CHINESPORT® ITALIA

REHABILITATION and MEDICAL EQUIPMENT

ENGLISH

AP10003 - ELBA 3 | AP20002 - ISCHIA 2

PATIENT TRANSFER CHAIRS

USER AND MAINTENANCE MANUAL

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CE

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1 GENERAL INFORMATION

This manual contains information for practical, correct and safe use of the device and is intended for reading by specialised personnel and the user of the product. It is recommended that you read the entire manual carefully before using the product.
If you have any doubts or need clarification, please contact your dealer who will be able to advise you correctly.
The importance of reading and understanding the user manual is highlighted on the product by the following symbol:

Follow the instructions for use

1.1 MANUFACTURER

	CHINESPORT S.P.A, Via Croazia, 2 - 33100 Udine - Italy
	+39 0432.621.621
	https://www.chinesport.com
	export@chinesport.it

The manufacturer produces in accordance with the quality standard UNI EN ISO 13485:2016

2 PRODUCT DESCRIPTION AND GENERAL INFORMATION

2.1 DESCRIPTION

Elba and Ischia are manually propelled hospital chairs intended for the movement of patients in clinical and hospital environments, rehabilitation centers, long-term care centers, nursing homes and seniors' residences
The structure is painted steel with anti-scratch and anti-corrosion epoxy powders. The footrest is adjustable down to floor level for easy and safe access. The seat and backrest gas spring tilting system provides a safe resting position. Ergonomic armrests fold flat for easy lateral patient transfer. The seat and backrest are ergonomic and covered in washable, antibacterial and flame retardant class 1 IM upholstery.

2.2 INTENDED USE

Transport chair intended for the transfer of patients in a hospital environement.

The use of the device for purposes other than those defined in this manual is prohibited
The manufacturer declines any responsibility for damage to persons or property resulting from improper use of the device or in any case other than that provided for in this manual.
The manufacturer reserves the right to make changes to the product and the manual without prior notice in order to improve its characteristics and performance.

2.3 USERS

Doctors, physiotherapists, nursing staff, social health workers, non-skilled workers, non-professional users.

It is up to the specialist to judge the physical fitness of the patient for whom the product is intended to be used.
Use under operator supervision is always recommended.

2.4 PATIENT GROUPS AND CLINICAL CONDITIONS

There are no particular categories of patients that can be excluded other than patients who demonstrate obvious conditions for which they are unable to remain independently in an upright or sitting posture without unbalancing and falling. Below is a list of some groups of patients who can benefit from the use of occupational therapy and ergotherapy devices:

Patients in Postoperative Rehabilitation
- After orthopedic surgery, such as hip or knee replacement.
- After neurological surgeries, such as removal of brain tumors.

Patients with Neurological Disorders
- Individuals who have suffered a stroke or have traumatic brain injury.
- People with neurodegenerative diseases such as multiple sclerosis or Parkinson's disease.

Children with Developmental Disorders
- Children with autism spectrum disorders (ASD).
- Children with motor or coordination disorders.

People with Physical or Cognitive Disabilities
- Individuals with spinal cord injuries.
- People with cognitive disorders, such as post-traumatic stress disorder (PTSD).

Elderly with Functional Limitations
- Elderly with cognitive decline or dementia.
- Elderly people with reduced mobility or balance.

Patients with Psychiatric Disorders
- Individuals with mood disorders, such as depression or bipolar disorder.

- People with anxiety disorders.

Pediatric Patients with Special Needs
- Children with cerebral palsy.
- Children with Down syndrome.

Oncology patients
- Patients who have completed cancer treatments, such as surgery, chemotherapy or radiotherapy, and who require rehabilitation.

Patients with Respiratory Disorders
- Individuals with chronic lung diseases, such as chronic obstructive pulmonary disease (COPD).

Patients with Traumatic Injuries
- Victims of road accidents or traumatic injuries requiring functional rehabilitation.

Occupational therapy and occupational therapy are adaptable to a wide range of conditions and situations, and interventions are customized to each patient's specific needs.

2.5 USE ENVIRONMENT

Elba and Ischia devices can be used in clinical and hospital environments, rehabilitation centers, long-term care centers, nursing homes and seniors' residences. Use on flat, dry, stable and obstacle-free surfaces. Not for outdoor use.

Ambient temperature	Relative humidity	Atmospheric pressure
5˚C ~ 40˚C	10% ~ 90% @30°C (non-condensing)	70kPa ~ 106kPa (altitude ≤ 3000 m)

2.6 STORING

Store in a dry place at room temperature. Avoid excessive pressure and contact with discolouring materials. Avoid excessive exposure to direct sunlight.

Ambient temperature	Relative humidity	Atmospheric pressure
-10˚C ~ 50˚C	10% ~ 90% @30°C (non-condensing)	70kPa ~ 106kPa (altitude ≤ 3000 m)

2.7 MANUFACTURER'S DECLARATIONS

The manufacturer declares that
- the device is not a measuring instrument
- the device is not intended for clinical investigation
- the device is not sterile and is not for single use
- for a correct functioning and for the safety of the user, it is necessary that the ordinary maintenance operations are carried out as described in the relevant paragraph.
- device cannot be used for purposes other than those stated in this manual

3 GENERAL WARNINGS

Always refer to this manual for proper use of the device. The manual must always be kept near the equipment in such a way as to facilitate consultation.

- Store the device in an environment that complies with the labels on the packaging and the specifications in this manual
- The useful life of the product is 10 years in accordance with the correct execution of the ordinary maintenance operations provided for in this manual. It is strictly forbidden to use the device beyond its stated useful life. At the end of its useful life, it is possible to proceed as described in the relevant paragraph
- The manufacturer shall not be liable, to the fullest extent permitted by applicable law, for any direct or indirect, special, incidental or consequential damages caused by:
  - Wrong use of the device
  - Improper use of the device and outside of its intended use
  - Use of the device connected to unsuitable electrical systems
  - Use of the device beyond the useful life stated in this manual
  - Using the device in environments not covered by this manual
  - Use with ineligible patients
  - The distraction of operators or incorrect application of commands and adjustments
  - Use without checking the status of the device as described in the relevant paragraph
  - Incorrect maintenance or lack of maintenance
  - Use with parts or accessories that are not compatible or not approved by the manufacturer
  - Incorrect disposal or disposal is other than as described in this manual

The device is equipped with labels to draw attention to particular dangers such as:

Danger of crushing hand

Danger of crushing foot

Therefore, pay particular attention when carrying out operations in areas adjacent to these symbols.

3.1 SERIOUS INCIDENTS

In the event that serious accidents occur involving the device, the user is required to promptly notify the manufacturer and the competent authority of the member state in which the device is installed.

3.2 SYMBOLS ON LABELS

Follow the instructions for use

Medical device

CE marking

Dispose of properly


Manufacturer


Production date


Indoor use only

Unique reference of the model

Identification of the country of production under ISO 3166-1 alpha-3 code (Italy)

Unique Device Identifier

Maximum patient weight allowed

3.3 SYMBOLS IN THIS MANUAL


Warning! This symbol indicates that you must pay particular attention to the instructions next to it. These are generally safety guidelines.

3.4 SYMBOLS ON PACKAGING


Fragile


Keep this side at the top


Recyclable


Do not use sharp blades to open


Keep dry


Storage temperature range. It is accompanied by an indication of the minimum and maximum allowed values


Storage humidity range. It is accompanied by an indication of the minimum and maximum allowed values


Storage atmospheric pressure range. It is accompanied by an indication of the minimum and maximum allowed values

3.5 SPECIAL WARNINGS

- Do not use when the workload exceeds the declared capacity
- Do not use with unattended patient
- Do not use when the patient and/or equipment is unstable
- Do not use if the wheels are not locked
- Do not use if the original product has been modified or tampered with
- Do not use with controls and/or components even if only partially defective

- Do not use if configured incorrectly or if it is believed to cause harm to the patient or user

3.6 CONTRAINDICATIONS AND SIDE EFFECTS

No undesired side effects are known nor contraindications. However, there are some general considerations that may be relevant when using such devices:

Contraindications possible

- Specific clinical conditions: There may be specific medical conditions in which the use of the device may not be recommended. For example, some muscle or joint disorders may require special precautions or make the device inappropriate for use.
- Stability issues: Patients with stability problems may not benefit from the use of the device or may pose a fall hazard.
- Material allergies: Some patients may be allergic to certain materials used in the construction of the device, such as leatherette or other coverings.

Possible side effects

- Discomfort or pain: If the device is not adjusted correctly or is not suitable for the patient's needs, discomfort or pain may occur during use.
- Skin lesions: Prolonged or improper use of the device may lead to skin lesions or pressure ulcers, especially if the patient is sitting for long periods.
- Staff fatigue: Personnel moving the device may experience fatigue or muscle injury if transfer procedures are not performed correctly.

3.7 RESTRICTIONS ON USE

Always use in accordance with the intended use and with patients meeting the weight requirements on the product label.

ELBA AND ISCHIA ARMCHAIR

MAXIMUM PATIENT WEIGHT

150 kg

SAFE WORKING LOAD

160 kg

4 DEVICE CONFIGURATIONS

The product code, shown on the label of the product itself, serves to identify all the characteristics of the configuration of the device.
You can fill in the code below so that you can quickly reference the configuration of your product.

A	P	*	0	0	0	*	X	*
1	2	3	4	5	6	7	8	9

POSITION 1-2-3-4-5-6-7
Fixed values referenced to catalog, where the following codes can be identified.

CODE	MODEL
AP10003	Elba 3 transfer chair
AP20002	Ischia 2 transfer chair

POSITION 8
Indicates the type of upholstery.

X	Banded edges

POSITION 9
Indicates the color of the upholstery.

5 PACKAGE CONTENTS AND PRODUCT CHARACTERISTICS

The product is delivered in a suitable cardboard packaging so that it can be received intact and functional. To open the package and remove its contents, pay attention to the warnings and symbols on the package itself.
Dispose of the packaging and the waste material in an appropriate manner and follow the instructions in the packaging and in this manual.

5.1 CONTENTS OF THE PACKAGE

The package contains
- Instruction manual
- Product is already assembled and ready to use
- Packaging material to be disposed of

5.2 PRODUCT FEATURES

5.2.1 AP10003 - ELBA 3

1	Backrest
2	Seat tilt command
3	Push handle
4	Cylinder holder [optional]
5	Unidirectional control and brake
6	Rear wheel
7	Swivel front wheel
8	Retractable footplate
9	Seat
10	Reclining armrests

5.2.2 AP20002 - ISCHIA 2

1	Backrest
2	Seat tilt command
3	Push handle
4	Cylinder holder [optional]
5	Unidirectional control and brake
6	Rear wheel
7	Fixed front wheel
8	Retractable footplate
9	Seat
10	Reclining armrests

6 ASSEMBLY AND FIRST USE

6.1 ASSEMBLY

The device is delivered already assembled and ready for use.

6.2 FIRST TIME USE

Before proceeding with the first use, it is necessary to read this instruction manual.
Make sure that the product corresponds to what is described in this manual and that the contents of the package coincide with what is described in the relevant paragraph.
Before using the product for the first time:

- Make sure there are no components of the device inside the packaging (screws, nuts, knobs...)
- Make sure there are no obvious signs of damage or tampering
- Check the seat back and seat base for wear or damage
- Check the rotation and sliding of the wheels
- Check the parking brakes for correct operation and effectiveness
- Check the operation of the tilt adjustment control
- Make sure there are no obvious signs of loosening of the screws

7 USE

7.1 WARNINGS BEFORE USE

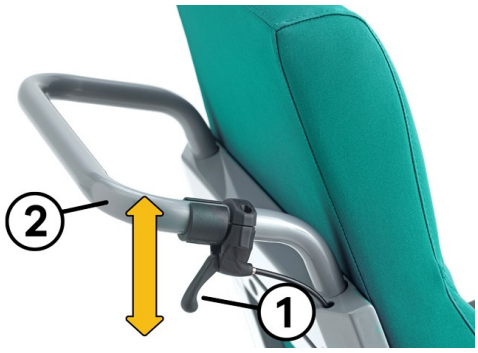
Before each use make sure that:

- The product does not show any obvious signs of tampering or damage
- The product has been sanitised in the parts in contact with the user
- The physical and clinical condition of the user has been assessed and found to be appropriate for the use of the device
- The operating environment is in accordance with the provisions of this instruction manual
- There are no particular hazards in the areas around the device (shelves, obstacles, flammable materials, etc. ...)
- There are no oil stains on the floor caused by the gas spring

7.2 USE OF THE DEVICE

7.2.1 TILT ADJUSTMENT

The device has a gas spring tilt adjustment system. To tilt the seat, use the control (1) and, using the push handle (2), adjust the tilt by pushing up or down.



7.2.2 ARMREST ADJUSTMENT

The armrests can be raised for easy side access to the seat.
Simply lift the armrests with your hand, taking care not to fall on the patient.

7.2.3 FOOTPLATE ADJUSTMENT

To retract the footplate, simply lift it upwards to its resting position.

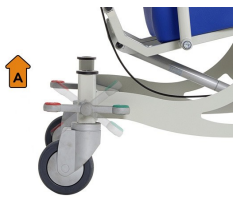
7.2.4 BRAKE ENGAGEMENT AND UNIDIRECTIONAL SYSTEM

The rear swivel wheels can be braked or directed using the central brake lever. Both levers are linked together, so you can act on the right or left to achieve the same result.

A Uni-directional mode

C Neutral position

B Braked position

	With the pedal in the horizontal position, C, the brake is released and the two wheels can rotate and swivel freely in all directions.
	When you push the pedal down (B) with your foot, with the red circle down, the two wheels lock in all directions at the same time and do not rotate. The lever must be returned to the horizontal position to release the brake.
	When you push the pedal up (A) with your foot, with the green circle down, the wheels are prepared to lock in the direction of travel.Pushing the chair will automatically position the wheel and lock it in the straight ahead direction. With the directional lock engaged, it is easier to proceed in a straight line. To disengage the directional lock, you must return the lever to the horizontal position.

7.2.5 TRANSFER

Before starting transfer, make sure that the wheels are not braked, the footplate is not touching the floor, and the patient is sitting comfortably with his back fully supported and his feet on the footplate.

Move the chair by holding the push handle, if possible with both hands, and pushing in the desired direction.

Operate the directional lock only in straight runs. Always apply the brake when parked, even briefly.

Never leave the patient unattended on the chair and with the parking brake off.
Do not push the chair sideways when the directional lock is activated.
During patient transport, the armrests must be closed and the patient must remain seated with his/her back supported.
The movement should be as smooth as possible without jerking, accelerating and braking suddenly.
Be careful near obstacles or doors taking into account the turning radius of the chair.
Transport can only be done manually, DO NOT use motor vehicles

8 ACCESSORIES

A wide range of accessories can be applied.
For a complete list of accessories, please contact your distributor or refer to www.chinesport.com.

Use only Chinesport accessories

AC0949.W – CERVICAL PILLOW	**AC0065 — IV POLE**
Cervical support pillow 	IV pole 
AC0066 CANISTER HOLDER	**AC0067 SUPPORT HOOK**
Canister holder 	Support hook 

AC0063 SERVICE TRAY		AC0061 EXTRACTABLE LEG REST	
Service tray		Removable leg rest	

9 MAINTENANCE AND SERVICE LIFE

9.1 ROUTINE MAINTENANCE

Scheduled maintenance is required for proper operation of the device, proper use, patient and operator safety, and performance assurance of the device.
Ordinary maintenance work may be carried out by specialised operators or authorised technical personnel.

PERIODICITY	OPERATIONS
3 months	Check the integrity of the backrest and the seat cushion
	Check the operation of the tilt adjustment control
	The integrity of the chassis and the absence of any breakaway elements
	Check wheel slide and swivel
	Check the tipping of the footplate
	Check that the armrests fold over
	Presence are bumpers on the base frame
	Effectiveness of brakes and unidirectional control

For all operations not included in the maintenance list, please contact the Chinesport service center

9.2 MALFUNCTIONS, EXTRAORDINARY MAINTENANCE AND REPAIRS

Extraordinary maintenance work may only be carried out by personnel authorised by the manufacturer. Otherwise any warranty conditions will be immediately terminated. The manufacturer declines all responsibility if tampering with the original product is ascertained.
Any malfunctions found by the user must be promptly reported to the distributor or directly to the manufacturer and inhibit the use of the device.
Repairs may only be carried out by technical personnel authorised by the manufacturer and may include the withdrawal of the device in order to carry out the necessary repairs

Changes to the device are not allowed

9.3 SERVICE LIFE

The service life of the device is defined at the beginning of this manual, and is 10 years in accordance with the correct execution of the ordinary maintenance operations defined in this manual.
At the end of its useful life, you can proceed in the following ways:

1. Dispose of the device as described in the paragraph "Disposal".
2. Require the manufacturer to recondition and re-certify the device so that it can continue to be used

As stated in the paragraph "General warnings", the manufacturer declines all responsibility for the use of the device beyond the useful life established in this manual.

10 CLEANING

It is necessary to clean the device at the end of each use if the device is intended for different users.

10.1 WASHING

Remove dust from metal parts using mild detergents and drying immediately after washing.
Wipe the rubber parts and anti-drapers with a damp cloth and wipe the surfaces immediately.

10.2 DISINFECTION

For disinfection of the product use disinfection with a low chlorine content, such as AMUCHINA® 10% or equivalent solutions with a concentration of 0.1% sodium hypochlorite and the following spectrum of action:

- bactericide in the presence of interfering substances according to EN 1276:1997;
- a fungicide in the presence of interfering substances according to EN 1650:1997;
- bactericidal surface test according to EN 13697:2001;
- fungicide surface test according to EN 13697:2001;
- active on Salmonella Typhimurium according to EN 13697:2001;
- active on: HIV, HAV - HBV, HCV;
- virucide according to EN14476:2005;
- active on H1N1 influenza virus according to EN14476:2005.

For safe use, refer to the instruction leaflet included in the product

11 TECHNICAL SPECIFICATIONS

THE MANUFACTURER will provide on request circuit diagrams, component lists, descriptions, calibration instructions, or other information that will assist SERVICE PERSONNEL in repairing parts of EM equipment AP10003 - ELBA 3 | AP20002 - ISCHIA 2 judged by THE MANUFACTURER to be repairable by SERVICE PERSONNEL.

ELBA AND ISCHIA TRANSFER CHAIRS		
CODE	**AP10003**	**AP20002**
Height	133cm	
Width	69.5cm	
Maximum load	160 kg	
Front wheel diameter	12.5cm	30cm
Rear wheel diameter	12.5cm	12.5cm
Brake	Centralized on 2 rear wheels	
Weight	43 kg	
MDR Class	I	

12 TROUBLESHOOTING

Problem	**Causes**	**Solution**
The chair won't move	Parking brake engaged	Check that the parking brake is not engaged and release the parking brake
	Contrasting footplate	Ensure that the tilt of the chair is such that the footplate does not touch the ground
	Dirt or locking elements in the wheels	Check that there are no elements that hinder the rotation of the wheels
	Other	If not resolved, contact your dealer or service representative
The chair does not turn	Parking brake engaged	Make sure that the parking brake is released
	Directional lock engaged	Make sure that the unidirectional control is disengaged
	Dirt or locking elements in the wheels	Check that there are no elements that hinder the rotation of the wheels
	Other	If not resolved, contact your dealer or service representative
The chair is noisy during the ride	Contrasting footplate	Ensure that the tilt of the chair is such that the footplate does not touch the ground
	Parking brake applied or partially applied	Check that the brakes are not applied
	Dirt or locking elements in the wheels	Check that there are no elements blocking the rotation of the wheels
	Other	If not resolved, contact your dealer or service representative

Problem	Causes	Solution
The wheels are locked and do not swivel	Dirt or locking elements in the wheels	Check that there are no objects or dirt blocking the swirl
	Other	If not resolved, contact your dealer or service representative
The wheels are no longer firmly attached to the chassis	Wheel not properly tightened or loose	Check the tightness of the screw inside the wheel and tighten if the screw is not tightened tightly
	Other	If not resolved, contact your dealer or service representative
The chair won't tilt	Maximum or minimum tilt achieved	Make sure that you are not in the lower or higher tilt position
	Control not pressed sufficiently	Make sure that you operate the control through its full travel
	Control cable unhooked or locked	Check that the adjustment control cable is present
	Broken gas spring	Check that there is no oil residue on the floor
	Other	If not resolved, contact your dealer or service representative
Armrests do not tilt	Slide guides are deformed or dirty inside	Check that there are no elements that inhibit tilting
	Other	If not resolved, contact your dealer or service representative

13 SPARE PARTS

Contact your dealer or the manufacturer's technical support service for information on spare parts. Only use original spare parts supplied by the manufacturer or by authorised distributors

14 WARRANTY

14.1 GENERAL CONDITIONS

All Chinesport products are warranted against defects in materials or workmanship for a period of 24 months from the date of sale of the product, except for any exclusions, limitations or conditions defined at the time of delivery of the product.
The warranty is not valid in case of improper use, tampering with the device, abuse or modification of the product or for any use or operation not explicitly mentioned in this manual.
The warranty is not valid if the device has not been correctly maintained and documented in accordance with this manual, or if the instructions regarding storage, cleaning and sanitation are not followed.
The manufacturer is not responsible for any damage or injury or any situation caused by incorrect installation or configuration of the device or using equipment that does not comply with the instructions in the installation, assembly and operating manuals.
The manufacturer does not guarantee its products against defects or damages in the presence of extraordinary conditions such as: natural disasters, unauthorised maintenance and repairs, improper power supply (where applicable), use of parts or components or accessories not original, shipping

damage not directly managed by the manufacturer, lack of maintenance, obvious negligence on the part of the user or operator.

The warranty does not cover consumables, rechargeable batteries, and in general all material subject to wear, failures caused by knocks, falls, incorrect or improper use, accidental events, transport damage. If the equipment is tampered with, the warranty is automatically cancelled.

14.2 WARRANTY REPAIRS

In the case of a report of defects in materials or workmanship, the manufacturer assesses whether the defect is covered by warranty.
Warranty repairs must be expressly requested and are to be understood in our laboratory, subject to authorisation and with the issue of the return number.
For products sent in their original packaging, the return shipment will be made freight free.
For warranty repairs, a fiscal document is required where the date of purchase is within the warranty period (sales note, purchase invoice, fiscal receipt).

Labour costs for warranty repair (when the warranty conditions are valid) are borne by the manufacturer.
Repairing or replacing a product does not renew or extend the terms and expiration dates of the warranty.

14.3 OUT-OF-WARRANTY REPAIRS

Non-warranty products can be repaired by the manufacturer by returning them after having been authorised by the technical assistance service. The costs of repair, including shipping, materials and labour, are to be understood as being borne by the customer or the retailer. The parts and components being repaired are considered to be covered by warranty for 24 months from the date of receipt of the repaired device

14.4 NON-DEFECTIVE PRODUCTS

In the event that the manufacturer does not find any malfunction or defect in the returned products, it is concluded that the product is not to be considered as defective. Shipping and device management costs will be charged to the customer or distributor.

14.5 HOME REPAIRS

In case of repair at the customer's premises, a written request must be made indicating the complete details of the applicant, the type of machine and the fault.
The kilometric cost for the technician's transfer is to be agreed in relation to the customer's urgency.
In the event that the machine in question is under warranty, only the costs of the transfer will be charged.
The time is counted from the departure of the technician from our laboratory until his return, the time of return will be estimated on the basis of the time spent on the outward journey.

14.6 REPLACEMENT PARTS

A detailed list of all spare parts can be obtained from the manufacturer.
Spare parts are sold following a formal request for an offer to the technical assistance service. Processing times are related to the availability of the parts. Returns for spare parts are not accepted.
The payment will be cash on delivery unless otherwise agreed.

15 DISPOSAL

The symbol on the label of the equipment indicates that the waste must be subject to "separate collection".
Therefore, the user must either hand over the waste to the separate waste collection centres set up by the local authorities or hand it over to the retailer against the purchase of new equipment of an equivalent type. Separate waste collection and subsequent treatment, recovery and disposal operations promote the production of equipment with recycled materials and limit any negative effects on the environment and health caused by improper waste management. Improper disposal of the product by the user could result in the application of administrative penalties.
Refer to European Directives 2018/851/EU and 2018/852/EU and national transpositions.

Identify the items to be disposed of according to the following classification.

PART	**DISPOSAL**
Outer packaging	Recycle or dispose of cardboard and wood parts
Inner packaging	Recycle or dispose of polystyrene, nylon and plastic parts
Electronic equipment	Disassemble and handle according to the WEEE Directive
Metal structure	Recycling as metal
Padded panels	Dispose of as plastics, fabric and polymers

The list of relevant CERs is as follows.

EWC CODE	**DESCRIPTION**
150101	Paper and cardboard packaging
150102	Plastic packaging
150103	Wooden packaging

EWC CODE	**DESCRIPTION**
200111	Textile products
040222	Wastes from processed textile fibers

16 RECORDS OF OPERATIONS AND MAINTENANCE

DEVICE		**DATE OF INSTALLATION**		**NUMBER SERIAL**
DATE	OPERATIONS PERFORMED	TECHNICAL	SIGNATURE	NEXT VERIFICATION

NOTE:

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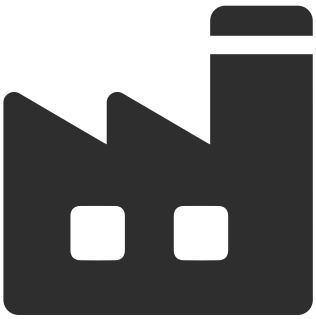

MADE IN ITALY

CHINESPORT SPA
Via Croazia 2
33100 UDINE
Italy