



# **MACHINES & EQUIPMENTS** **for Georgian Bar Production**

***Catalogue 2012 - v 01***

## **AL7 MEIPA Srl**

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# Cutting machines

## 16313

Swift cutting machine with pneumatic vices  
Calibrated cuts from 0° to 60°



## 19.405.001

Spare saw blade for 16313 (16315)



## 16320

Down-up cutting machine. The saw blade works bottom-up. The index cutting head rotates from 90° right to 90° left



## 19.405.005

Spare saw blade for 16320



## 16315

Chamfering machine (45°)



## 19.405.001

Spare saw blade for 16315 (16313)



# Accessories for cutting machines

## 16315.10

Plastic baseplate for cutting machine 16315



Baseplate

## 16320.10

Plastic baseplate for cutting machine 16320

## Swift System Equipments

REST FOR PROFILES	Code	Profile
	16320.1607	N70317
	16320.2507	N75257
	16320.4507	T76457
	16320.1808	N18087
	16320.2605	T26057
	16320.2608	N26087
	16320.4508	T45087
	16320.1810	NS1810
	16320.2610	NS2610
	16320.4510	TS4510
	16320.10808	T10808
	16320.10818	T10818
16320.10757	T10757	

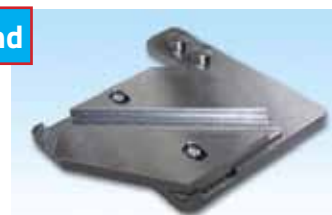


Rest for profile

## Mitering System Equipments

Code	Profile
16320.M1607	N70317
16320.M2507	N75257

On demand



## 16320.01

Metal baseplate for cutting machines

## Loading support with rollers: (in & out) for 16313 & 16320

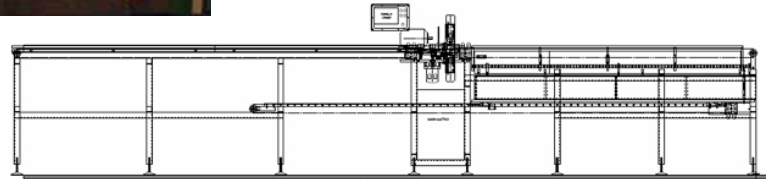
Code	Description
16330	Loading support (10 rolls), length 3 m
16330.5	Loading support (10 rolls), length 5 m
16340.3	Manual linear measurer with digital display, length 3 m
16340.5	Manual linear measurer with digital display, length 5 m
16345.3	Automatic linear measurer with digital display, length 3 m
16345.5	Automatic linear measurer with digital display, length 5 m



# Automatic multifunction machines

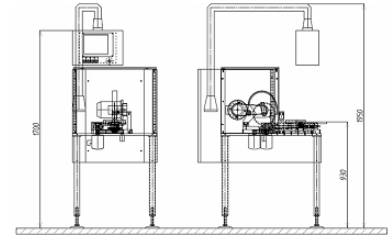
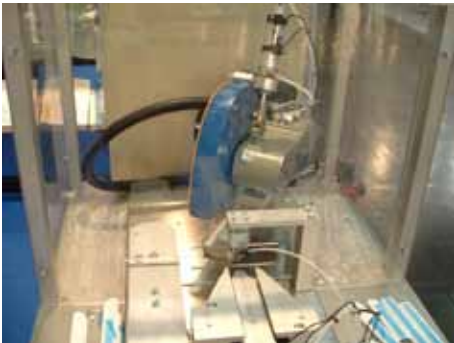
## 2023

Opti Super 2023: optimization, automatic cutting and drilling machine  
Sw interface and touch screen



## 5023

Multifunction automatic chamfering machine for variable angles



# Automatic mitering machines

## 3000

Automatic mitering machine works to mitre at the same time 4 or 5 Georgian bars for crossings and "T" junctions



# Milling machines

## 6000

Manual milling machine for calibrated milling from 0° to 80° and curves



## Swift System accessories for 6000

REST FOR PROFILES	Code	Profile	Dim.
	6000.N2005	N20054	20x5
	6000.N2605	T26057	26x5
	6000.N1607	N70317	16x7
	6000.N2507	N75257	25x7
	6000.N4507	T76457	45x7
	6000.N1808	N18087	18x8
	6000.N2608	N26087	26x8
	6000.N4508	T45087	45x8
	6000.N1810	NS1810	18x10
	6000.N2610	NS2610	26x10
	6000.N4510	TS4510	45x10



Rest for profile

## Milling cutter diam. 150 mm (z = 20)

MILLING CUTTERS	Code	Profile	Dim.
	7115.23	N20054	20x5
	7115.20	T26057	26x5
	7115	T70317-T75257-T76457	16-25-45x7
	7115.01	N70317-N75257-T76457	16-25-45x7
	7115.15	N18087	18x8
	7115.11	N26087	26x8
	7115.19	T45087	45x8
	7115.12	NS1810	18x10
	7115.13	NS2610	26x10
	7115.14	TS4510	45x10
	7115.10	T10757	10x8
	7115.17	T10808	10x8
	7115.18	T10818	10x8



Milling cutter  
diam. 150 mm  
z = 20

## 6003

Manual milling machine for high standard production 6-8 profiles at once (90° only)



### Swift System equipments for 6003

REST FOR PROFILES	Code	Profile	Dim.
	6003.N2005	N20054	20x5
	6003.N2605	T26057	26x5
	6003.N1607	N70317	16x7
		N75257	25x7
		T76457	45x7
	6003.N1808	N18087	18x8
	6003.N2608	N26087	26x8
	6003.N4508	T45087	45x8
	6003.N1810	NS1810	18x10
	6003.N2610	NS2610	26x10
	6003.N4510	TS4510	45x10



Rest for 6-8 profiles

### Milling cutter diam. 150 mm (z = 20)

MILLING CUTTERS	Code	Profile	Dim.
	7115.23	N20054	20x5
	7115.20	T26057	26x5
	7115	T70317-T75257-T76457	16-25-45x7
	7115.01	N70317-N75257-T76457	16-25-45x7
	7115.15	N18087	18x8
	7115.11	N26087	26x8
	7115.19	T45087	45x8
	7115.12	NS1810	18x10
	7115.13	NS2610	26x10
	7115.14	TS4510	45x10
	7115.10	T10757	10x8
	7115.17	T10808	10x8
	7115.18	T10818	10x8



Milling cutter  
diam. 150 mm  
z = 20

# 7003

Automatic milling machine to equip with three milling cutters

ZERO SET UP & PERMUTATION PROFILES



## Kit of milling cutter + 90° vices

KIT MILLING CUTTER + 90° VICES	Code	Profile	Dim.
	7003.2005	N20054	20x5
	7003.2605	T26057	26x5
	7003.1607	N70317	16x7
		N75257	25x7
		T76457	45x7
	7003.1808	N18087	18x8
	7003.2608	N26087	26x8
	7003.4508	T45087	45x8
	7003.1810	NS1810	18x10
	7003.2610	NS2610	26x10
	7003.4510	TS4510	45x10
	7003.10808	T10757	10x8
	7003.10818	T10808	10x8
7003.10757	T10818	10x8	



Kit of milling cutter and 90° vices

## Kit of 45° & 60° vices

45° & 60° VICES	Code	Profile	Dim.
	7003.16071	N70317	16x7
		N75257	25x7
	7003.18081	N18087	18x8
	7003.26081	N26087	26x8
	7003.18101	NS1810	18x10
7003.26101	NS2610	26x10	



Kit of 45° & 60° vices

## Kit of 30° vices

VICES 30°	Code	Profile	Dim.
	7003.16072	N70317	16x7
		N75257	25x7
	7003.18072	N18087	18x8
	7003.26082	N26087	26x8
	7003.18102	NS1810	18x10
7003.26102	NS2610	26x10	

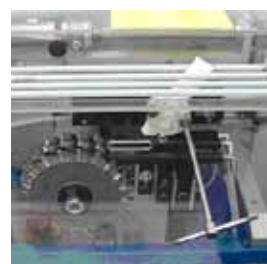


Kit vices 30°

## Nonius (Vernier)

NONIUS	Code	Profile	Dim.
	7130.1607	N70317	16x7
	7130.2507	N75257	25x7
	7130.1807	N18087	18x8
7130.2608	N26087	26x8	

Nonius (Vernier)



## Milling cutter diam. 150 mm

MILLING CUTTERS	Code	Profile	Dim.
	7115.23	N20054	20x5
	7115.20	T26057	26x5
	7115.01	N70317-N75257-T76457	16-25-45x7
	7115.15	N18087	18x8
	7115.11	N26087	26x8
	7115.19	T45087	45x8
	7115.12	NS1810	18x10
	7115.13	NS2610	26x10
	7115.14	TS4510	45x10
	7115.10	T10757	10x8
	7115.17	T10808	10x8
7115.18	T10818	10x8	



Milling cutter  
diam. 150 mm  
z = 20

# Curving machines

## 7011

Manual curving machine equipped with 1 adjustable 2 fixed rolls for Germanella profiles and aluminium spacers

**1 manual axe**



## 7011S

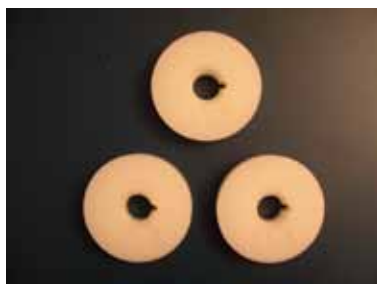
Manual curving machine equipped with 3 dedicated 150 mm diameter rolls for 3 different profiles among Georgian bars and/or spacers.

**1 manual axe**



Other sizes on demand

**7011S.####**



Rolls are designed and carried out to lodge three profiles among Georgian bars and/or spacers

## 7022

Semiautomatic curving machine for Georgian bars and spacers (aluminium, stainless steel, ss and plastic, etc...)

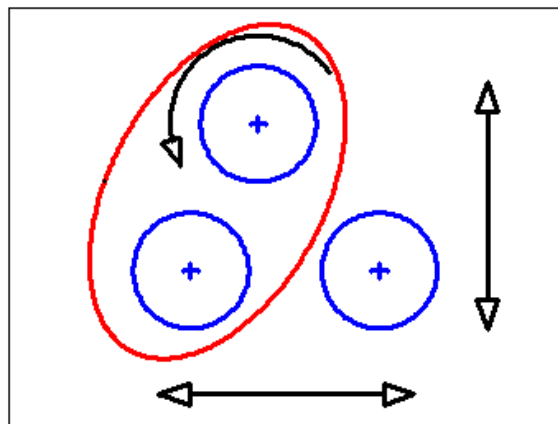
**1 manual axe**  
**2 automatic axes**



## 7030

Automatic curving machine equipped with touch screen and SW with 4 function modes for Georgian bars and spacers (aluminium, stainless steel, ss and plastic, etc...)

**3 automatic axes**



6 languages



4 function modes



touch screen

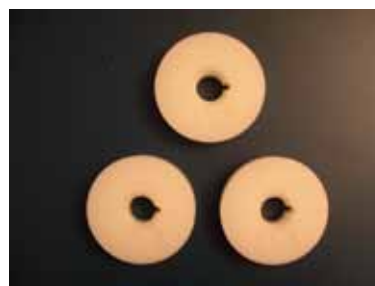
## Set of teflon reinforced rings to curve Georgian bars and spacers, (ref. curving machines 7022 & 7030)

<b>SET REINFORCED RINGS GB</b>	<b>Code</b>	<b>Profile</b>	<b>Dim.</b>
	7030.N2005	N20054	20x5
	7030.N2605	T26057	26x5
	7030.N1607	N70317	16x7
	7030.N2507	N75257	25x7
	7030.N1808	N18087	18x8
	7030.N2608	N26087	26x8
	7030.N1810	NS1810	18x10
	7030.N2610	NS2610	26x10
	7030.N11171	(P)T11171	9x5
	7030.N10757	T10757	10x8
	7030.N10808	T10808	10x8
7030.N10818	T10818	10x8	



## Set of plastic rings for Georgian bars (ref. curving machines 7022 & 7030)

<b>SET OF PLASTIC RINGS FOR GB</b>	<b>Code</b>	<b>Profile</b>	<b>Dim.</b>
	7030.P2005	N20054	20x5
	7030.P2605	T26057	26x5
	7030.P1607	N70317	16x7
	7030.P2507	N75257	25x7
	7030.P1808	N18087	18x8
	7030.P2608	N26087	26x8
	7030.P1810	NS1810	18x10
	7030.P2610	NS2610	26x10
	7030.P11171	P(T)11171	9x5
	7030.P10757	T10757	10x8
	7030.P10808	T10808	10x8
7030.P10818	T10818	10x8	



<b>... FOR SPACERS</b>	<b>Code</b>	<b>Dim.</b>	<b>Code</b>	<b>Dim.</b>
	7030.S055	5.5	7030.S135	13.5
	7030.S065	6.5	7030.S145	14.5
	7030.S075	7.5	7030.S155	15.5
	7030.S085	8.5	7030.S175	17.5
	7030.S095	9.5	7030.S195	19.5
	7030.S105	10.5	7030.S235	23.5
	7030.S115	11.5		

# Pneumatic punching machines

## 11100

Pneumatic punching machine  
for GERMANELLA P & T  
(half lap joints)  
Measuring bar 600 mm

Measuring bar 1200 mm on demand



## 11102

Special tool to notch Germanella  
bar ends for L or T junctions



## 11103

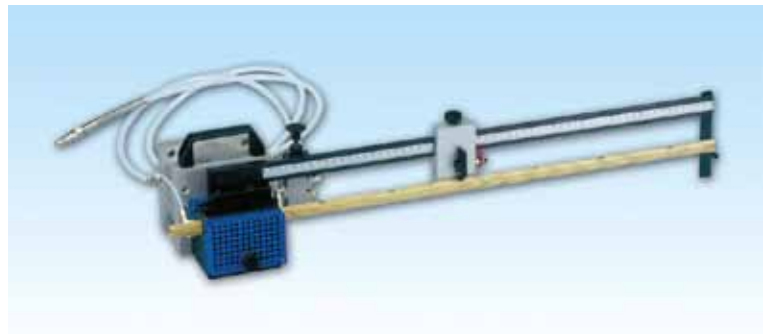
Punching tool to core-drill spacer frame  
to fix end connectors with pin



## 16###

Pneumatic punching machine for milled joints  
Measuring bar 600 mm

Measuring bar 1200 mm on demand



## Spare punch

	Code	Description	Spare part	Dim.
<b>SPARE PUNCH</b>	11100	for P11171-T11171	11100.02.12	9x5
	16100	for N70317-T70317	16151	16x7
	16125	for N75257-T75257	16152	25x7
	16223	for N18087 pin 4X4 or diam 4mm	16153	18x8
	16224	for N26087 pin 4X4 or diam 4mm	16154	26x8
	16225	for N26087 pin 2,5X8 mm	16155	26x8
	16233	for NS1810 pin 4X4 or diam 4mm	16153	18x10
	16234	for NS2610 pin 4X4 or diam 4mm	16156	26x10



# Drilling templates and tools

## Drilling template for 30° -45° - 60° -90°

TEMPLATES	Code	Profile	Remarque
	7016	N70317	Coated
	7017	N70317	Foiled
	7516	N75257	Coated
	7517	N75257	Foiled



## Drilling template for 90°

TEMPLATES	Code	Profile	Dim.
	7618	T76457	45x7
	7625	T45087	45x8
	7628	TS4510	45x10
	7211	T10757	10x8
	7213	T10818	10x8
7214	T10808	10x8	



## Drilling template for arcs

TEMPLATES	Code	Profile	Dim.
	7018	N70317	16x7
		N75257	25x7
	7024	N18087	18x8
		N26087	26x8
	7025	NS1810	18x10
NS2610		26x10	



## 7722

### Pneumatic drill for Georgian bars

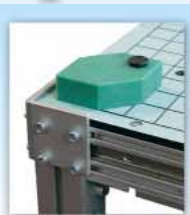
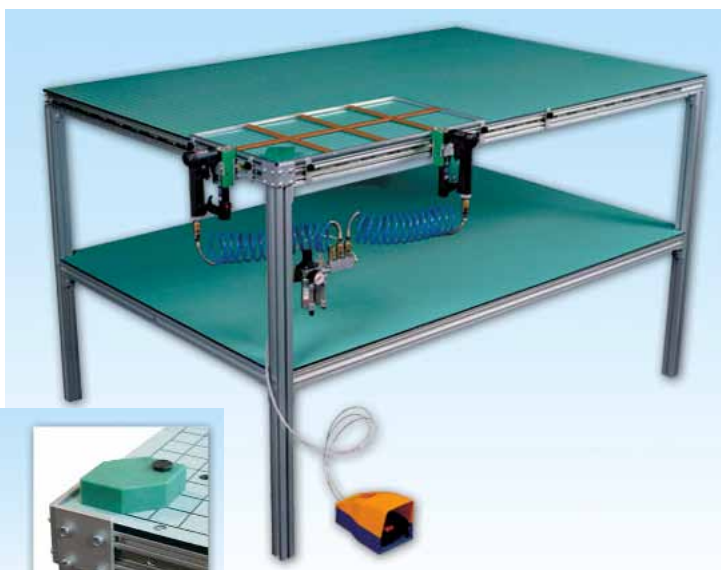


# Fixing & handling equipments

## 16402

Stapling table For Georgian bars  
Dim. 2m x 1,3m

Equipped with pneumatic piston for spacer clamping, guides for stapling guns and two adjustable stapling guns



## 7700



Pneumatic stapling gun

## 7708



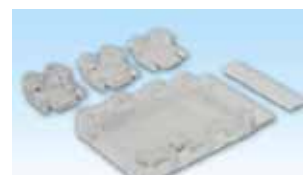
8 mm staples

## 7716



14 mm staples

## 7701



Set of centring spacers for stapling gun code 7700

## 16450



Trolley for profiles and spacer bars

## 16351



Plastic stackable tray for profiles

## Terms and Conditions of Sale and Delivery for International Operations of AL7-MEIPA Srl

1. Entire agreement and modifications
  - 1.1. All offers, negotiations and other services of AL7-MEIPA Srl to the Purchasers mentioned in paragraph 2 shall be based solely on these "Terms and Conditions of Sale and Delivery for International Operations". Counter confirmation on the part of the Purchaser by way of reference to his terms and conditions of business or purchase is hereby rejected. Terms and conditions of the Purchaser to the contrary, or those that differ from ours, shall only become the subject matter of contract if these have been expressly recognised by us in writing.
  - 1.2. Our "Terms and Conditions of Sale and Delivery for International Operations" shall only be deemed valid regarding negotiations with foreign Purchasers (outside the Republic of Italy) who, upon the conclusion of contract, act by way of performing their professional or commercial activity. Our "Terms and Conditions of Sale and Delivery for Domestic Operations" are deemed applicable with regard to our domestic Purchasers.
  - 1.3. SHALL THE PURCHASER NOT RETURN THIS CONTRACT DULY SIGNED FOR ACCEPTANCE WITHIN 3 DAYS FROM RECEIPT OF AL7-MEIPA'S ORDER CONFIRMATION, SUCH CONTRACT WILL BE CONSIDERED AS VALID AND REGULARLY ACCEPTED BY THE PURCHASER.
2. Drawings and descriptions; duty on the part of the Purchaser to advise
  - 2.1. We reserve the right regarding all ownership interests, copyrights and industrial proprietary rights (including the right to register these rights) to drawings, plans, samples, cost estimates and other documents or electronic data pertaining to the delivery item. The stated documents may only be used for the purpose in accordance with the regulations and may not be forwarded to third parties without our approval.
  - 2.2. Prior to the conclusion of contract the Purchaser is to advise us insofar as the ordered delivery item
    - should not be solely suitable as regards ordinary use,
    - is applied subject to unusual conditions or conditions that engender increased stress or which pose a particular health hazard, safety risk or danger to the environment,
    - is intended to be used to process unusual materials.
3. Conclusion and content of contract
  - 3.1. The details and information stated in the product catalogues and price lists shall only be deemed legally binding elements of the contract if the contract expressly refers to such details and information.
  - 3.2. The subject matter of contract shall be ultimately specified by way of the product description contained in our written offer or our written confirmation of order. Subsidiary agreements, oral declarations by salaried employees or representatives as well as amendments of existing orders (including amendments of delivery items) shall be subject to our written confirmation in order to be deemed valid.
4. Alterations to the delivery item
  - 4.1. We reserve the right to make construction and material changes as regards the description of the delivery item agreed upon as per contract insofar as the normal use or the use of the delivery item presumed on the basis of the contract is not impaired in a considerable or permanent manner, and the alteration is acceptable to the Purchaser.
  - 4.2. Requests for alteration on the part of the Purchaser shall be taken into account in accordance with an appropriate agreement aimed at providing for the effects on the price and delivery period.
5. Prices, payment
  - 5.1. In the absence of a special agreement, the price details are to be understood ex-works (EXW) plus packaging, shipping, insurance and the taxes and other levies associated with the delivery.
  - 5.2. Payments are to be effected in the currency that is stated in our offer or in our confirmation of order.
  - 5.3. Payments are to be effected by the terms that are stated in our offer, confirmation of order, or invoice. Irrespective of the means of payment, the payment shall only be deemed effected once the full payment has been irrevocably credited to our account so that we can dispose of such an amount (receipt of payment). All additional costs incurred as a result of the choice of means of payment shall be borne by the Purchaser.
  - 5.4. Insofar as the Purchaser fails to pay the purchase price within the agreed payment period, we may demand legal interest according to the Main Refinancing Interest Rate of the European Central Bank irrespective of other legal remedies. We are free to furnish proof of actual greater damage.
  - 5.5. Setting off or settling or exercising a right of retention shall only be permitted as a result of legal claims of the Purchaser that have been recognised by us and such which are not disputed, which are ready for judgement or which have become res judicata.
6. Delivery period, creditworthiness doubts, taking possession of delivery item
  - 6.1. The delivery period arises from the agreements between the contracting parties. The provision in good time of all the documents to be surrendered by the Purchaser and the complete clarification of the technical questions to be answered by the Purchaser as well as the details to be provided by the Purchaser regarding the requested design shall be deemed the preconditions as regards adherence to the delivery period.
  - 6.2. The delivery period shall be deemed to have been met if the circumstances in accordance with Item VII, paragraph 2, that bring about the passing of risk, have occurred prior to the expiry of the delivery period.
  - 6.3. The delivery period shall be extended accordingly in the event that we are not able to honour our obligation to deliver, or not honour it in good time, as a result of an obstacle outside our sphere of influence which, on conclusion of contract, could not have been reasonably foreseen by us. The obstacles outside our sphere of influence include, in particular, self-supply on the part of our suppliers which is not within the fixed period and is not carried out in due form. We shall inform the Purchaser as soon as possible of the start and end of the obstacle. If the obstruction lasts for longer than 3 months, or if it has been established that it shall last longer than three months, both the Purchaser and AL7 MEIPA Srl may declare the contract rescinded.
  - 6.4. If, following conclusion of the contract, we become aware of circumstances that justify well-founded doubts regarding the ability to pay or the creditworthiness of the Purchaser, and this places in jeopardy our claim for payment resulting from the concluded contract, we shall be entitled to refuse our performance until payment resulting from the concluded contract has been brought about or a security for the payment has been furnished and the Purchaser has settled other payments commercially linked to the concluded contract which may be due from the business association.
  - 6.5. In the absence of an agreement to the contrary, the Purchaser shall be under obligation to take possession of the delivery item within ten days following receipt of our notice pertaining to the availability of the delivery item at our factory. If this period for taking delivery is exceeded by more than three days, this shall constitute a fundamental breach of contract which – irrespective of other legal remedies – shall also entitle us to make arrangements for the shipping of the delivery item to the Purchaser, and the appertaining formalities, on the Purchaser's account. Refusal to accept the delivery item shall not affect the obligation on the part of the Purchaser to pay the purchase price.
7. Delivery, shipping and passing of risk
  - 7.1. The place of delivery shall be specified in accordance with the delivery clauses agreed upon between us and the Purchaser which are to be interpreted according to Incoterms 2000. Insofar as no special delivery clause has been concluded, deliveries shall at all times be carried out EXW.
  - 7.2. Insofar as nothing to the contrary is agreed upon, the risk shall pass to the Purchaser at the time at which the delivery item has been made available to the Purchaser. If the delivery item is shipped to the Purchaser, the risk shall pass to the Purchaser at the latest at the time at which the initial carrier receives the delivery item. If the shipping of the delivery item is delayed as a result of circumstances which are not our responsibility, the risk shall pass to the Purchaser upon notification of the readiness for shipment.
  - 7.3. On Purchaser's request, all consignments shall be insured on his account as from the passing of risk. In the event of damage, we shall assign the claims resulting from the insurance step by step to the Purchaser against provision of the Purchaser's contractual services (including reimbursement of the insurance premium).

#### 8. Preparation of assembly etc.

Insofar in case of our performance may include setting up, assembling and/or commissioning the delivery item, or similar work, the Purchaser undertakes to take all action at the workplace so that the envisaged work can be carried out. The Purchaser undertakes, in particular, to make available at the workplace electrical connections, connections for compressed air equipment and sufficient lighting. Furthermore, dry and lockable rooms for storing the assembly personnel's tools are to be provided.

#### 9. Inspection test, acceptance

9.1. In the event that assembly work is carried out, the parties may, in particular, agree that the degree to which the delivery item is in line with the contract be stipulated by way of a joint inspection test.

9.2. In the event that no inspection test is agreed upon, we shall inform the Purchaser of the date of the inspection test.

9.3. The cost of the inspection test (including the cost of trial substances and production equipment and facilities) shall be borne by the Purchaser.

9.4. A written record of the inspection test shall be drawn up and signed by both parties. Possible faults pertaining to the delivery item are to be noted.

9.5. The delivery item shall be deemed accepted if

- it contains no defects, or merely insignificant defects or
- the inspection test cannot be carried out due to negligence on the part of the Purchaser, or
- The Purchaser has put the delivery item into operation for his own commercial purposes.

9.6. If the delivery item proves to lack conformity with the contract during the inspection test, we shall be entitled and under obligation without delay to eliminate the delivery item's lack of conformity with the contract. In other respects the regulations of Item 10 are deemed applicable.

10. Lack of conformity of delivery item or documents with contract, notice of defects, warranty

10.1. Insofar as no joint inspection test is carried out, the Purchaser is to inform us in writing without delay upon taking possession of the delivery item of a recognisable lack of conformity of the delivery item and/or the documents with the contract, at the latest within one week after having taken possession of the delivery item. The Purchaser is also to precisely describe the type of lack of conformity of the delivery item with the contract. Furthermore, the Purchaser is to inspect the delivery item and/or the documents without delay, at the latest within one week after having taken possession of the delivery item. This shall also apply if a joint inspection test is carried out. The Purchaser shall forfeit the right to make reference to a lack of conformity of the delivery item with the contract if he does not provide us with written notification within one week following the time at which he detected the lack of conformity of the delivery item with the contract, or should have detected such a lack of conformity of the delivery item with the contract, and in this respect does not precisely describe the type of lack of conformity with the contract irrespective of the reasons the Purchaser puts forward for the non-adherence to these requirements. The written notice of defects on the part of the Purchaser must have been sent within the one week deadline as from the taking of possession of the delivery item or from the time at which the lack of conformity of the delivery item with the contract is detected. Furthermore, it is necessary that we actually receive the notice of defects that is sent within the specified time.

10.2. If a lack of conformity of the delivery item with the contract cannot be established following a notice of defects, the Purchaser is to reimburse us with the costs associated with the inspection of the delivery item.

10.3. In the event of a lack of conformity of the delivery item or the documents with the contract, we shall be entitled to eliminate such a lack of conformity following the agreed delivery time too by way of a subsequent improvement or replacement delivery. Insofar as nothing to the contrary arises from the contract, or from the circumstances of the conclusion of contract – in particular the negotiations that are held - a lack of conformity shall not be deemed given if the delivery item does not comply with the technical and other norms that are valid in the country of destination (registered office of the Purchaser) or if the delivery item is not suitable for certain applications.

10.4. Insofar as the lack of conformity of the delivery item or the documents with the contract is not eliminated within a reasonable period of time by way of a subsequent improvement or replacement delivery, the Purchaser may demand a reduction of the purchase price in line with the reduced value of the delivery item.

10.5. In the event of a lack of conformity of the delivery item or the documents with the contract, the Purchaser shall not be entitled to demand that the contract be cancelled instead of reducing the purchase price unless the lack of conformity with the contract constitutes a key breach of contract. A key breach of contract shall not be deemed given if we eliminate the lack of conformity with the contract within a reasonable period of time, which must be at least six weeks, that is fixed by the Purchaser.

10.6. The right of the Purchaser to lodge warranty claims shall fall under the statute of limitations, subject to sentence 3, within 12 months following the taking of possession of the delivery item by the Purchaser. If an inspection test has been agreed upon, the statute of limitations shall commence upon the expiry of the day on which the inspection test is carried out or - if such a test cannot be carried out as a result of negligence on the part of the Purchaser - or if it should have been carried out, at the latest, however, upon the expiry of the day on which the Purchaser has put the delivery item into operation for his own commercial purposes. The statute of limitations shall apply in any case as soon as the delivery item has been used for the total of operating hours mentioned in WARRANTY paragraph of the offer.

#### 11. Liability, compensatory damages

11.1. Our liability for compensatory damages - in particular for pecuniary consequential damage as a result of delayed delivery or a lack of conformity of the delivery item or the documents with the contract – is excluded unless it is based at least on gross negligence or intent.

11.2. This does not affect our liability in accordance with the applicable and not modifiable statutory product liability regulations as per agreement.

#### 12. Reservation of title

12.1. The delivery item shall remain our property until payment in full of the purchase price within the meaning of Item V, paragraph 3 insofar as such reservation of title is effective in accordance with applicable law.

12.2. The Purchaser is under obligation to take all action that serves the purpose of retaining this reservation of title or a security interest recognised in the country of destination (registered office of the Purchaser) which serves an equivalent purpose. If the Purchaser violates this obligation, this shall constitute a fundamental breach of contract.

12.3. The provisions pertaining to the passing of risk within the meaning of Item VII, paragraph 2, shall not be affected as a result of the reservation of title agreement.

#### 13. Place of jurisdiction, applicable law

13.1. Solely the courts in Bologna Italy shall be deemed to have jurisdiction for all disputes resulting from the contract. However, contrary to sentence, we are entitled to bring an action against the Purchaser at the courts deemed to have jurisdiction at his registered office.

#### 14. Final provisions

14.1. The invalidity or impracticability of an individual provision of these Terms and Conditions of Sale and Delivery or an agreement of the contracts entered into on the basis of these Terms and Conditions of Sale and Delivery shall not affect the validity of the other provisions or agreements. In the case of an impracticable provision or agreement, the contracting parties shall endeavour to replace such an impracticable provision or agreement with a valid provision or agreement that comes closest to the economic purpose of the invalid or impracticable provision or agreement to such an extent as this is permissible.

14.2. The contracting parties are mutually under obligation to take all acceptable action necessary to achieve the purpose pursued by way of the contract, and to refrain from all actions which adversely affect efforts to achieve and maintain the contract.