with a floor height above 40 cm.

	• DO NOT STAND ON the step before the opening stroke is completed. • While using the step the user has to hold on to the safety handle that the vehicle is equipped with.
	While using the step people with motion handicap must be helped by an assistant.

3. HANDLING

3.1 PACKAGING AND TRANSPORT

The step is delivered to the customer completely assembled. The packaging includes a cardboard box containing a polystyrene sheet preventing the step from shaking inside the box.

	During handling the step has to be in the closed position at all times
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3.2 STORAGE

If the step is not installed immediately it must be stored indoors in a dry and clean place, and needs to be positioned at about 100 to 150 mm from the ground for perfect preservation and performance of parts composing it. Do not expose to direct sunlight. Relative humidity must be lower than 80% and temperature must range between $-10\text{ }^{\circ}\text{C} \leq t \leq +50\text{ }^{\circ}\text{C}$.

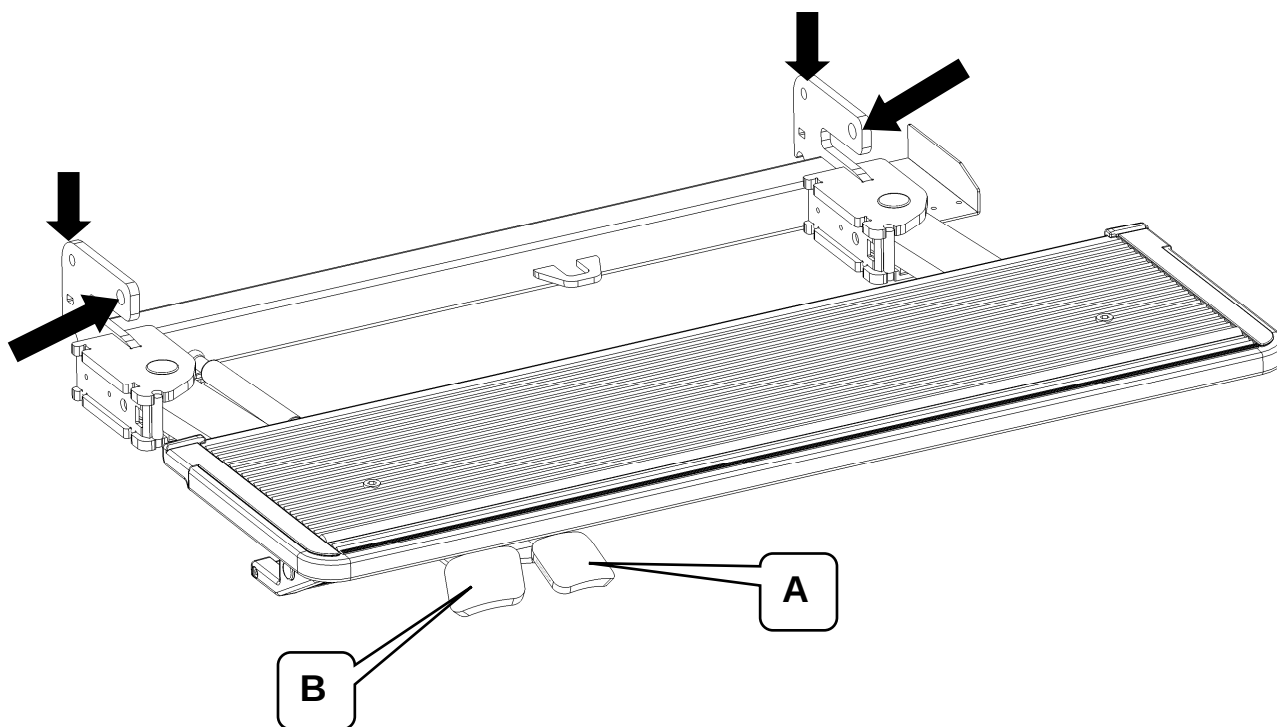
	Stacking is allowed up to a maximum of 4 steps.
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4. INSTALLATION

The GX-3 can be installed on any type of vehicle whose body dimensions are compatible with the overall dimensions (§ 2.1).

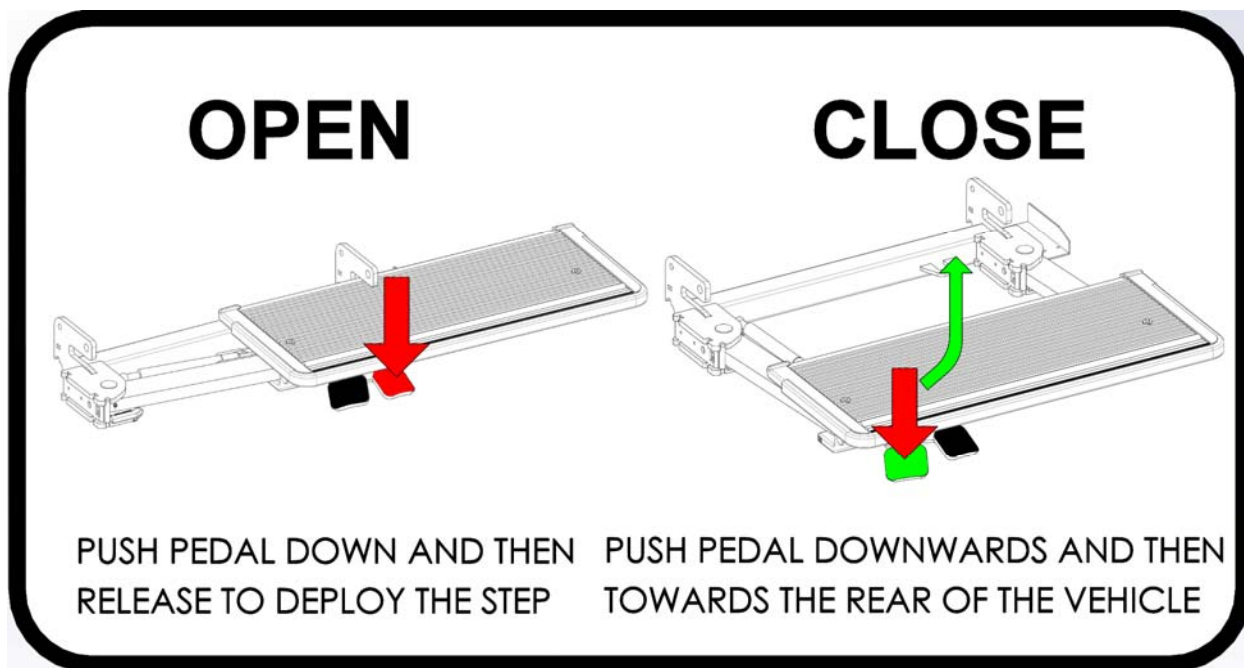
4.1 SECURING THE STEP TO THE VEHICLE

To install onto the vehicle use the holes that are indicated in pict. 5.



pict. 5

STEM has a series of adapting brackets for the vehicles listed below

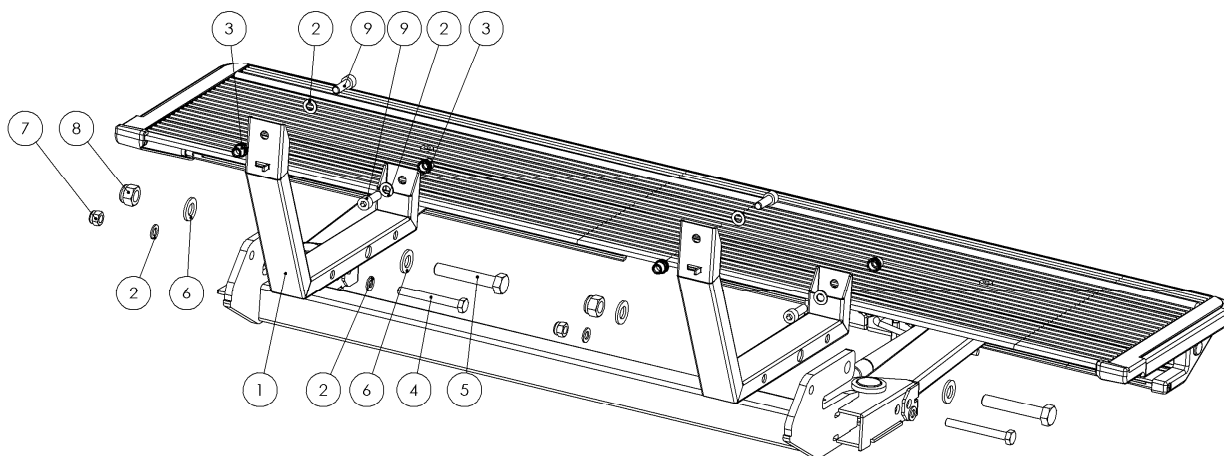


4.2.1 MERCEDES SPRINTER 2006 – VOLKSWAGEN CRAFTER

STAFSH4ASP06

Drw. 8997

Pos	Codice	Denominazione	Q.tà	Pos	Codice	Denominazione	Q.tà
1	DIS0004919	Bracket	2	6	RO12	Washer	4
2	RO08	Washer	8	7	DAAU08	Nut	2
3	INSCFTSCM8	Insert	4	8	DAAU12	Nut	2
4	TE08070P	Screw	2	9	TCEI08025	Screw	4
5	TE12070P	Screw	2				


MODIFICHE
COPIA N°

POS.	DENOMINAZIONE-DESCRIZIONE	N° PEZZI	MATERIALE-DIMENSIONI
Montaggio staffa Sprinter06			
GRUPPO:		MACCHINA: GX-3	DISEGNO NUMERO
TRATTAMENTO SUPERFICIALE		TRATTAMENTO TERMICO	8997
 STEM S.r.l. Strada Ghiaino, 12/D - 43014 - Medesano (PR) ITALY - Tel. 0525 - 19811 - Fax 0525 - 421341 www.stem.it		DATA: 26/10/11	FIRMA: Dalla G.
		MIR	FORMATO A3
SOST. IL		SOST. DA	SCALA 1:3.5
TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1 MACCHINE USANDO -> FINE TAGLIO A LASER -> ± 0.2 mm PIEGATURA -> FINE RACCORDI E SMUSI -> FINE QUOTE ANGOLARI -> FINE			

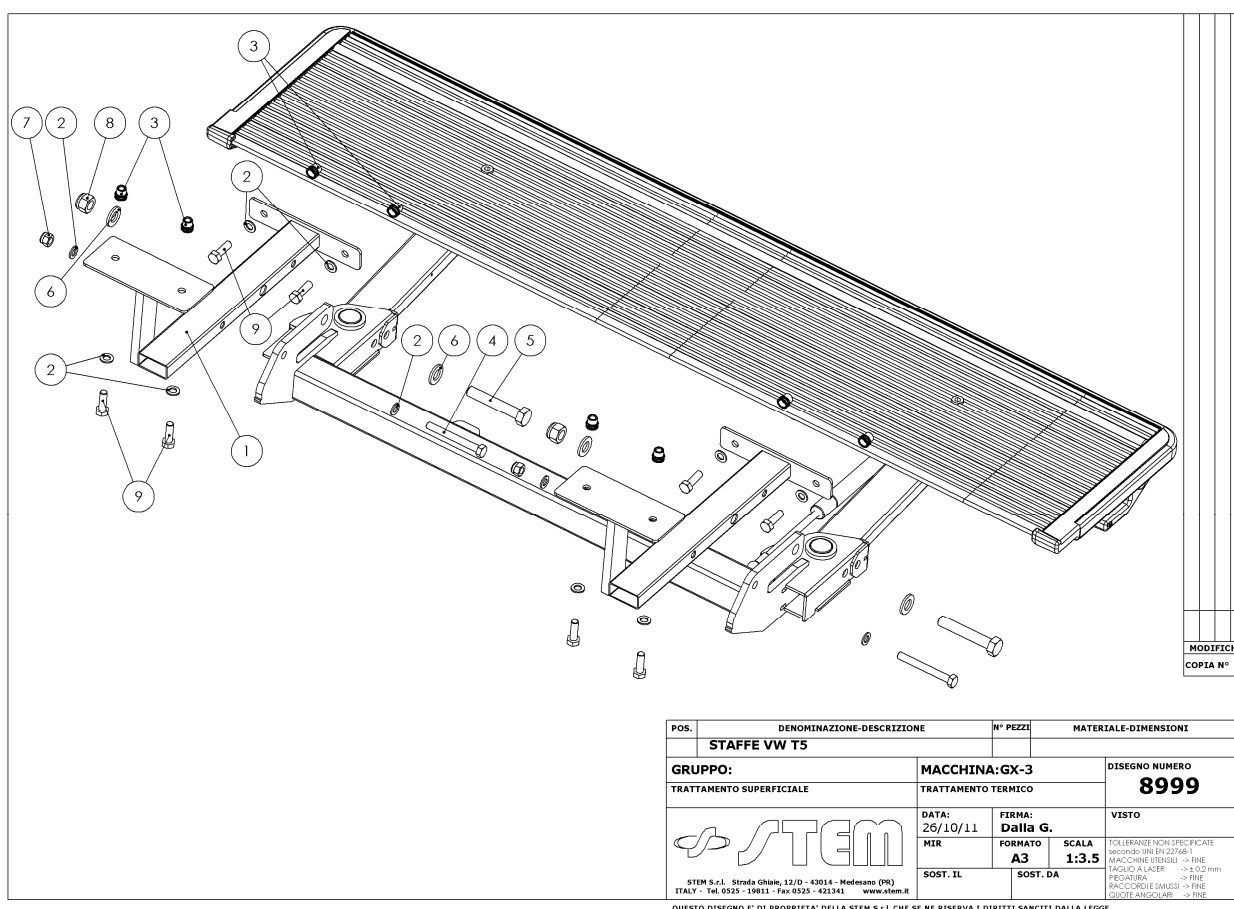
QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

4.2.2 VOLKSWAGEN T5

STAFSHVWT5 4A

Drw. 8999

Pos	Codice	Denominazione	Q.tà	Pos	Codice	Denominazione	Q.tà
1	DIS0003826	Bracket	2	6	RO12	Washer	2
2	RO08	Washer	12	7	DAAU08	Nut	2
3	INSCFTTEM8	Insert	8	8	DAAU12	Nut	2
4	TE08070P	Screw	2	9	TE08025	Screw	8
5	TE12070P	Screw	2				

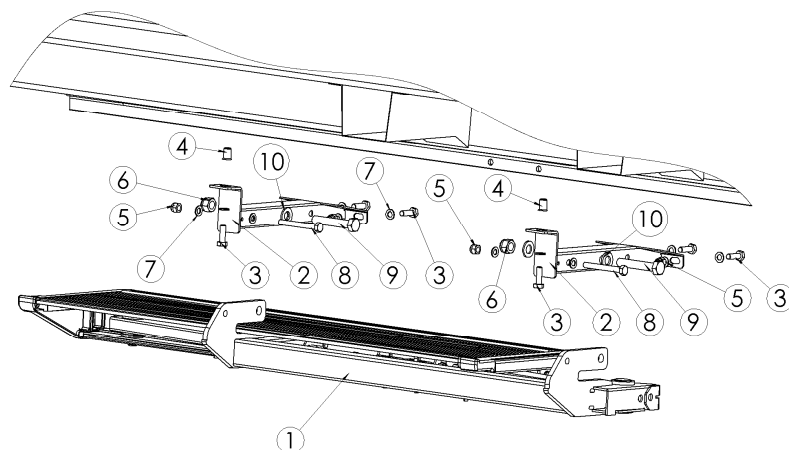


4.2.3 FIAT DUCATO 2006

STAFSH4ADU06

Drw. 8941

Pos	Codice	Denominazione	Q.tà	Pos	Codice	Denominazione	Q.tà
1	GX-380	Step	1	6	DAAU12	Nut	2
2	DIS0006046	Bracket	2	7	RO08	Washer	16
3	TE08025	Screw	6	8	TE08070P	Screw	2
4	INSCFTSCM8	Insert	2	9	TE12070P	Screw	2
5	DAAU08	Nut	6	10	RO12	Washer	4



10	Rondella M12	4	RO12
9	Vite TE M12x70	2	TE12070P
8	Vite TE M8x70	2	TE08070P
7	Rondella M8	16	RO08
6	Dado autobloccante M12	2	DAAU12
5	Dado autobloccante M8	6	DAAU08
4	Inserto cilindrico M8	2	INSCFTSCM8
3	Vite TE M8x25	6	TE08025
2	Staffa fissaggio	2	DIS0006046
1	Gradino meccanico mod. GX-380	1	GX-380

Esploso montaggio GX-380 su Ducato '06

GRUPPO:		MACCHINA: GX-3		DISEGNO NUMERO
TRATTAMENTO SUPERFICIALE		TRATTAMENTO TERMICO		8941
DATA:		FIRMA: Cavagna		VISTO
MIR		FORMATO A3	SCALA 1:5	TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1
SOST. IL		SOST. DA		MACCHINE UTENSILI -> FINE
				TAGLIO A LASER -> ± 0,2 mm
				PIGATURA -> FINE
				RACCORDI E SMISUR -> FINE
				QUOTE ANGOLARI -> FINE

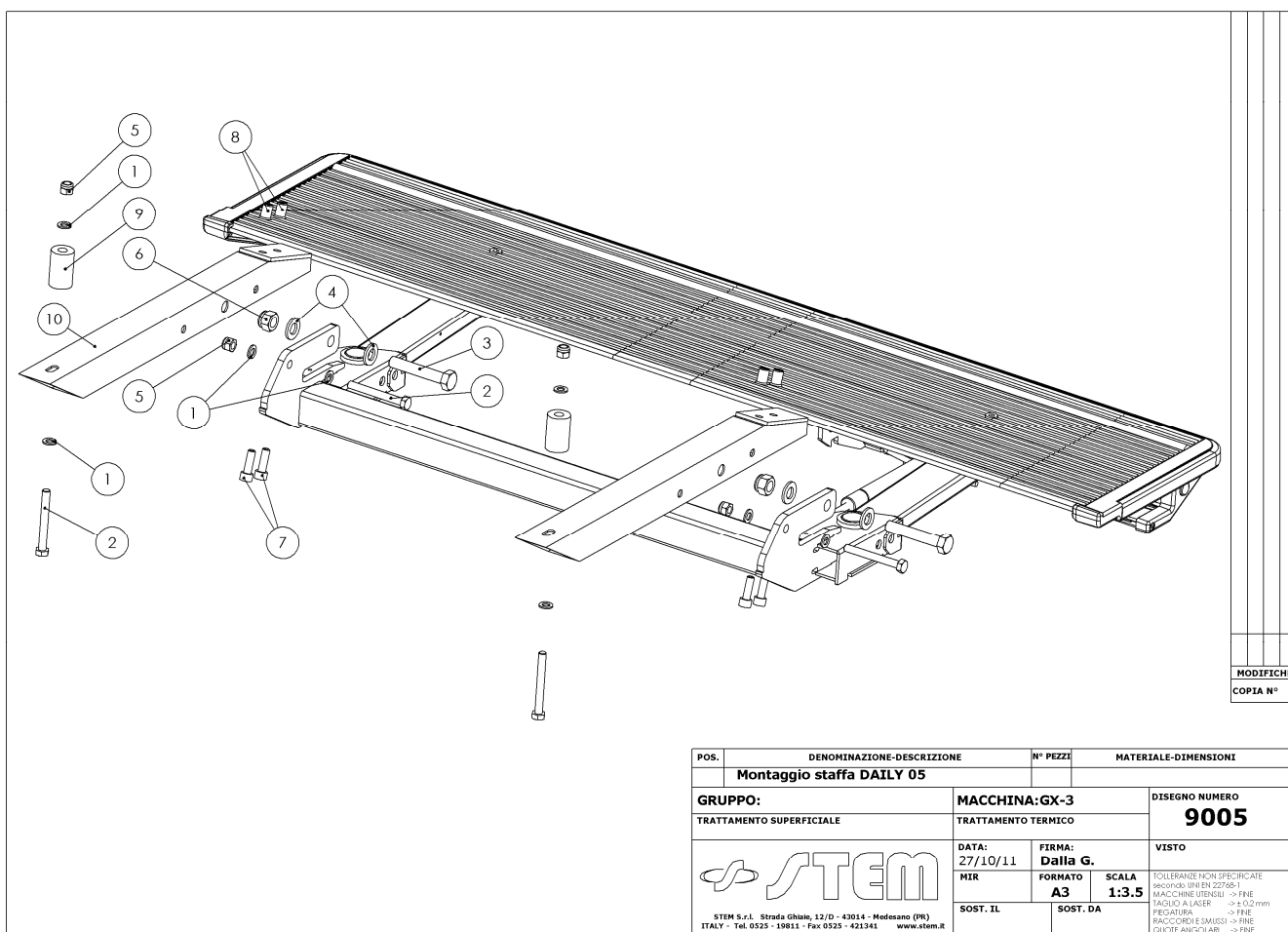
QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

4.2.4 IVECO DAILY MY 2005

STAFSHDAIL 4A

Drw. 9005

Pos	Codice	Denominazione	Q.tà	Pos	Codice	Denominazione	Q.tà
1	RO08	Washer	12	6	DAAU12	Nut	2
2	TE08070	Screw	4	7	TCEI08025	Screw	4
3	TE12070	Screw	2	8	INSCFTSCM8	Insert	4
4	RO12	Washer	8	9	DIS0008517	Spacer	2
5	DAAU08	Nut	4	10	DIS0004182	Bracket	2



POS.	DENOMINAZIONE-DESCRIZIONE	N° PEZZI	MATERIALE-DIMENSIONI
	Montaggio staffa DAILY 05		
GRUPPO:		MACCHINA: GX-3	DISEGNO NUMERO
TRATTAMENTO SUPERFICIALE		TRATTAMENTO TERMICO	9005
DATA: 27/10/11		FIRMA: Dalla G.	VISTO
MIR		FORMATO A3	SCALA 1:3.5
SOST. IL		SOST. DA	TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1 MACCHINE UTENSILI -> FINE TAGLIO A LASER -> FINE FRESATURA RACCORDI E SALDI -> FINE LAVORI ANGOLARI -> FINE

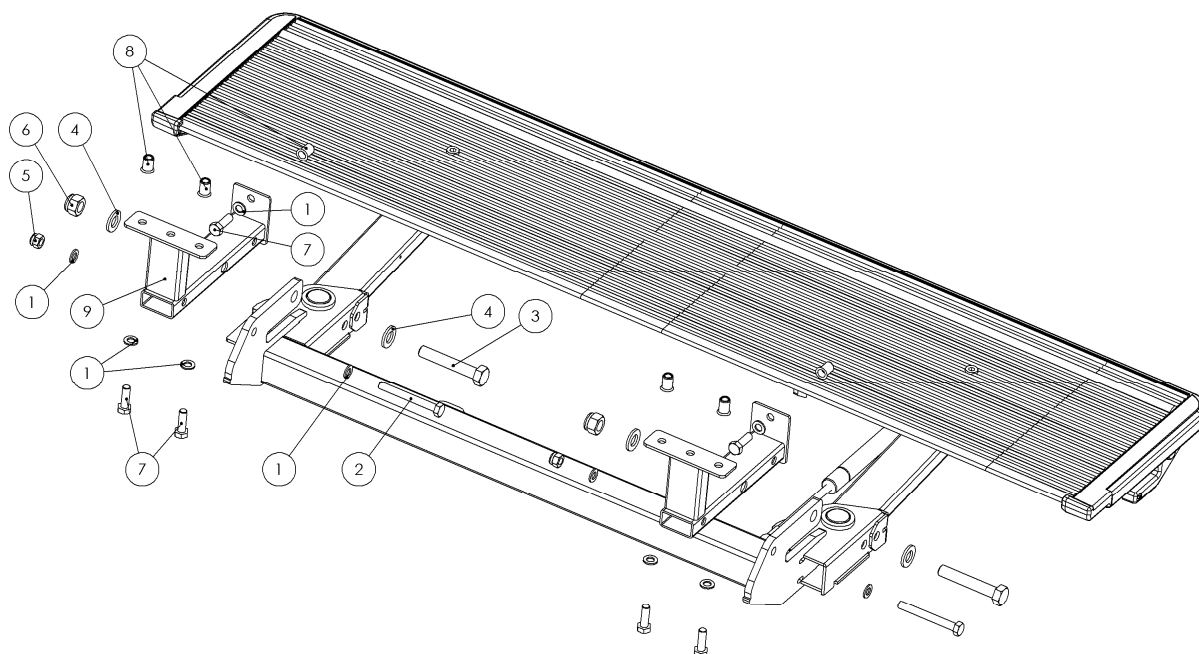
QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

4.2.5 MERCEDES VITO

STAFSHVITO-4A

Drw. 9007

Pos	Codice	Denominazione	Q.tà	Pos	Codice	Denominazione	Q.tà
1	RO08	Washer	10	6	DAAU12	Nut	2
2	TE08070P	Screw	2	7	INSCFTSCM8	Insert	6
3	TE12070P	Screw	2	8	TE08025	Screw	6
4	RO12	Washer	4	9	DIS0004835	Bracket	2
5	DAAU08	Nut	2				


MODIFICHE
COPIA N°

POS.	DENOMINAZIONE-DESCRIZIONE	N° PEZZI	MATERIALE-DIMENSIONI
Montaggio staffe VITO			
GRUPPO:		MACCHINA: GX-3	DISEGNO NUMERO
TRATTAMENTO SUPERFICIALE		TRATTAMENTO TERMICO	9007
DATA: 27/10/11		FIRMA: Dalla G.	VISTO
MIR		FORMATO A3	SCALA 1:3.5
SOST. IL		SOST. DA	TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1
STEM S.r.l. Strada Ghiale, 12/D - 43014 - Medesano (PR)			MACCHINE (VERBILI) -> FINE
ITALY - Tel. 0525 - 19811 - Fax 0525 - 421341 - www.stem.it			TAGLI A LASER -> ± 0.2 mm
			PIE' -> FINE
			RACCORDI E SMUSI -> FINE
			LEUCHE ANGOLARI -> FINE

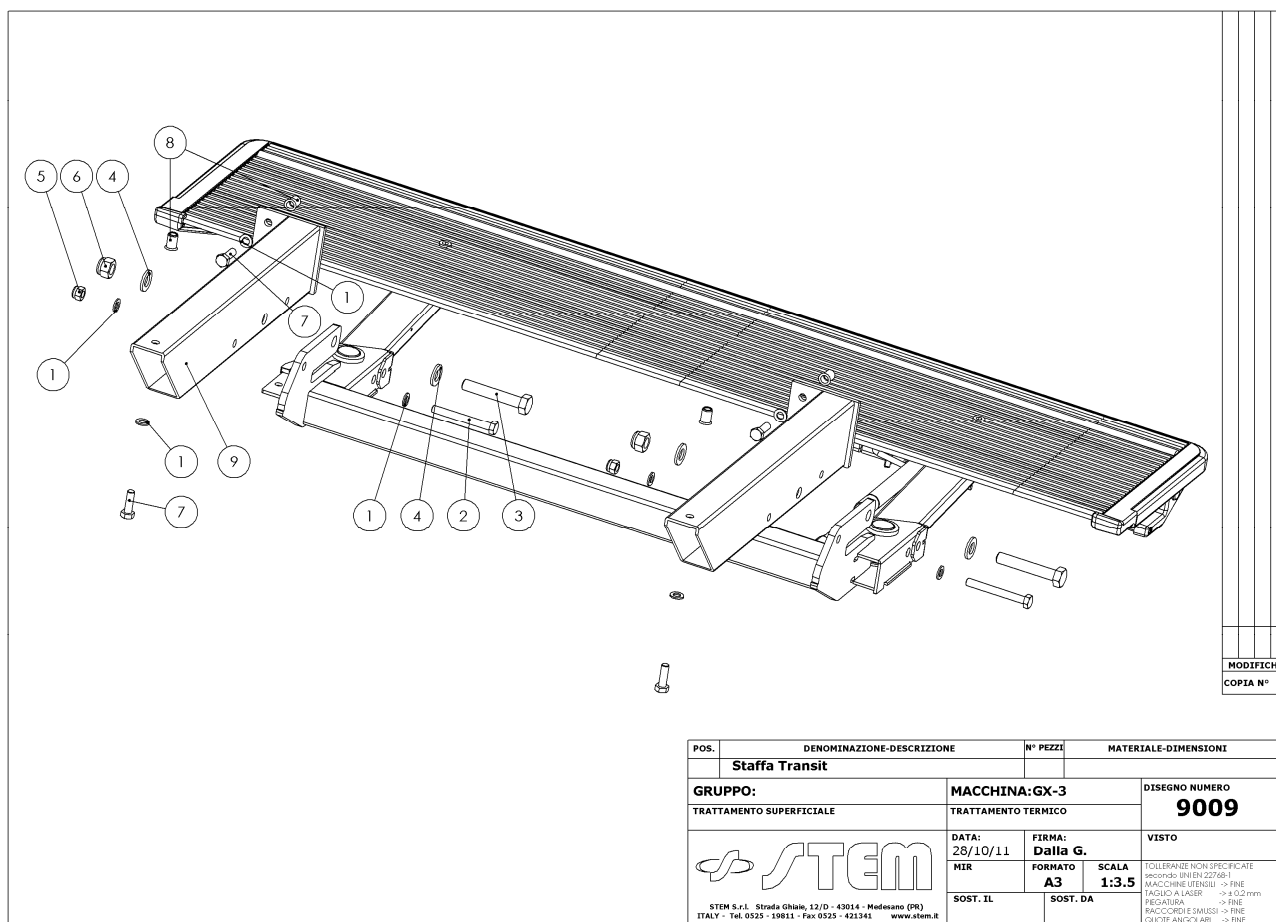
QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

4.2.6 FORD TRANSIT

STAFGE3TRAN

Drw. 9009

Pos	Codice	Denominazione	Q.tà	Pos	Codice	Denominazione	Q.tà
1	RO08	Washer	8	6	DAAU12	Nut	2
2	TE08065	Screw	2	7	TE08025	Screw	4
3	TE12070P	Screw	2	8	INSCFTTEM8	Insert	4
4	RO12	Washer	4	9	DIS0008515	Bracket	2
5	DAAU08	Nut	2				


MODIFICHE
COPIA N°

POS.	DENOMINAZIONE-DESCRIZIONE	N° PEZZI	MATERIALE-DIMENSIONI
	Staffa Transit		
GRUPPO:		MACCHINA:GX-3	DISEGNO NUMERO
TRATTAMENTO SUPERFICIALE		TRATTAMENTO TERMICO	9009
		DATA: 28/10/11	FIRMA: Dalla G.
STEM S.r.l. Strada Ghiale, 12/D - 43014 - Medesano (PR) ITALY - Tel. 0525 - 59811 - Fax 0525 - 421341 www.stem.it		IR	FORMATO A3
		SCALA 1:3.5	VISTO
		SOST. IL	SOST. DA

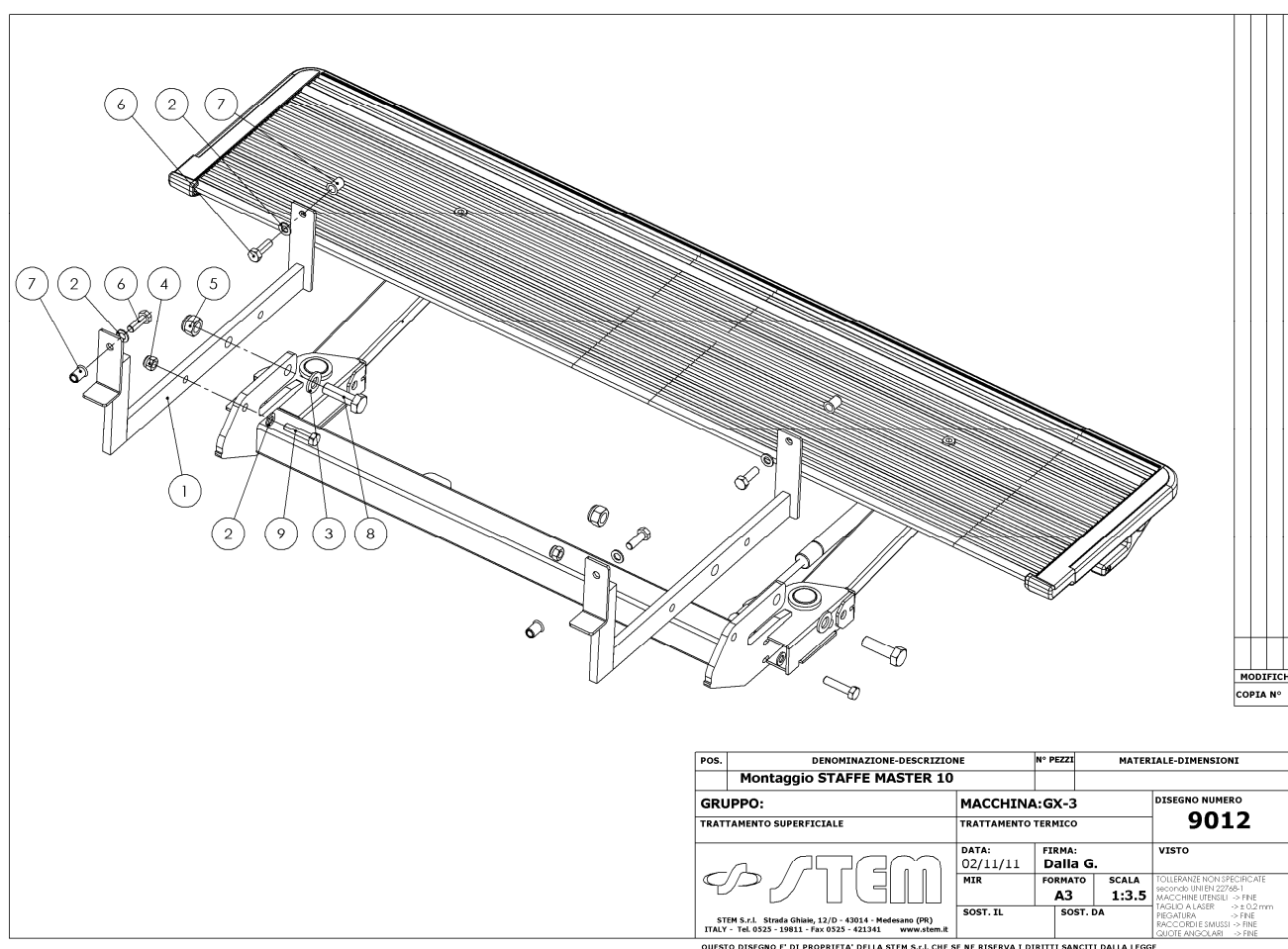
QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

4.2.7 RENAULT MASTER – OPEL MOVANO

STAFSHMAST

Drw. 9012

Pos	Codice	Denominazione	Q.tà	Pos	Codice	Denominazione	Q.tà
1	DIS0001803	Bracket	2	6	TE08025	Screw	4
2	RO08	Washer	6	7	INSFTSCM8	Insert	4
3	RO12	Washer	2	8	TE12040	Screw	2
4	DAAU08	Nut	2	9	TE08035	Screw	2
5	DAAU12	Nut	2				

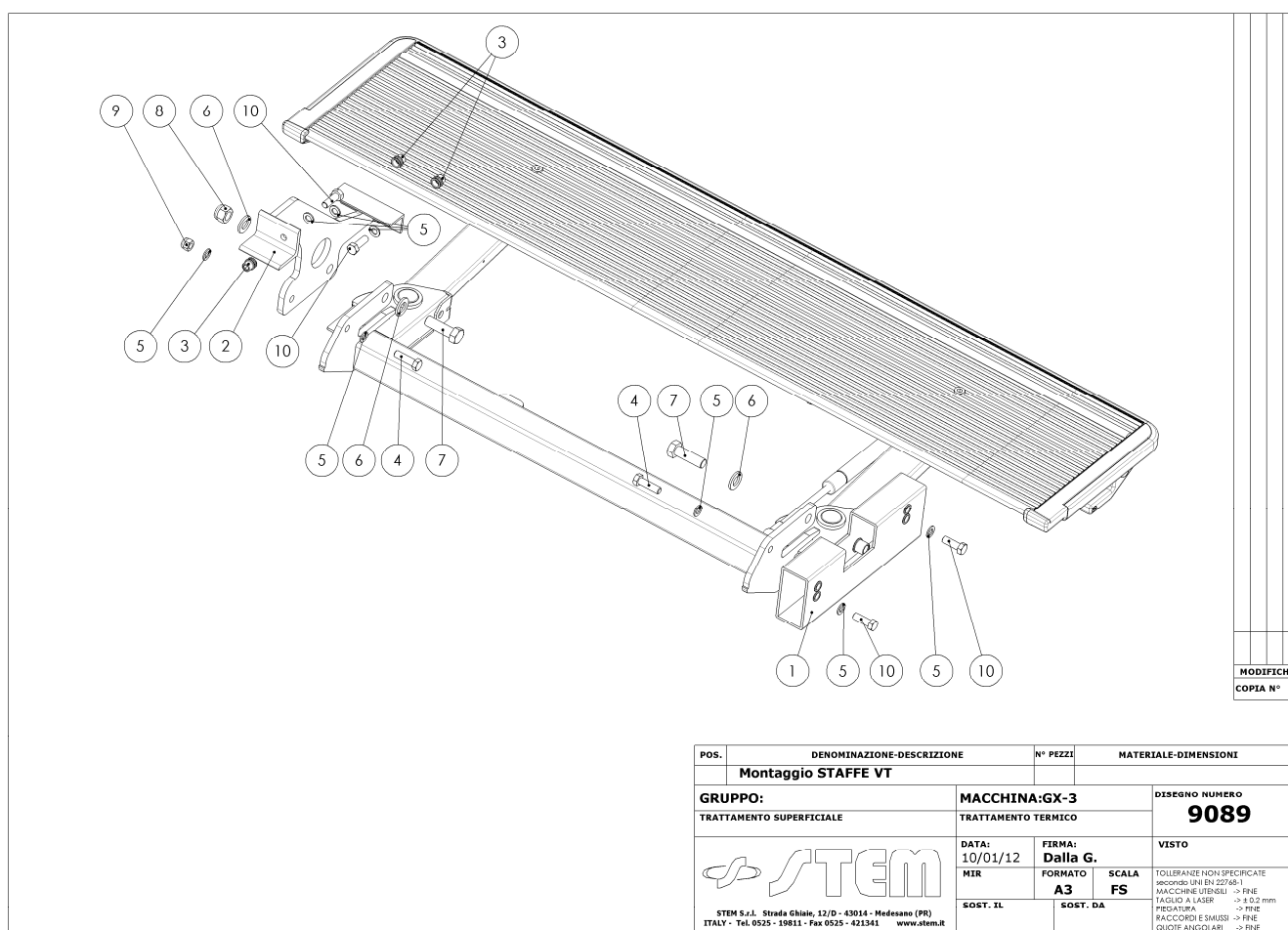


4.2.8 RENAULT TRAFIC – OPEL VIVARO

STAFGX3VT

DIS. 9089

Pos	Codice	Denominazione	Q.tà	Pos	Codice	Denominazione	Q.tà
1	DIS0008373	Bracket	1	6	RO12	Washer	3
2	DIS0008331	Bracket	1	7	TE12040	Screw	2
3	INSCFTTCM8	Insert	3	8	DAAU12	Nut	1
4	TE08030P	Screw	2	9	DAAU08	Nut	1
5	RO08	Washer	8	10	TE08025	Screw	5

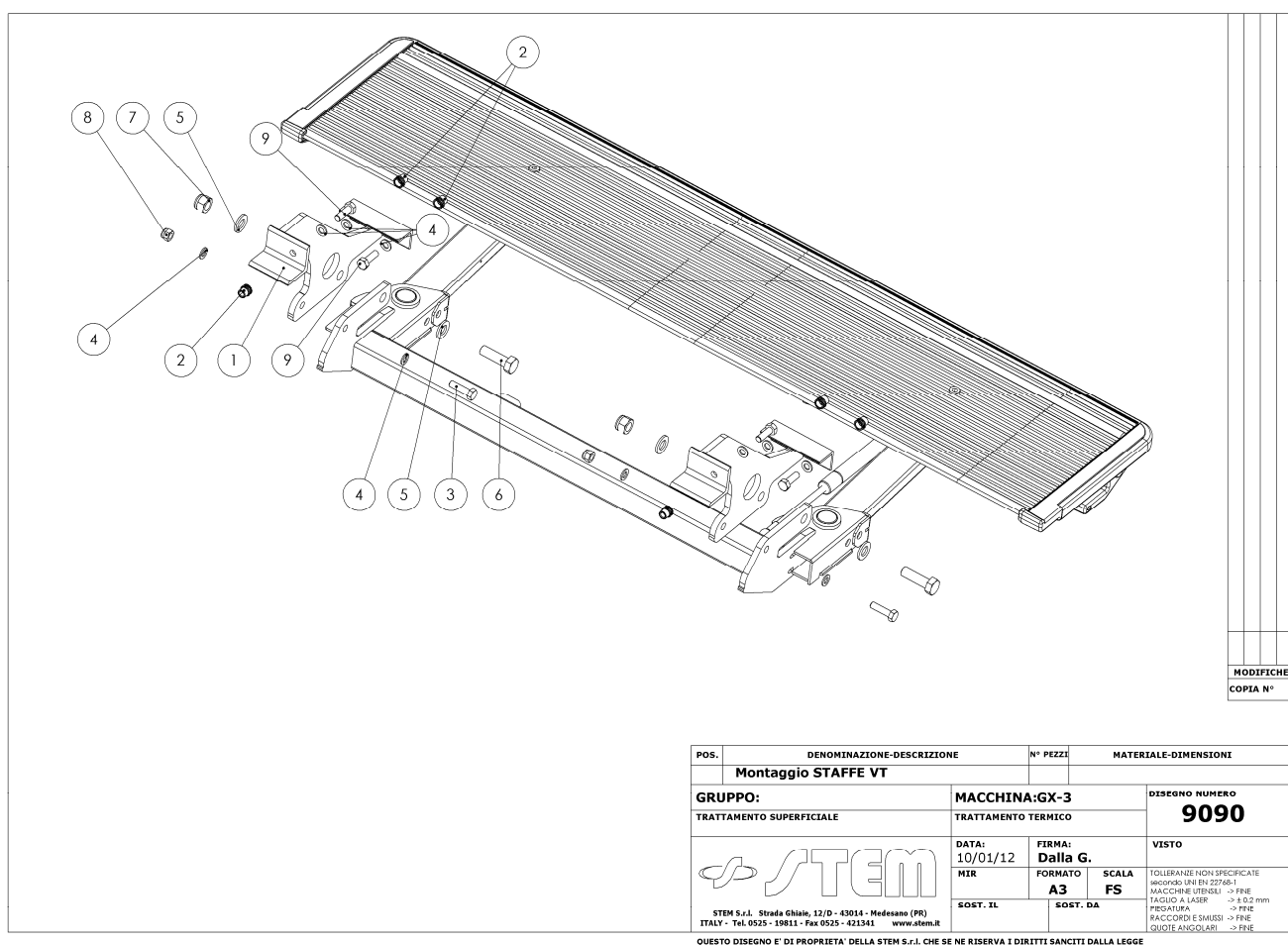


4.2.9 RENAULT TRAFIC – OPEL VIVARO LONGO WHEELBASE

STAFGX3VT-L

DIS. 9090

Pos	Codice	Denominazione	Q.tà	Pos	Codice	Denominazione	Q.tà
1	DIS0008331	Bracket	2	6	TE12040	Screw	2
2	INSCFTTCM8	Insert	6	7	DAAU12	Nut	2
3	TE08030P	Screw	2	8	DAAU08	Nut	2
4	RO08	Washer	10	9	TE08025	Screw	6
5	RO12	Washer	4				



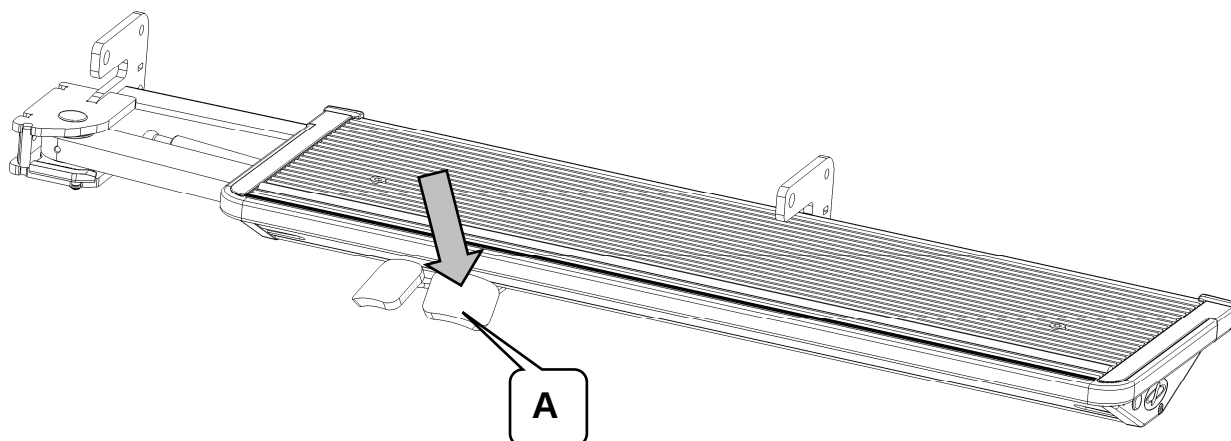
5. INSTRUCTIONS FOR USE

5.1 FUNCTIONING

The functioning of the GX-3 is completely manual.

- **EXIT**

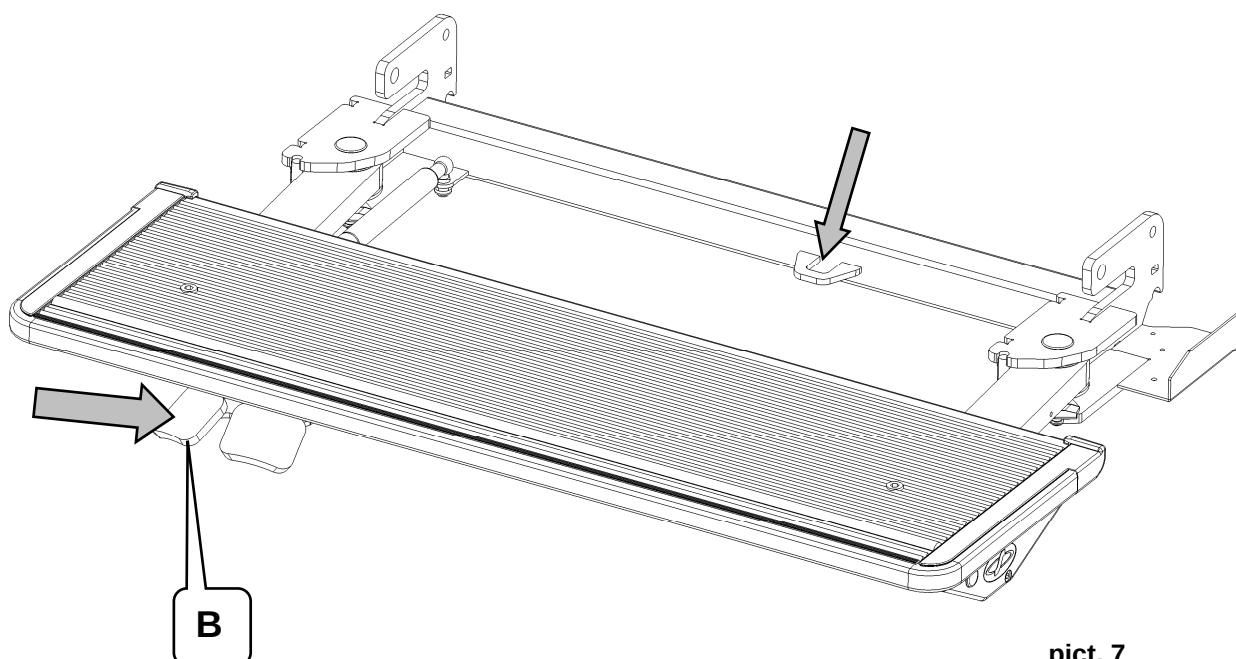
Pressing the pedal A (pict. 6) one gets the output of the step.



pict. 6

- **CLOSE**

Press the pedal by pushing the B step inwards (pict. 7) to the locked position.



pict. 7

5.2 SAFETY



- **DO NOT STAND** within the step's action radius during exit.

5.3 ANOMALIES



- Interventions have to be performed by authorized and trained staff.
- Should the problem persist, do not try personal solutions, but contact STEM's technical service; do this also in case of anomalies that are not mentioned in the following tables.

PROBLEM	CHECK	WHAT TO DO
The step does <u>NOT OPEN</u>	◆ Step's cleanness ◆ Gas spring's integrity ◆ Whether the step was hit anywhere. ◆ Check the right pedal (A)	◆ Clean THE SLIDING PARTS ◆ Substitute the SPRING ◆ Repair or substitute all DEFORMED PARTS
The step does <u>NOT CLOSE</u>	◆ Step's cleanness ◆ Gas spring's integrity ◆ Whether the step was hit anywhere ◆ Check the left pedal (B)	◆ Clean THE SLIDING PARTS ◆ Substitute the SPRING ◆ Repair or substitute all DEFORMED PARTS

If the problem persists after all check-ups, contact STEM's technical service

5.4 MAINTENANCE



- Make sure all the maintenance operations are executed by authorized and trained staff, in particular regarding the electric parts
- In case you note a non-conformity of the original product , put it out of service, until a repair or a component replacement has been performed.
- For the assistance and the spare parts, please contact exclusively STEM (point 6.1. / 6.2.).

ORDINARY MAINTENANCE:

- Wash the step with a not aggressive water jet.
- Wash the step with a soft brush and a not aggressive detergent
- Rinse abundantly with water

EXTRAORDINARY MAINTENANCE:

- Wash the step with a not aggressive water jet.
- Treat the slot guide of the pedal of the mechanical steps with a protective lubricating spray

Examples of suitable products:

Protective lubricating spray for chains : WÜRTH HHS-Lube Sprühfett

CONDITIONS	MAINTENANCE	PERIODICITY
Summer time with not particularly dirty streets	ORDINARY	EVERY MONTH
	EXTRAORDINARY	1 TIME per season
Summer time with dirty streets (mud,rubble ecc) or Winter time without the streets' treatment with salt	ORDINARY	EVERY WEEK
	EXTRAORDINARY	EVERY 2 MONTHS
Places with polluted environment, with salty or humid air (coast areas) or Winter time with the streets' treatment with salt	ORDINARY	EVERY DAY
	EXTRAORDINARY	EVERY WEEK

6. TECHNICAL ASSISTANCE

6.1 ADDRESSES FOR TECHNICAL SERVICE

For service under warranty and/or the request of maintenance or repair interventions, or for any kind of information, the customer may contact the following STEM technical service centers:



**STEM S.r.l.-unipersonale – Strada Ghiaie, 12D
43014 Medesano – (Parma) - Italy**

	TELEFONO	TELEFAX	E-MAIL
STEM ITALIA (EUROPA-ASIA-AFRICA)	0525-430102 +39-0525-430102	0525-421341 +39-0525-421341	stem@stem.it

Most technical problems can be easily solved through minor operations; we therefore suggest to read this manual carefully before contacting our technical service.

If service intervention is needed, please clearly specify the type of identified anomaly and how it occurred in order to allow us to intervene in the most suitable way.

6.2 SPARE PARTS

To order a spare part, the type of step, the identification number, the denomination of the component with its relevant position, the code and the required quantity must be given.

Example: Step: GX-3/ XXX/ anti-slip layer/4/DIS0004042/2

The shipment will be performed by STEM ex factory, cash upon delivery.

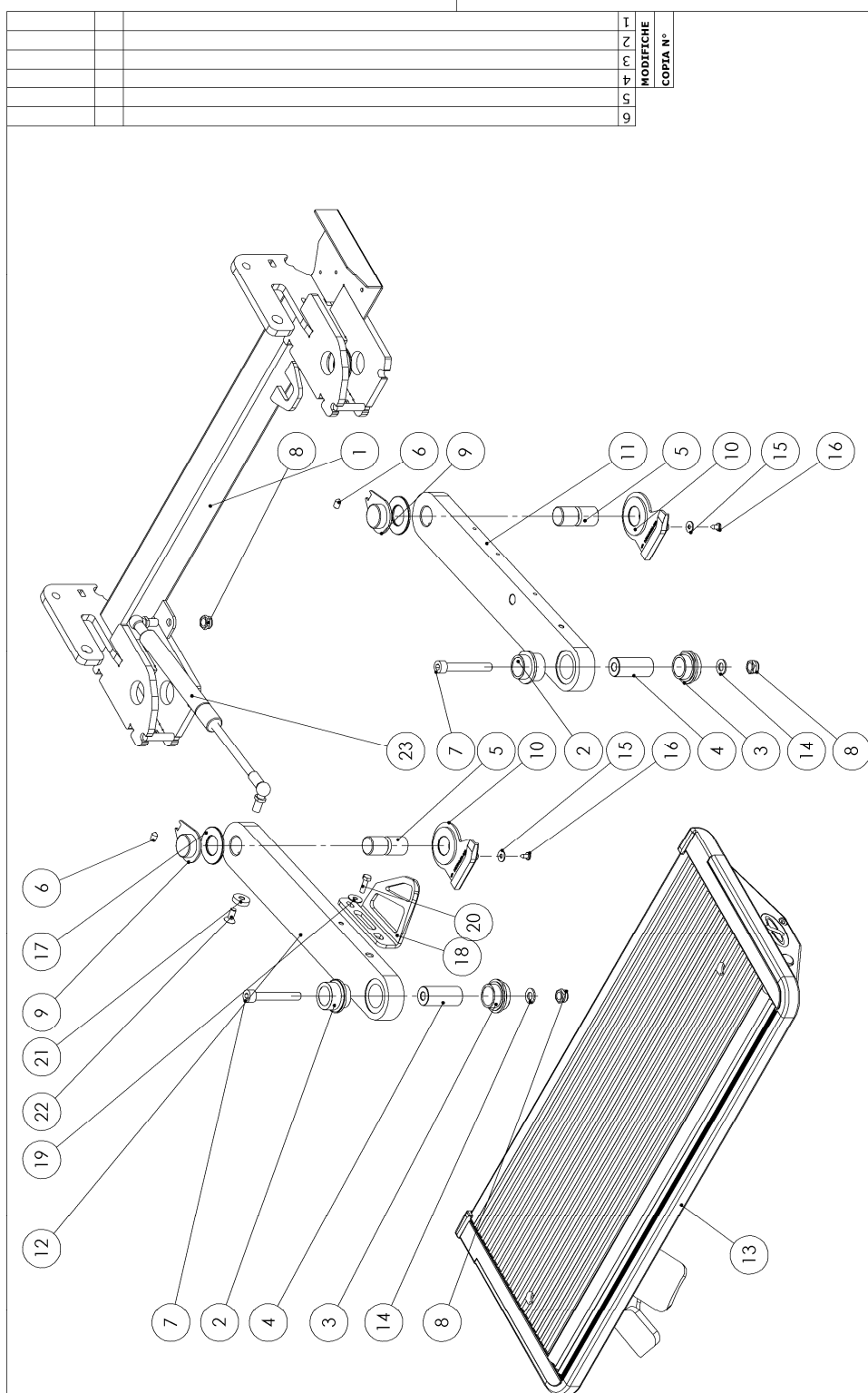
STEM grants the delivery of all of the spare parts within the shortest possible period of time, according to available stocks and the complexity of the spare part.



Use original spare parts only. The replacement of broken or worn original parts with poor quality or self-manufactured parts may cause serious damage to the step users and/or to the step functioning.

GX-360 CHASSIS

POS	CODE	COMPONENT	QTY
1	DIS0010337-R01	Base Frame GX-360	1
2	DIS0010535-P00	Bush	2
3	DIS0010536-P00	Bush	2
4	DIS0006183-R00	Pin Ø20 platform	2
5	DIS0004042-R03	Pin back	2
6	GRPU0610I	Grain Pointed M6x10	2
7	TCEI08060I	Screw	2
8	DAAUBA08I	Nut	3
9	DIS0004066-R04	Bushing rear Sup	2
10	DIS0010538-P00	Bush	2
11	DIS0010462-R00	Right arm	1
12	DIS0010463-R01	Left arm	1
13	DIS0010558-R01	Platform 600 GX-3	1
14	RO08I	Washer	2
15	RO04012I	Washer	2
16	VATC4295I	Screw	2
17	DIS0010537-P00	Bush	2
18	DIS0011420-R00	Bracket hook GX-3	1
19	RO05015I	Washer	1
20	TE05016I	Screw	1
21	DIS0011396-R01	Spacer	1
22	TPSE06014IF	Screw	1
23	MOLGAS200NC110TS1	Spring	1

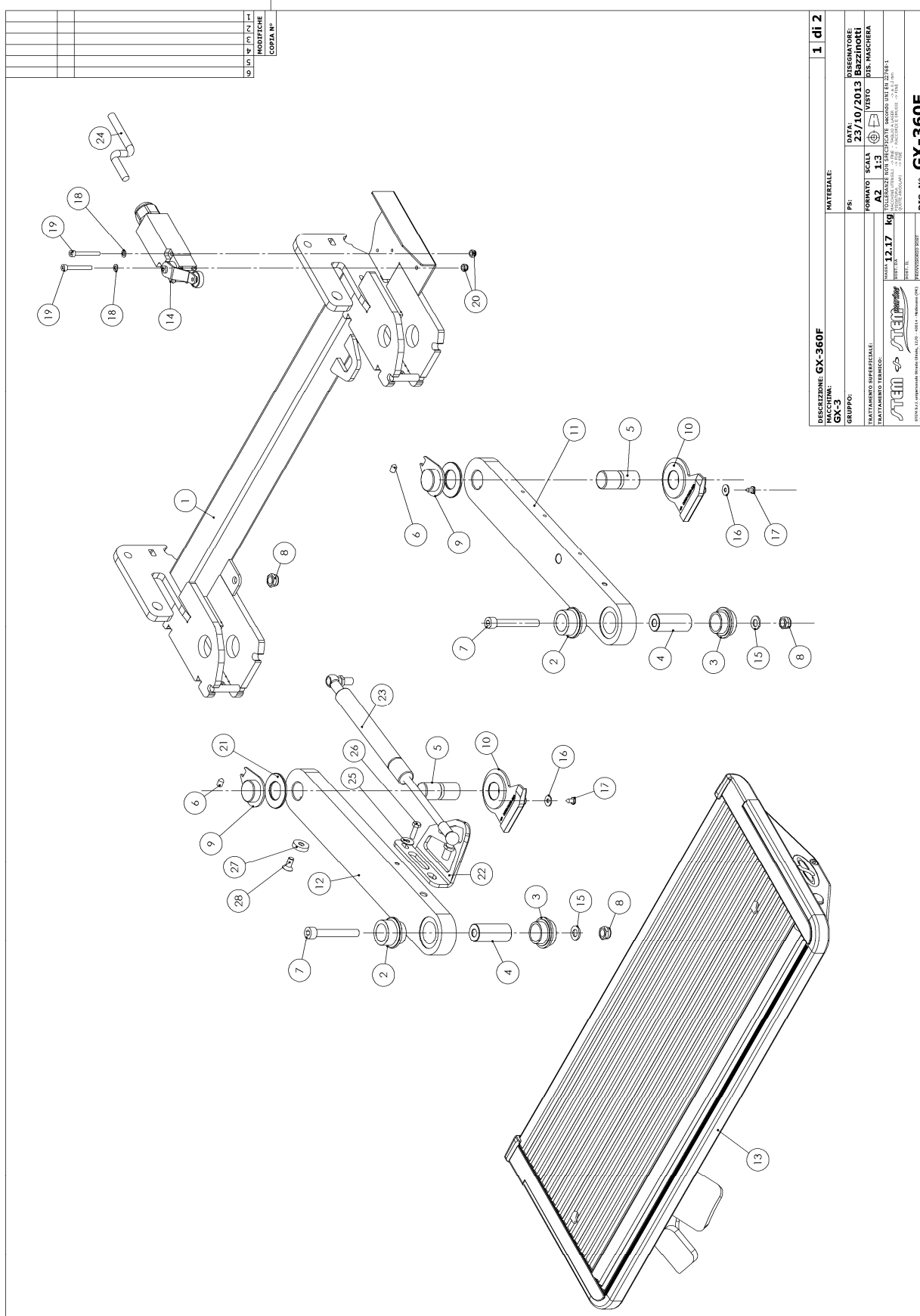


DESCRIZIONE: GX-360		MATERIALE:		1 di 3	
MACCHINA:					
GRUPPO:					
TRATTAMENTO SUPERFICIALE:		PS:		DATE: 23/10/2013	
TRATTAMENTO TECNICO:		FORMATO SCALA		DISEGNATORE: Bazzinotti	
		A3 1:3		Dis. MASCHERA	
MASA 12.06 kg				VISTO	
508T-JK					
508T-IL				TOLLERANZE NON SPECIFICATE secondo UNI 22768-1 MACCHINE UTENSILI -> FINE QUOTE ANGOLI -> FINE QUOTE ANDARE -> FINE	
PROVVEDIMENTO SIST.:					
  					
9714 6-1-1 - Impianto a ultrasuoni a ultrasuoni (H) 9714 6-1-1 - Impianto a ultrasuoni a ultrasuoni (H)					

QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.R.L. UNIPERSONALE CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

GX-360F CHASSIS

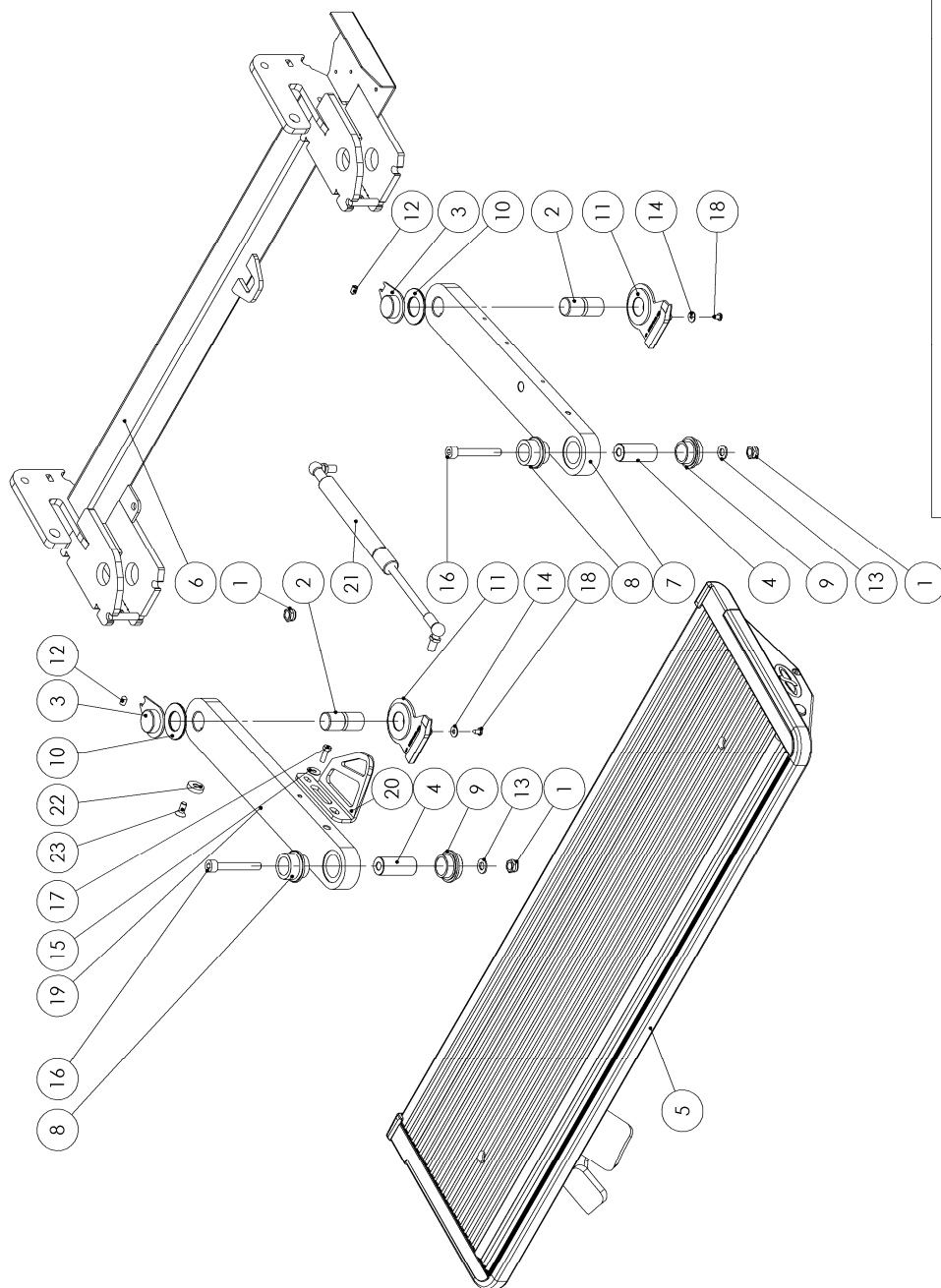
POS	CODE	COMPONENT	QTY
1	DIS0010337-R01	Base Frame GX-360	1
2	DIS0010535-P00	Bush	2
3	DIS0010536-P00	Bush	2
4	DIS0006183-R00	Pin Ø20 platform	2
5	DIS0004042-R03	Pin back	2
6	GRPU0610I	Grain Pointed M6x10	2
7	TCEI08060I	Screw	2
8	DAAUBA08I	Nut	3
9	DIS0004066-R04	Bushing rear Sup	2
10	DIS0010538-P00	Bush	2
11	DIS0010462-R00	Right arm	1
12	DIS0010463-R01	Left arm	1
13	DIS0010558-R01	Platform 600 GX-3	1
14	EFINCPASSAGX3	Switch	1
15	RO08I	Washer	2
16	RO04012I	Washer	2
17	VATC4295I	Screw	2
18	RO04I	Washer	2
19	TCEI04035I	Vite	2
20	DAAUBA04I	Nut	2
21	DIS0010537-P00	Bush	2
22	DIS0011420-R00	Bracket hook GX-3	1
23	MOLGAS200NC110TS1	Spring	1
24	DIS0007747-R00	Cable	1
25	RO05015I	Washer	1
26	TE05016I	Screw	1
27	DIS0011396-R01	Spacer	1
28	TPSE06014IF	Screw	1



DESCRIZIONE GX-360F		MATERIALE:		1 di 2	
GRUPPO:	GX-3	PS:	23/10/2013	DESIGNATORE:	23/10/2013
INSTALLAZIONE QUANTITATIVE:	A2	FORMATO:	1:3	VERBO:	DIS. MACCHINA
TRATTAMENTO TERMICO:	12.17 kg	TOLLERANZE NON SPECIFICATE:	secondo UNI EN 3298-1	CONFEZIONAMENTO:	23/10/2013
STAMPATO:	STEM	PRODOTTORE:	STEM	DIS. N°:	GX-360F
QUESTO DISEGNO È DI PROPRIETÀ DELLA STEM S.p.A. È vietata espressamente la ristampa o l'uso non autorizzato senza permesso scritto dalla STEM S.p.A.					

GX-380 CHASSIS

POS	CODICE	COMPONENTE	QTA'
1	DAAUBA08I	Nut	3
2	DIS0004042-R03	Pin back	2
3	DIS0004066-R04	Bushing rear Sup	2
4	DIS0006183-R00	Pin Ø20 platform	2
5	DIS0008671-R03	Platform 800 GX-3	1
6	DIS0009873-R04	Base Frame 800 - 1100	1
7	DIS0010462-R00	Right arm	1
8	DIS0010535-P00	Bush	2
9	DIS0010536-P00	Bush	2
10	DIS0010537-P00	Bush	2
11	DIS0010538-P00	Bush	2
12	GRPU0610I	Grain Pointed M6x10	2
13	RO08I	Washer	2
14	RO04012I	Washer	2
15	RO05015I	Washer	1
16	TCEI08060I	Screw	2
17	TE05016I	Screw	1
18	VATC4295I	Screw	2
19	DIS0010463-R01	Left arm	1
20	DIS0011420-R00	Bracket hook GX-3	1
21	MOLGAS200NC110TS1	Spring	1
22	DIS0011396-R01	Spacer	1
23	TPSE06014IF	Screw	1



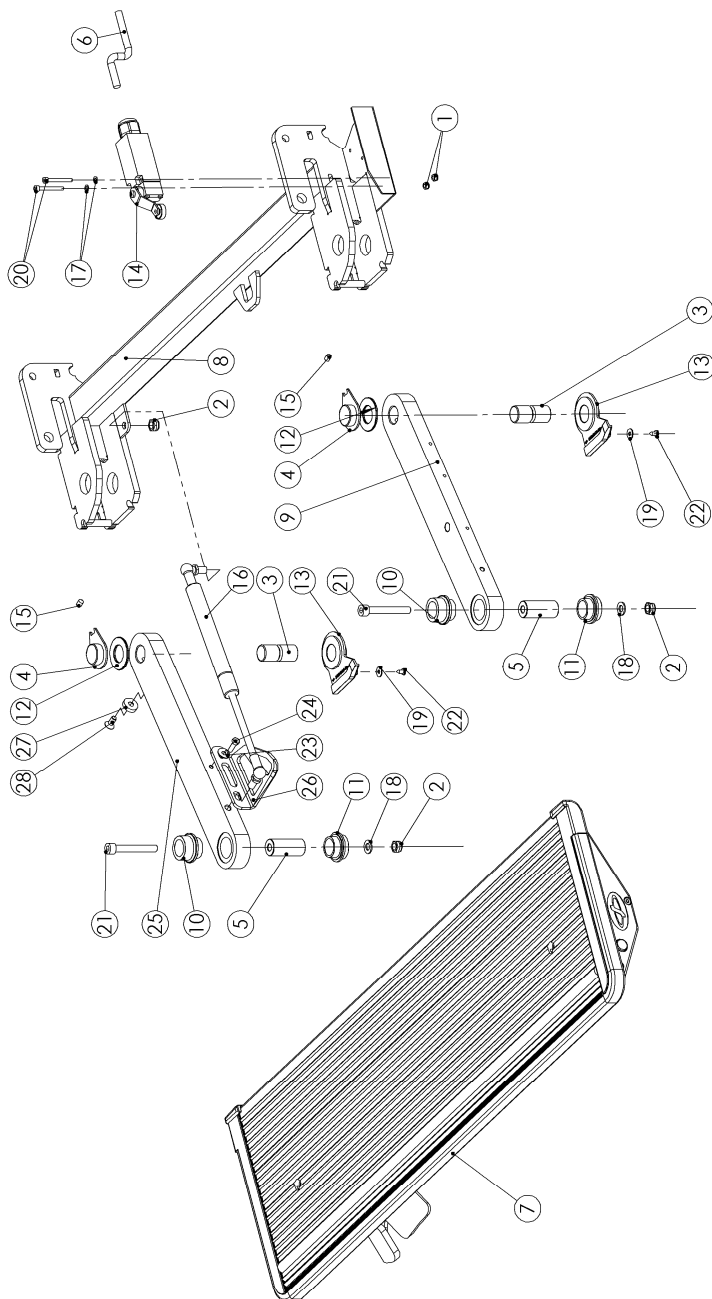
DESCRIZIONE: GX-380		MATERIALE:		1		di 2	
MACCHINA:							
GRUPPO:							
TRATTAMENTO SUPERFICIALE:							
TRATTAMENTO TECNICO:							
  		13.91 kg NASSA 5057 DA		TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1 MACCHINE UTENSILI > FINE FACCEGGI > FINE QUOTI ADDIACIARE > FINE		DATA: 23/04/2013 DISEGNATORE: Bazzinotti Dis. MASCHERA VISTO 	
STRE S.r.l. - Impianto Strada Olina, 1276 - 42014 - Medesano (Pr) 5057 - IL		FORMATO SCALA A3 1:5		PS:		DTS N° GX-380	

QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.R.L. UNIPERSONALE CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

1	Aggiornamento con bracci alluminio e pedale nuovo	BL	12/11/2013
2			
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GX-380F CHASSIS

POS	CODICE	COMPONENTE	QTA'
1	DAAUBA04I	Nut	2
2	DAAUBA08I	Nut	3
3	DIS0004042-R03	Pin back	2
4	DIS0004066-R04	Bushing rear Sup	2
5	DIS0006183-R00	Pin Ø20 platform	2
6	DIS0007747-R00	Cable	1
7	DIS0008671-R03	Platform 800 GX-3	1
8	DIS0009873-R04	Base Frame 800 - 1100	1
9	DIS0010462-R00	Right arm	1
10	DIS0010535-P00	Bush	2
11	DIS0010536-P00	Bush	2
12	DIS0010537-P00	Bush	2
13	DIS0010538-P00	Bush	2
14	EFINCPASSAGX3	Switch	1
15	GRPU0610I	Grain Pointed M6x10	2
16	MOLGAS200NC110TS1	Spring	1
17	RO04I	Washer	2
18	RO08I	Washer	2
19	RO04012I	Washer	2
20	TCEI04035I	Screw	2
21	TCEI08060I	Screw	2
22	VATC4295I	Screw	2
23	RO05015I	Washer	1
24	TE05016I	Screw	1
25	DIS0010463-R01	Left arm	1
26	DIS0011420-R00	Bracket hook GX-3	1
27	DIS0011396-R01	Spacer	1
28	TPSE06014IF	Screw	1



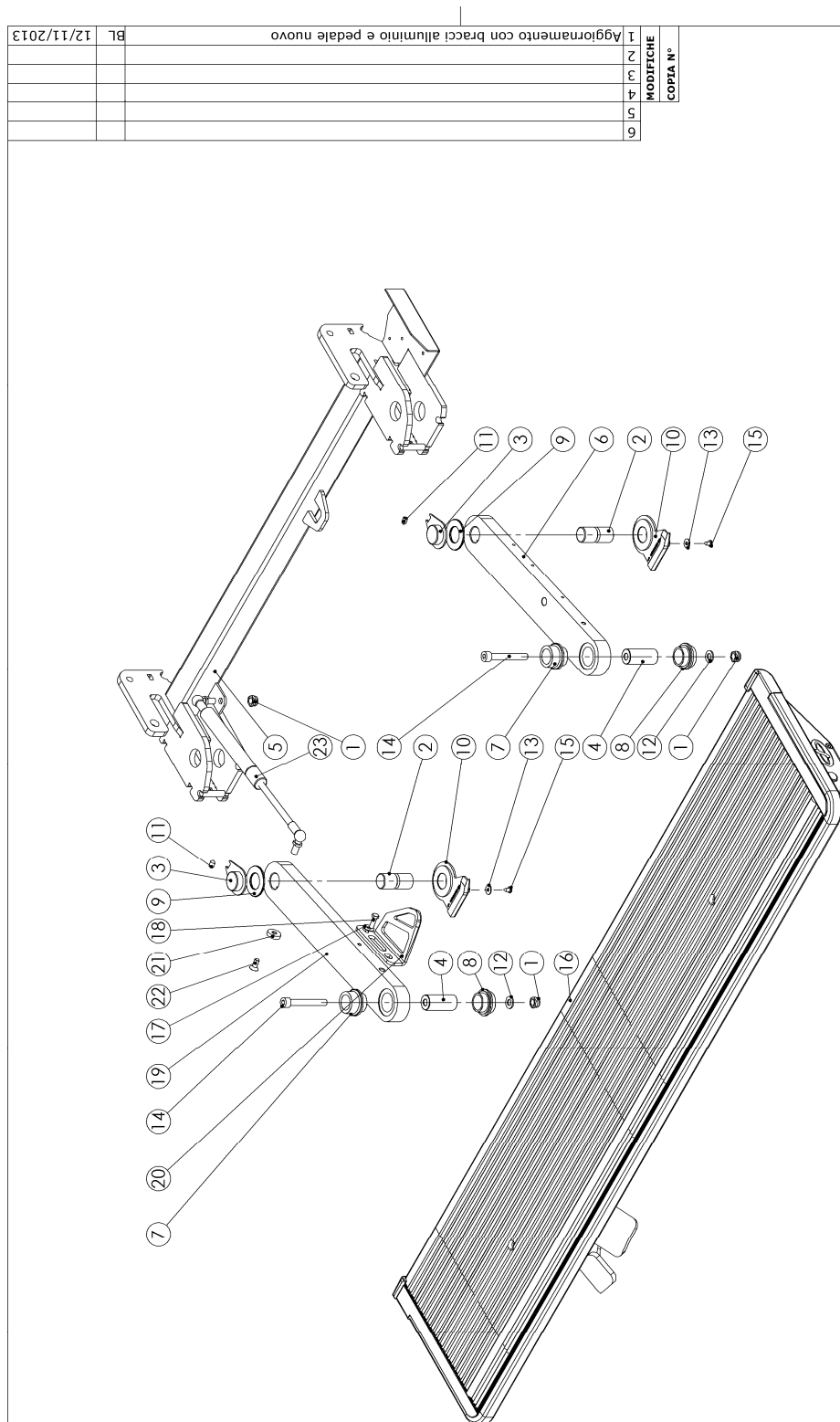
1	Aggiornato con bracci alluminio e nuovo pedale	BL	12/11/2013
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DESCRIZIONE: GX-380F		MATERIALE:		1 di 2	
MACCHINA:					
GRUPPO: GX-3		PS:		DATA: 23/10/2013 Disegnatore: Bazzinotti	
TRATTAMENTO SUPERICIALE:		FORMATO SCALA		DISEGNO: Dls. MASCHERA	
TRATTAMENTO TECNICO:		A3 1:5		VISTO 	
NASSA		TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1			
14-02		MACCHINE UTILIZZATE		TASOLO A LASER	
5097 DA		5097 DA		→ Ø 0,2 mm	
		5097 DA		→ FINE	
		5097 DA		→ FINE	
5097 TL		5097 TL		5097 TL	
STEM 		STEM 		STEM 	
STEM S.r.l. - Via Sesto San Giovanni, 1370 - 00194 - MEDA (MI)		STEM S.r.l. - Via Sesto San Giovanni, 1370 - 00194 - MEDA (MI)		STEM S.r.l. - Via Sesto San Giovanni, 1370 - 00194 - MEDA (MI)	

QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.R.L. UNIPERSONALE CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

GX-3110 CHASSIS

POS	CODICE	COMPONENTE	QTA'
1	DAAUBA08I	Nut	3
2	DIS0004042-R03	Pin back	2
3	DIS0004066-R04	Bushing rear Sup	2
4	DIS0006183-R00	Pin Ø20 platform	2
5	DIS0009873-R04	Base Frame 800 - 1100	1
6	DIS0010462-R00	Right arm	1
7	DIS0010535-P00	Bush	2
8	DIS0010536-P00	Bush	2
9	DIS0010537-P00	Bush	2
10	DIS0010538-P00	Bush	2
11	GRPU0610I	Grain Pointed M6x10	2
12	RO08I	Washer	2
13	RO04012I	Washer	2
14	TCEI08060I	Screw	2
15	VATC4295I	Screw	2
16	DIS0008673-R03	Platform 1100 GX-3	1
17	RO05015I	Washer	1
18	TE05016I	Screw	1
19	DIS0010463-R01	Left arm	1
20	DIS0011420-R00	Bracket hook GX-3	1
21	DIS0011396-R01	Spacer	1
22	TPSE06014IF	Screw	1
23	MOLGAS200NC110TS1	Spring	1

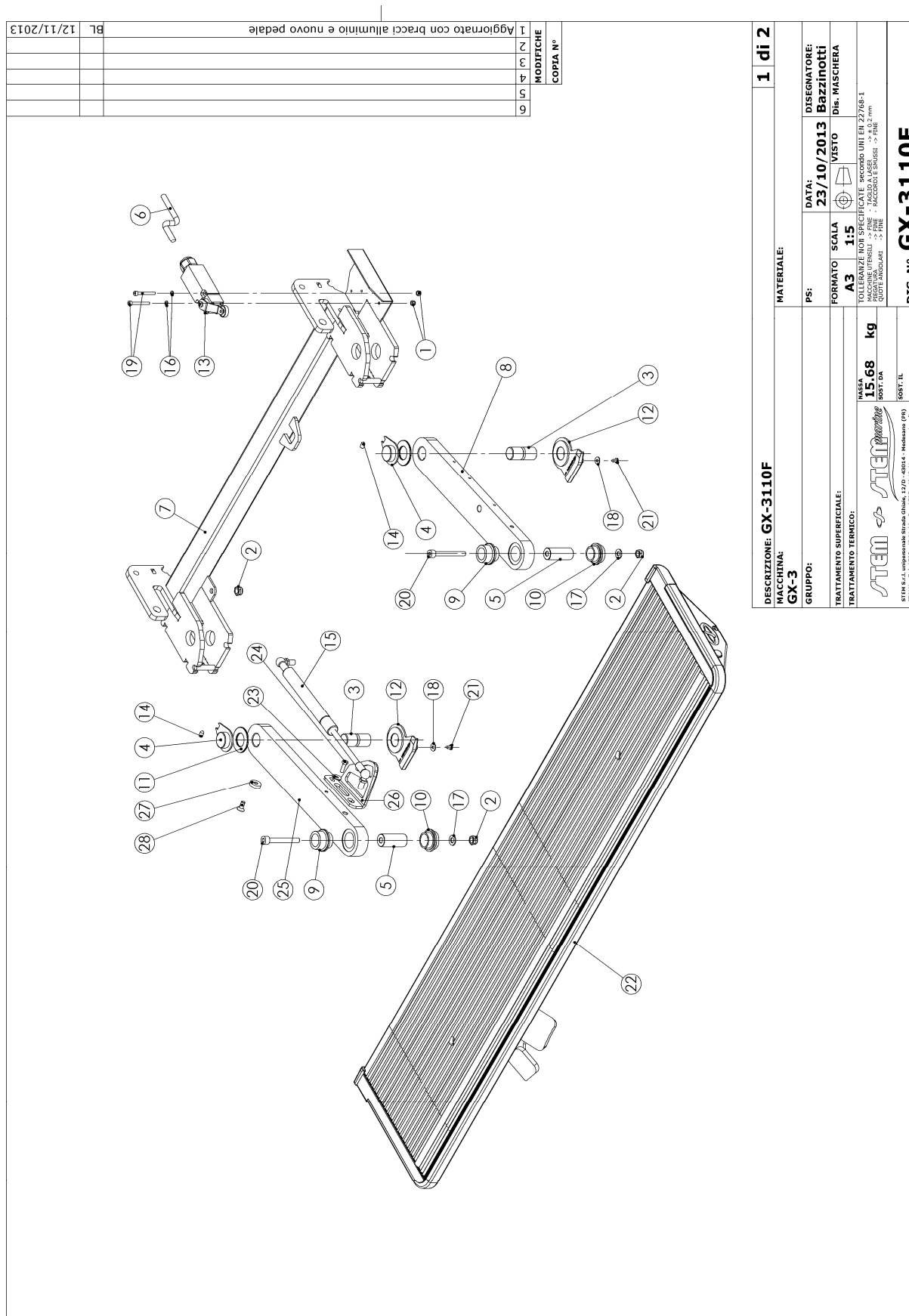


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[illegible]

GX-3110F CHASSIS

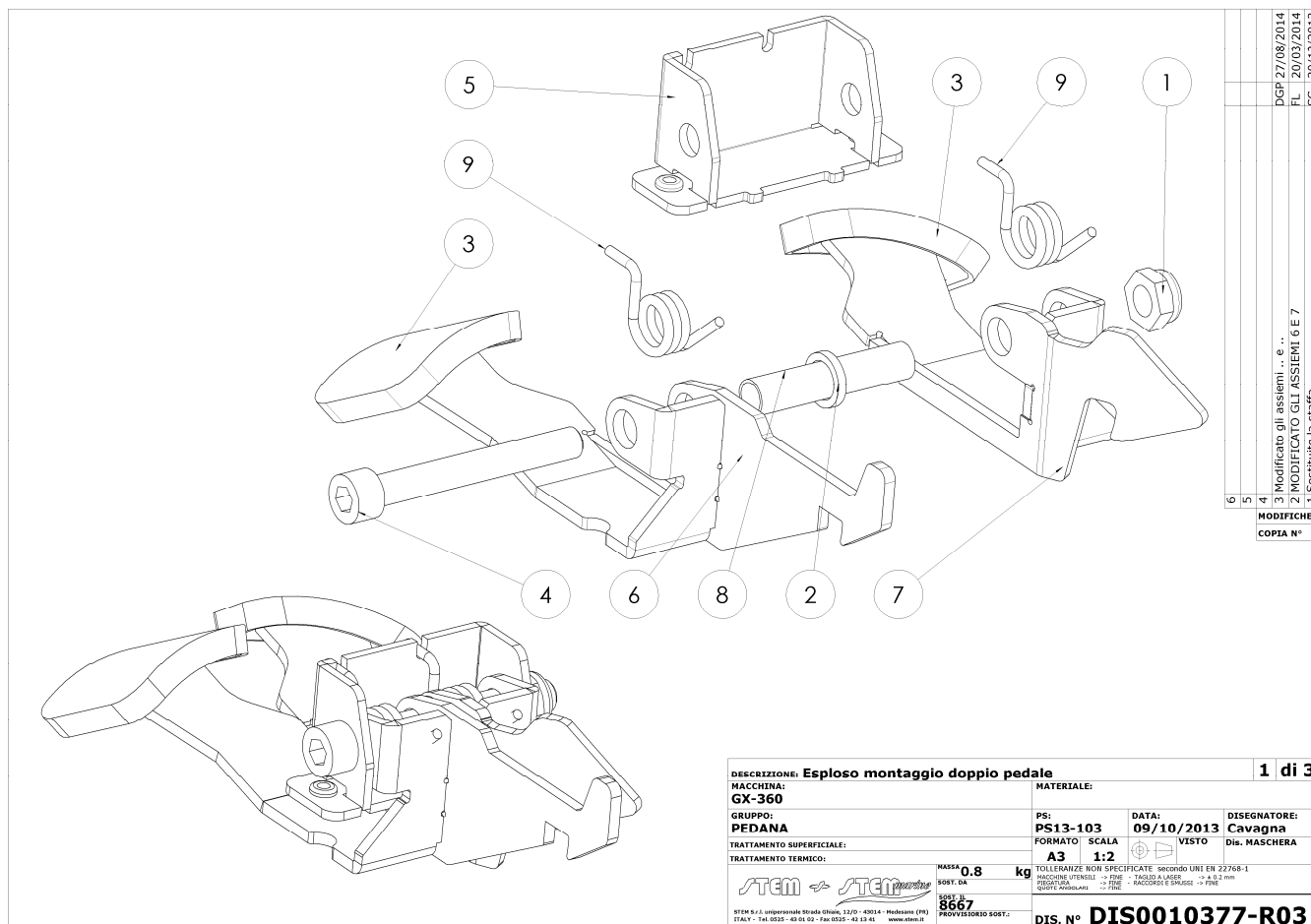
POS	CODICE	COMPONENTE	QTA'
1	DAAUBA04I	Nut	2
2	DAAUBA08I	Nut	3
3	DIS0004042-R03	Pin back	2
4	DIS0004066-R04	Bushing rear Sup	2
5	DIS0006183-R00	Pin Ø20 platform	2
6	DIS0007747-R00	Cable	1
7	DIS0009873-R04	Base Frame 1100	1
8	DIS0010462-R00	Right arm	1
9	DIS0010535-P00	Bush	2
10	DIS0010536-P00	Bush	2
11	DIS0010537-P00	Bush	2
12	DIS0010538-P00	Bush	2
13	EFINCPASSAGX3	Switch	1
14	GRPU0610I	Grain Pointed M6x10	2
15	MOLGAS200NC110TS1	Spring	1
16	RO04I	Washer	2
17	RO08I	Washer	2
18	RO04012I	Washer	2
19	TCEI04035I	Screw	2
20	TCEI08060I	Screw	2
21	VATC4295I	Screw	2
22	DIS0008673-R03	Platform 1100 GX-3	1
23	RO05015I	Washer	1
24	TE05016I	Screw	1
25	DIS0010463-R01	Left arm	1
26	DIS0011420-R00	Bracket hook GX-3	1
27	DIS0011396-R01	Spacer	1
28	TPSE06014IF	Screw	1



PEDALS

RIF. DRW. 10377

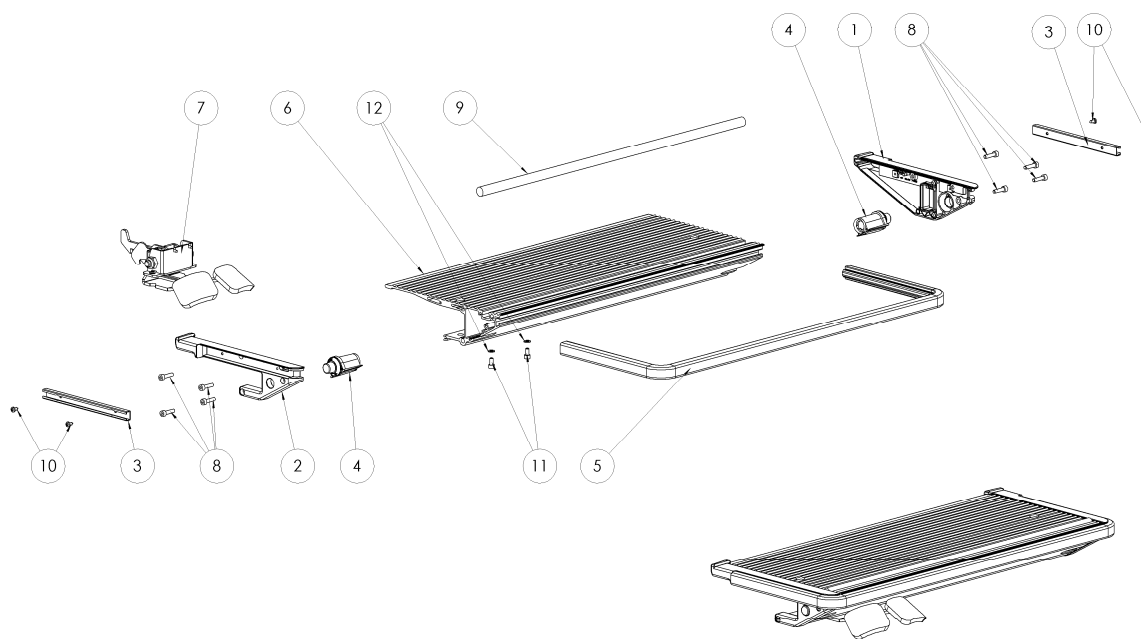
POS	CODICE	COMPONENTE	QTA'
1	DAAUBA10I	Nut	1
2	DIST2908EA00	Spacer $\varnothing 18-13 -3$	1
3	COPRIPED00	Pedal Cover rubber	2
4	TCEI10080I	Screw	1
5	DIS0010651-R00	Asm. Pedal bracket GX-3	1
6	DIS0010392-R01	Asm. pedal opening	1
7	DIS0010395-R02	Asm. pedal release	1
8	DIS0010402-R00	Driving round double pedal	1
9	DIS0010409-R02	Pedal spring GX-360	2



PLATFORM 600

RIF. DRW. 10558

POS	CODE	COMPONENT	Q.TY
1	DIS0004069-R00	Closing lat. Step DX	1
2	DIS0004100-R00	Closing lat. Step SX	1
3	DIS0005354-R04	Support's bumper	2
4	DIS0007012-R00	Lamp holder	2
5	DIS0009677-R00	Rubber profile l=946mm	1
6	DIS0010338-R00	Working Platform 600	1
7	See pag. 27	Exploded mont. double pedal	1
8	TCEI05020I	Screw	8
9	TONDGOM14	Rubber	1
10	VATC3995I	Screw	4
11	TCEI05010I	Screw	2
12	RO05I	Washer	2



10	5	4	3	2	1
1 Cambiato il fissaggio del pedale					
MODIFICHE					
COPIA N°					

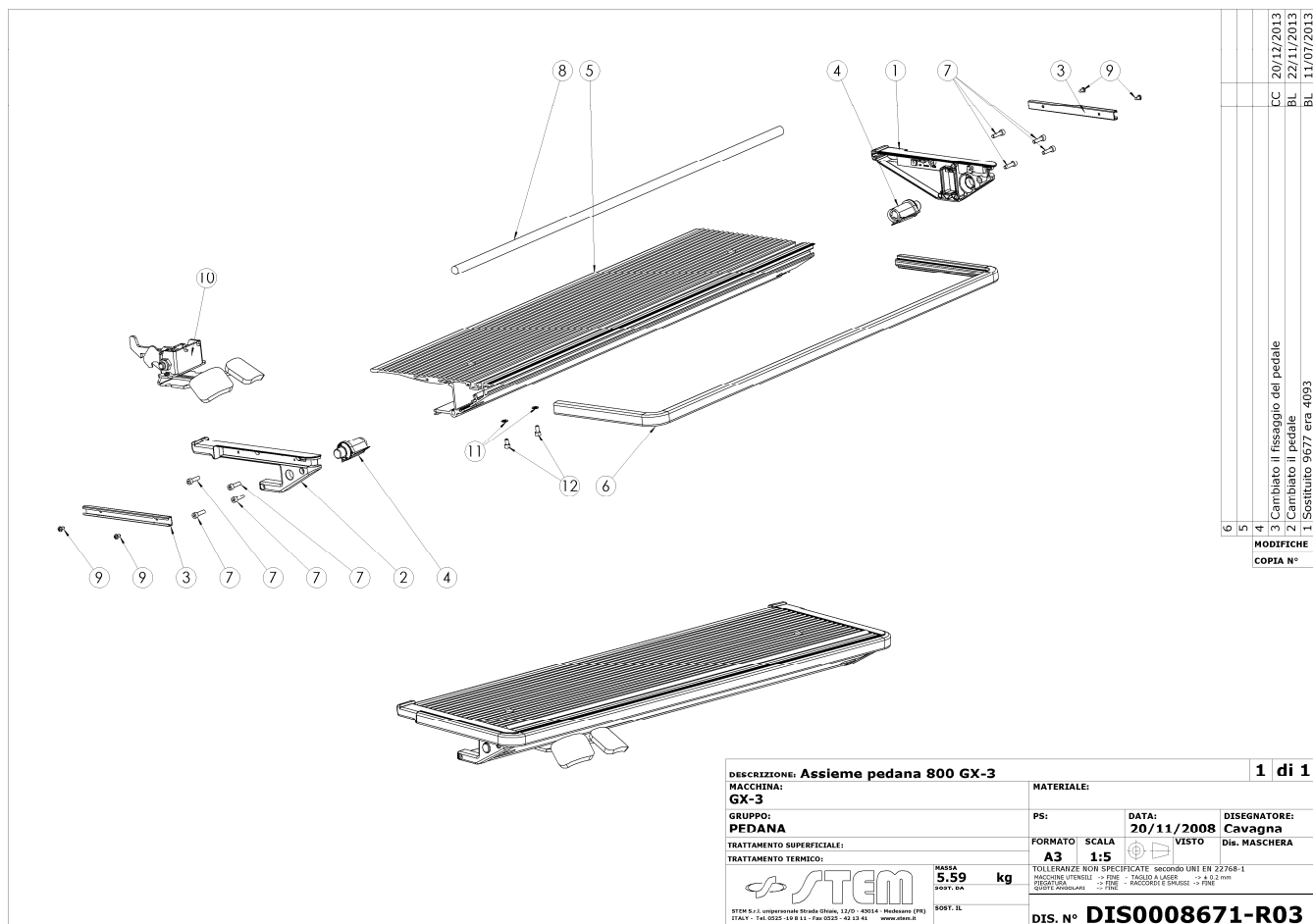
DESCRIZIONE: Assieme pedana 600 GX-3				1 di 1	
MACCHINA: GX-3				MATERIALE:	
GRUPPO: PEDANA				PS:	
TRATTAMENTO SUPERFICIALE:				DATA: 27/11/2013	
TRATTAMENTO TERMICO:				DISEGNATORE: Bazzinotti	
				VISTO	
MASSA 4.20 kg SOST. DA				FORMATO A3 SCALA 1:5 TOLLERANZE NON SPECIFICATE secondo UNI EN 22768-1 MACCHINE UTENSILI -> FINE - TAGLIO A LASER -> FINE FORATURA -> FINE - RACCORDI E BRUSCHI -> FINE QUOTE ANGOLARI -> FINE	
STEM S.r.l. unipersonale Strada Ghisla, 12/9 - 43014 - Medesano (PR) ITALY - Tel. 0525-19 811 - Fax 0525-42 19 41 - www.stem.it				DIS. N° DIS0010558-R01	

QUESTO DISEGNO E' DI PROPRIETA' DELLA STEM S.r.l. unipersonale CHE SE NE RISERVA I DIRITTI SANCITI DALLA LEGGE

PLATFORM 800

RIF. DRW. 8671

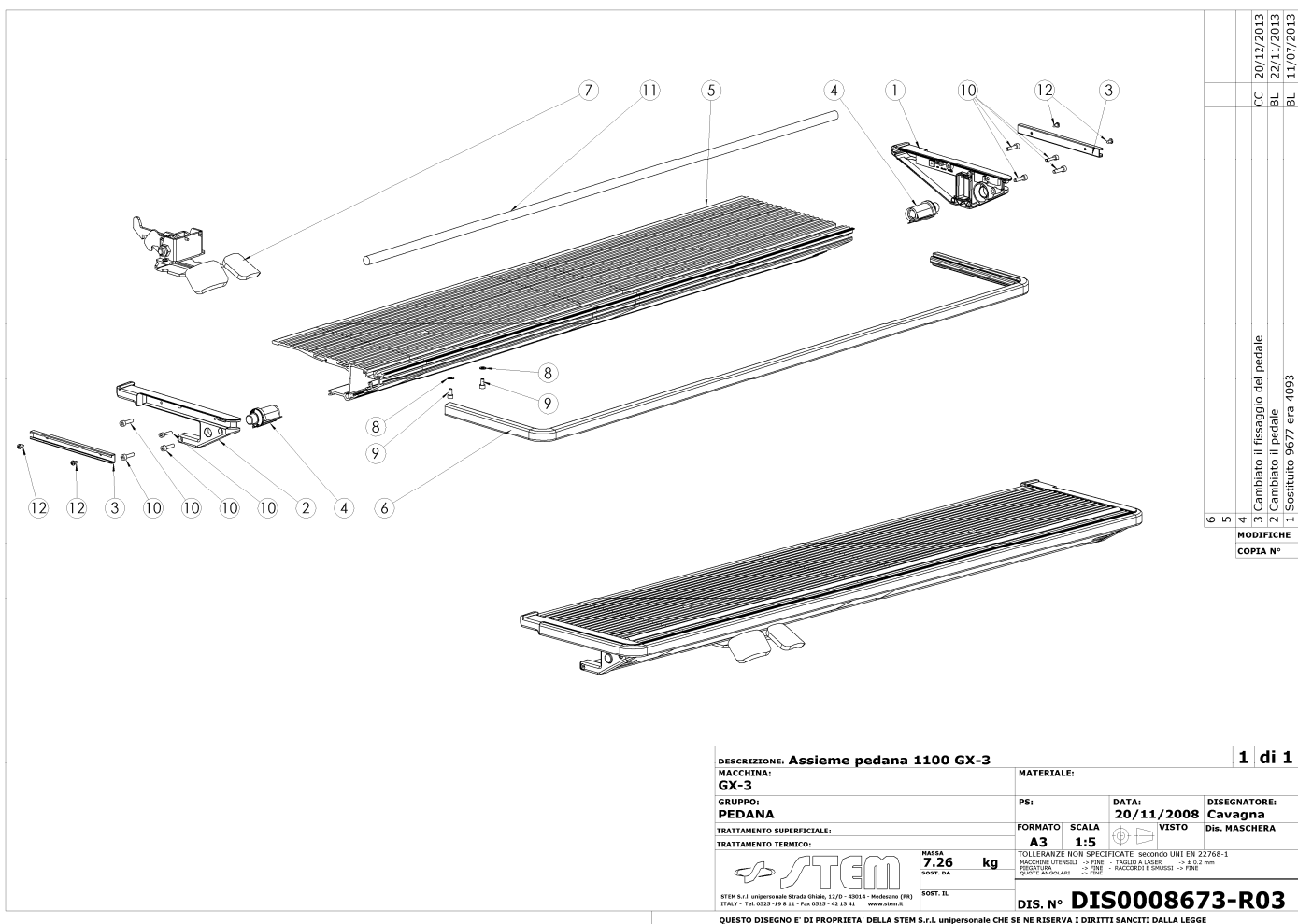
POS	CODE	COMPONENT	Q.TY
1	DIS0004069-R00	Closing lat. Step DX	1
2	DIS0004100-R00	Closing lat. Step SX	1
3	DIS0005354-R04	Support's bumper	2
4	DIS0007012-R00	Lamp holder	2
5	DIS0008286-R05	Working Platform 800	1
6	DIS0009677-R00	Rubber profile	1.3
7	TCEI05020I	Screw	8
8	TONDGOM14	Rubber	1
9	VATC3995I	Screw	4
10	See pag. 27	Exploded mont. double pedal	1
11	RO05I	Washer	2
12	TCEI05010I	Screw	2



PLATFORM 1100

RIF. DRW. 8673

POS	CODICE	COMPONENTE	Q.TA'
1	DIS0004069-R00	Closing lat. Step DX	1
2	DIS0004100-R00	Closing lat. Step SX	1
3	DIS0005354-R04	Support's bumper	2
4	DIS0007012-R00	Lamp holder	2
5	DIS0008285-R04	Working Platform 1100	1
6	DIS0009677-R00	Rubber profile 1600mm	1
7	See pag. 27	Exploded mont. double pedal	1
8	RO05I	Washer	2
9	TCEI05010I	Screw	2
10	TCEI05020I	Screw	8
11	TONDOGOM14	Rubber	1
12	VATC3995I	Screw	4



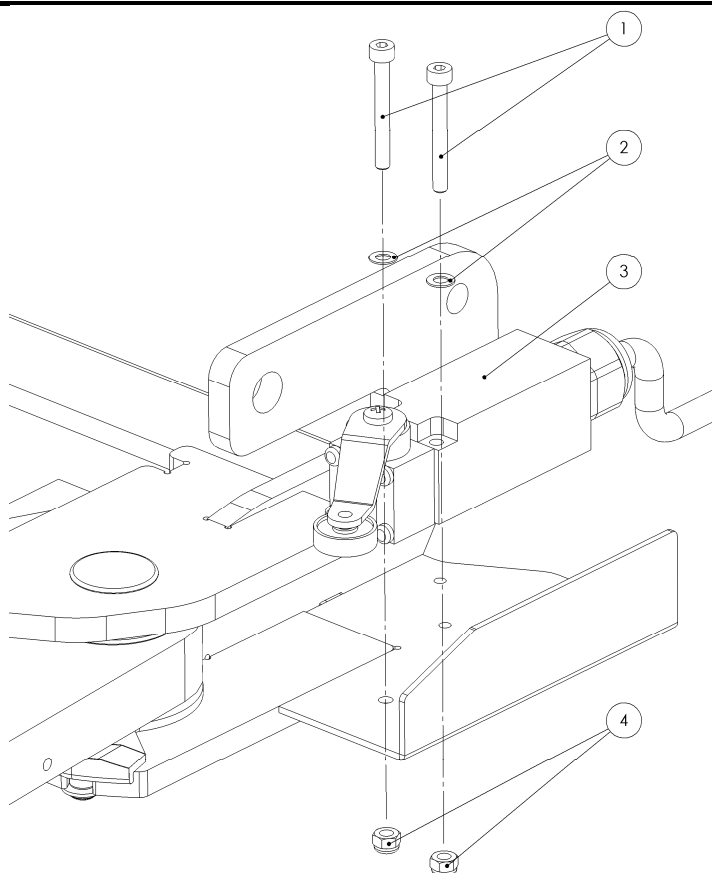
6.3 OPTIONAL: KIT FINE CORSA


ATTENTION!

THE WIRING OF THE SWITCH IS THE INSTALLERS RESPONSIBILITY
AS FOR ALL PROCEDURES IN COMPLIANCE WITH POLICIES REGARDING
ELECTRICAL INSTALLATIONS ON MOTOR VEHICLES

Wiring must be carried out according to the technical characteristics of the switch found below.

NOTE: the cable's diameter must be included from 5 to 12 mm



POS	CODE	DESCRIPTION	Q.TY	POS	CODE	DESCRIPTION	Q.TY
1	TCEI04035I	Screws	2	3	EFINCPASSAGX3	Switch	1
2	RO04I	Washer	2	4	DAAUBA04I	Nut	1

DATI TECNICI

Layout of the contacts	1 N. A. + 1 N.C.
Contacts capacity (RESISTIVE LOAD)	10A 250Vac

7. DISMANTLING AND DISPOSAL

7.1 PUTTING OUT OF SERVICE AND DISMANTLING

At the end of its useful life the step has to be put out of service.
Generic technical personnel (with suitable training) can carry out this operation.



The step identification plate must be destroyed. It is absolutely prohibited to use such plate for other steps, even if identical.

7.2 SELECTIVE SEPARATION OF MATERIALS

The materials listed below have to be separated and stored to be recovered or disposed in full compliance with environment rules in force.

MATERIAL	COMPONENTS
Aluminium	Anti-slip footboard
Common steel (painted, galvanized and chromium-plated)	Pins, frames, and bolts and nuts
Plastic and rubber	Buffers and casings

7.3 DISPOSAL

All of these materials have to be disposed of in full compliance with the rules in force in the country in question. For the correct disposal use special, authorized services for disposal and treatment or apply to relevant authority to get details about disposal methods and places.



Do not dispose of into the environment under any condition

REVISION	DATE	REVISIONED PAGES
150212	12/02/2015	

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