



**GRUPEMA**  
Grupo Peña Maquinaria

**Full Product Range**

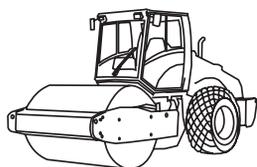
**GRUPEMA, A WHOLE WORLD  
OF SOLUTIONS AT YOUR SERVICE**



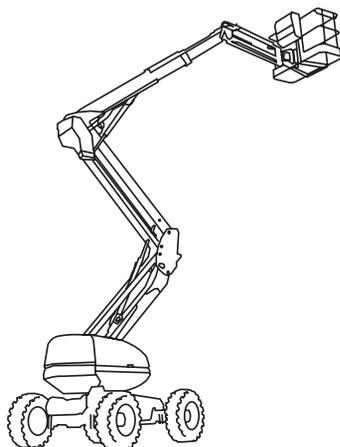
[www.grupema.com](http://www.grupema.com)



**OUR MAIN VALUE:  
OUR CUSTOMERS**

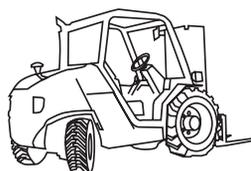


**Grupema is a leading company in Granada, with more than 40 years of experience in the machinery sale and rental market.**



**In recent years, our quick growth and expansion has marked our customer focus and service quality. Our quality is now certified by the seal ISO 9001:2008, and guarantees you the best service and maximum environmentally friendly processes.**

**Grupema, the guarantee and quality of a good service.**



# ÍNDEX

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## CONSTRUCTION

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**GRUPEMA**

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**GRUPEMA**

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## INDUSTRY

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**GRUPEMA**

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- **MAINTENANCE** (page 87) Truck platforms.
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**CASE**

CONSTRUCTION

## Chain Excavators

Thanks to our advanced design and engineering, Case excavators provide up to a 17% more power and save approximately €8,000 every year thanks to fuel saving and fast cycle times.

The range of Case chain excavators includes 13 to 80-ton models, with minimum turning radius when working in narrow and difficult areas. These excavators are designed to provide a long lasting leading performance and service life. No matter what the job, Case has the perfect excavator for you. With a range up to 532 HP.



## Wheel Excavators

With a compact tower and a well-balanced design, Case wheel excavators offer many features for excavation and elevation. The chassis modular design allows you to choose among stabilizers, dozer blades or a combination of the two options. The exceptional panoramic view, stability and maneuverability create suitable conditions to work efficiently in small areas. Case wheel excavators are the answer to the most demanding urban and residential uses.

The full range is understood to be between 10 and 24 tons, with five reduced turning models. Power ranges from 99 to 173 HP.



## Wheel Loaders

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### **GREAT FEATURES, LOW MAINTENANCE COST**

Case wheel loaders provide new profit levels thanks to the combination of its low consumption rate, its high productivity at low maintenance costs and its ease of maintenance. Superior technology for Case SCR engines provides an extraordinary power and exceptional fuel saving.

The transmission offers quick acceleration and high nominal regimens, which translates into quick cycles. The advanced high-efficiency cooling system allows the prolonging of service intervals and increases durability in order to reduce owner costs.

Models from 12 to 31 tons and bucket capacity from 2.0 to 6.0m<sup>3</sup>.

## Articulated Dumpers

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The wide chassis and the Case articulated dumper design provide additional stability when transporting large loads. Moreover, our ergonomic cabin, electronically controlled engine, integrated differential, variable geometry turbo and automatic warming system all increase productivity.



## Loader Backhoes

The Case “Construction King” backhoe range provides high performance and exceptional fuel saving. The Tier 4 interim engines, automatic driving control system, quick positioning of the backhoe boom and a wide variety of transmissions translate into reduced fuel consumption and a low level of emissions, higher comfort for the operator, higher starting force and great lifting capacity. There is a wide variety of buckets and attachments available that are easy to change thanks to the quick integrated hydraulic connection optional for backhoes.



## Compact Excavators

### GREAT FEATURES IN LIMITED SPACES

case miniexcavators provide powerful performance and extraordinary stability in the most limited working spaces. the reliable engines and the powerful hydraulic systems help you increase your productivity while you work more efficiency and are less tired in a spacious and comfortable cabin with ergonomic positioning controls. daily maintenance is easy and quick thanks to the control points that are easily accessible from the ground maximize your miniexcavator activity time. the range is from 1.5 to 8.0 tons.



## Wheel And Chain Compact Loaders

### DO YOUR JOB FASTER

With a robust design and more power, the new Case miniexcavators improve productivity and increase the operator's comfort. The ergonomic controls, the increase in reliability and the collapsible cabin for maintenance help make a daily routine easier and more comfortable. No matter what kind of work you do, Case has an appropriate miniexcavator for you.

Our new extended range of miniexcavators offers:

- More power
- Improved stability
- More comfort and visibility for the operator
- The best maintenance in its category
- Wide range of attachments

In order to provide the Case performance and productivity to an increasing variety of customers, Case Construction Equipment has widened its range of miniexcavators. The updated range includes six miniexcavators "SR" of radial elevation and six models "SV" of vertical elevation, with a power of 46 to 90HP and an operative load from 590 to 1,700kgrs.



## Crawler Dozers

### THRUST POWER, LEVELLING ACCURACY

Case crawler dozers have been designed for accurate levelling and heavy-duty application earth movement. The engine has been developed to provide great torque characteristics in low ranges, perfect for dozer applications. The hydrostatic transmission provides independent traction to each chain, this way maximum thrust power is kept for the whole turn so you can enjoy the total control of accuracy levelling and working in slopes. The cabin mounted over isolating materials reduces the noise level and vibrations and constitutes a spacious work environment.





**MANITOU**

## Telehandler

Manitou accompanies you through all stages of your new jobs or improvements and has done so for over 50 years. Manitou suggests a wide range with capacities from 2 to 21 tons and elevation heights from 4 to 18 metres. Whatever the need be, there is a group of handling solutions adapted to your occupation: material distribution, bulk load, movement of and transferring of cargo or of a person...



## Rotating Telehandler

The MRT rotating telescopic handlers allow the lifting of loads or persons above heights from 14 to 30 metres with a capacity of up to 5 tons. The wide range of available accessories and 360° rotation turn transform it into the most multifunctional machine, carrying out construction work, industrial handling, and building restoration.



## Accessories

Concrete, cereals bucket, forklift cage...



## Masted Forklift Truck

The new range of forklift trucks are a perfect example of MANITOU's commitment to its industry markets. They were designed according to users' needs regarding simplicity, comfort, reliability and efficiency, at the lowest operation cost. With 12 different models (1.5 to 3.5 tons) to choose from, this range satisfies the needs of all industrial applications. They can use a diesel or electric engine; these latest ones can be equipped with 3 or 4 wheels.



## Semi-industrial Masted Forklift Truck

The MSI is a compact forklift truck, with a capacity from 2 to 3.5 tons, especially easy-to-use, lightweight and multifunctional. It feels comfortable both in industrial applications (reduced turning radius, smoothness and speed) and in the construction sector (big wheels, good height in regards to the ground, versatile capacity and stability).



## Off-road Masted Forklift Truck

The Manitou off-road forklift truck range includes the series MH, MC and M. With loading capacities from 2.0 to 5.0 tons. They can also be equipped with 4x4 drive and masts of up to 6.0 metres. Owing to their robustness, they are specially designed for severe uses on rough grounds; they allow the transporting of heavy, long or large loads in any work area.



## Articulated Elevator Platform

**Off-road simplicity, robustness and capacity.**

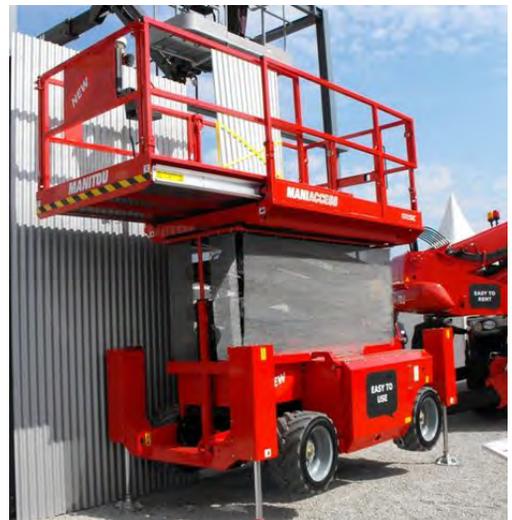
Combining an excellent off-road motor mobility and quick elevation in height, you are provided working heights of up to 20 metres and an exceptional reach. All work configurations are possible thanks to the elevator platforms advanced joints, telescopic parts and its great maneuverability. You can find diesel, electric and mixed models (bi-energetic).



## Scissor Elevator Platform

**Simplicity and Efficiency.**

With solid construction, the Manitou diesel scissor platforms, compact and versatile, allow workers to move around in difficult places and to work at height easily and efficiently. The electric/compact version range is used mainly indoor for maintenance jobs and facilities.





**DYNAPAC**

**DYNAPAC**

Part of the Atlas Copco Group

## Single Drum Vibratory Rollers

The range of small and medium size vibrating rollers are used to compact all types of soil. A range made up of 4.5 to 27-ton rollers covers most needs: construction of roads, aerodromes, reservoirs, ports and construction in general. A special version with padfoot drums (PD) is available for compacting cohesive soils. And to protect the operator, all models are able to be equipped with roll-over protection (ROPS) and falling object prevention (FOPS).



## Double Drum Vibratory Rollers

The Dynapac range of asphalt rollers, double drum, are the most compact equipment for repairing jobs and roads. Vibration absorbing platforms, rotating seats for better visibility, well organized controls at first glance and roll-over protective structure (ROPS) all improve the maneuverability along with the operator's ergonomics and safety.



## Combi Rollers

The combi versions are equipped with 4 wheels in the back instead of a drum. The rubber wheels are propelled in pairs by separated propulsion engines, this way the risk of damaging the recently spread asphalt is minimized when sudden turns are made. The rubber wheels ensure a very dense and smooth surface in asphalt, characteristics that are a lot of the time required by most users.



## Steel Drum Rollers

The CS142 is a modern articulated three-drum static roller with the same static linear load and with the same diameter in all the drums. The roller covers the layer of asphalt with all of its width. The CS142 is mainly used to compact asphalt in tracks with thickness over 50mm, depending on the rigidity of the agglomerate and the weather conditions. The machine is suitable for middle and large size applications. It is ideal for areas where the land has not been vibrated, such as places around old buildings or on bridges.



## Pneumatic Rollers

Dynapac has a complete range of tired rollers. All of them have a standard feature: they offer high performance, simplicity and versatility. The CP142 has an exclusive modular ballast system that includes some ballast modules that give exact visual control of the wheel load. The roller is used on sealing jobs in the compaction of base, sub-base flattening and stabilized land. The CP224 and the CP274 are mainly used together with other asphalt rollers to seal the surface.



## Tracked Pavers



The standards of crawler track extenders of Dynapac range are of high quality and are designed for all kinds of extension width owing to its easy adaptation, use and simple maintenance. Very long crawler tracks and wide track shoes guarantee maximum drive and low maintenance due to its lubrication and sealing. The strong chain extenders offset land irregularities and precise electronic steering ensures excellent results of extension.

## Wheel Tracked Pavers



Our wheel extenders are known for their reliability for many years of work, in a wide field of applications. That is why these machines are ideal for paving cities. In response to the needs of our end-users and construction companies, there is a wide range of options that increase the wheel extenders versatility.

## Compact Mobile Feeders



Hydraulically operated, powerful, highly maneuverable and designed for wide milling surfaces from 350 to 1000mm with a depth range from 100 to 300mm. All of these cold milling machines are offered in three or four-wheel drive and with no-spin control systems. They are equipped with a rear unloading system that is designed for road maintenance work and other milling applications in asphalt and concrete.

## High Capacity Planers



Dynapac based its experience on the construction of the first cold planer machines to meet the latest requirements of the new large machines by Dynapac. These machines are capable to remove the asphalt and concrete in a work width of 2010/2100mm at a maximum cutting depth of 320mm. Hydrostatic propulsion through four directional tractor chains, the practical standard equipment and a wide range of options turn this machine into one of the top machines among the ultimate generation of cold milling machines.





## Compressors

Driven by Honda, Kubota or Deutz diesel engines, the Atlas Copco transportable compressors of series 7 are compact, efficient, economical and easy-to-use. They provide a reliable source of compressed air to run pneumatic tools and be used in applications requiring large air volumen, such as sandblasting. For some models, an optional integrated generator of 6.5 to 12 kVA gives additional energy for soldering, lighting, heating, instrumentation and electric tools. All models from series 7 meet the regulations in force regarding security, exhaust emissions and noise.



## Pneumatic Submersible Pumps

The Atlas Copco air pumps meet the most strict requirements used in building, mining and industry sectors for the extraction of clean and polluted liquids.



## Hydraulic Submersible Pumps

The hydraulic bilge pumps up to 14.4HP are ideal for limited access areas, since they are run by a hydraulic unit. They allow for a maximum height of 32m and a maximum volumen of 38 litres/minute.



## Electric Submersible Pumps

The WEDA pumps and accessories by Atlas Copco are designed for a wide variety of bilge applications and for rental, building and mining industries. They provide you with the performance, reliability and easy use you need. The WEDA pumps include an integrated launcher, engine protection and an optional automatic level control.



## Floor Saws

The ORKA joint cutters cover the most common applications of concrete and asphalt ground cutting, and they are a perfect complement for concrete treatment equipment. They can work with 350mm (14") or 450mm (16") discs, with the desired cutting depth at any time thanks to its depth adjustment system. Its reversible and adjustable at height handlebars allow you to work and transport easily. They have a big water tank of 30l that reduces the number of filling stops.



## Modular Screeds

The BV modular screeds are designed for concrete floor finishing applications. They are made up of modular trusses for wide and large road surfaces. They compact, level and finish the concrete floors, pavement, roads and bridges. The self-propelled BD double modular screeds are available from 3.2m to 9.4m in length, with a width of 300mm among profiles, and they can be run by electric as well as gasoline units.



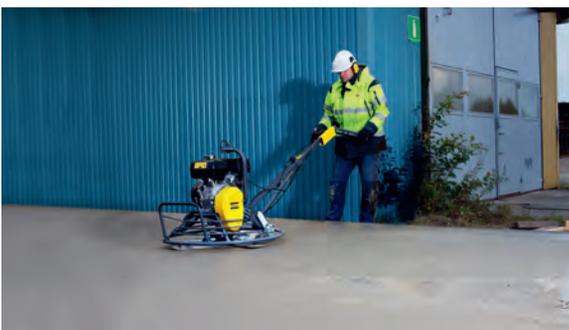
## Walk Behind Trowels

The BG range of trowels by Atlas Copco covers the entire range of smoothing jobs, with work width from 600 to 1,200mm. The models with short folding handlebars are easy to transport and those with long handlebars are ideal for professional work, allowing to work even from outside the slab. Moreover, all of them have an elevation hook to make it easier to transport. There are smoothing disks for every model and buckets are reversible, increasing their service life.



## Mechanical Poker

Device used to vibrate fresh concrete and to erase any pores that can be caused by air, achieving its hardness and compaction. There are different drive types: electric, gasoline, diesel, pneumatic and hydraulic.



## Generators



Powered by the latest generation engines, the Atlas Copco generators are able to run a wide range of electrical equipment on different applications. The strong construction guarantees maximum reliability in the most adverse environmental conditions. These units are low consumption, with a low total maintenance cost (revisions every 500 hours) and a high resale value. With power up to 1,200 Kvas.

## Light Towers



Driven by a perkins diesel engine, the QLT H40 light tower by Atlas Copco provides exceptional light for temporary workplaces, sport shows and other events. QLT H40 has everything you need to install a temporary light source: it is made up of a metal body with an electrical protection and control cabinet, a hydraulic elevation mast that, in vertical position, reaches up to 9.2 metres and turns 350°, stabilizers and a chassis for road with brakes.



## Power Packs

They are used in construction, maintenance, demolition and cutting work, thanks to the multiple accessories they are able to be connected to: digging hammers, pile drivers, extraction pumps, cutt-off saws... Due to its small size, they can be used anywhere since they are equipped with wheels and handles that are easy to maneuver in any van. They are easy to start and the noise level is low. There are two kinds of engines: gasoline and electric.



## Accessories

### A) Hydraulic Core Drill

These powerful drills are ideal to work in places with no space for core drilling rigs. Owing to the lack of backward movement, the machine will be able to perforate drillholes up to 200mm (8 inches) diameter by hand. Totally hydraulic, these tools can be used for drilling with simple core recovery using water and diamond bits, in the most difficult conditions. The LCD drill does not produce sparks (there are not any electrical components), and this allows you to work safely inside buildings, in dangerous environments and even under water.



### B) Hydraulic Cut-off Saws

These powerful, light and compact saws can be used to cut concrete, asphalt and Steel. Its simple hydraulic design with direct drive reduces maintenance, especially when compared to belt-driven saws. They are easy to use thanks to the open front, even in the most demanding conditions. By using a lightweight cart, these saws can be used to work on land, roads and other light work on surfaces.



### C) Hydraulic Post Driver

Balanced and easy to use, this equipment comes with a remote control activation valve. Pile drivers satisfy a multitude of requirements for the installation of ground connections at depths of 2-3 metres (7-10 feet). When they work with the remote control valve assembled in the hose they can be connected to open or closed hydraulic circuits.



### D) Hydraulic Post Driver

They are used to install road barriers, profiles, traffic posts, fences and a wide variety of anchorages. Post drivers provide stability, power and high speed to install many post sizes. When they work with the remote control valve assembled in the pipe, they can be connected to open or closed hydraulic circuits.



### E) Hydraulic Post Puller

The post puller is designed for road maintenance contractors that repair traffic barriers. Its tough jaws and belt-tightened automatic clamps turn the post puller by Atlas Copco into the ideal tool for the removal of any type of steel or wood posts including IPE, HPR and UPE profiles, as well as round or square steel tubes. 6-ton traction strength; a total traction power of 10 tons is obtained with an optional lever.



## Double Drum Rollers

The double drum roller are suitable for compacting thin layers in granular surfaces and asphalt. They are used for small jobs, repairs and compacting jobs in confined areas.



## Trench Compactor

They are equipped with a special double drum for backfilling, cohesive and granular areas. It is equipped with a Hatz engine, weighs up to 1,675kg, compacts up to 850mm and includes a Bluetooth remote control.



## Forward Compaction Plates

The forward soil plates by Atlas Copco are specially designed to compact granular soils. They are the most economical option for small repairs and maintenance. There are models from 53 to 141kg and compacting widths from 320 to 500mm.



## Forward And Reversible Plates

High speed and efficiency are the features of Atlas Copco's reversible plates specialized in deep layer compacting on granular soils. The hydraulic control system helps give easy and precise handling during soil compaction. There are models from 155 to 780kg and compacting widths from 330 to 750mm.



## Rammers

The rammers have high centrifugal force and impact energy. They are used on repairs and small ditches. For simple handling and optimal performance, they have a fuel tank with a respirator and electric lock, efficient buffers and accelerator control with three fixed positions (stop/idling/work). The range is made up of rammers from 65 to 85kg in weight and a compacting width that goes from 150 to 330mm.



## Screeners



They have a high screening capacity that makes them perfect for their use in quarries, mines and construction. These screeners are used as a complement for crushers to classify the material coming out of them or they can just be fed independently by using a loading shovel. They can also equip vibrating grills which improve the screening capacity even further to obtain an additional product.

## Impact Crusher



Atlas Copco has 11 models of crushing machines to cover all road construction needs, mining and recycling. The crushing, depending on the product, can be carried out by impact, jaws or from a cone. Some models can be used as a primary unit due to the big feeding hole. The geometry used allows the turning rotor positioning to produce first class final products. The large reinforced plastic covers with fibres make access easier for maintenance operations.



## Hydraulic Breakers

What makes Atlas Copco's breakers different is the concept of a one piece body which incorporates the percussion mechanism and guidance system into one single steel block. This unique design turns them into extremely compact and easy-to-use breakers, and also provides a 20% reduction in weight when compared to other kinds of breakers.



## Hydraulic Grapples

The concept of hydraulic grapples by Atlas Copco provide a low weight in service with a high volumen grip. The extraordinary loading capacity and high gripping force also improves higher demolition performance.



## Hydraulic Combination Cutters

Thanks to the design concept of cutters by Atlas Copco, they can offer an extremely high breaking force on concrete and steel, with reduced opening and closing times. This saves time since the material can be reduced down into one single operation instead of two. In short, less machine operating hours, less fuel consumption and less operator's hours.





WACKER  
NEUSON

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**WACKER  
NEUSON**

## Dumpers

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In the design of Wacker Neuson's dumpers, the designers paid a lot of attention to the high security for the user, simple handling and maintenance. At present, the range of products include 10 models with a useful load between 1 and 10 tons.



### Dumpers (1001 - 2001)

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The small power class from up to 2 tons is advantageous for its variety of models and equipment. Three models of dump trucks (front, body dump and high capacity turner), as well as individual equipment possibilities, such as narrow tires for the 1001 model, 2-wheel-drive for the 1601 model and autocharger device for the 2001 model cover all the application sectors. The four-wheel permanent hydrostatic drive, exempt from maintenance and easy use (except the 1601 model) guarantees an excellent drive on the ground. All the models have a wide and functional control position which also provides optimum protection to the operator.



### Dumpers (3001 - 6001)

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This range is made up of dumpers with a useful load of up to 6 tons, four-wheel permanent hydrostatic drive and high handling comfort. All models have a wide and functional control position which also provides optimum protection to the operator. The 3001 model can also be equipped with an asphalt body whose lower height allows it to transport and dump asphalt even in underground places. For a quick transport of material, the 4001 model is also available in Speed version, with a maximum speed of 25km/h. The 5001 and 6001 models are delivered with body dumps. At this kind of power, Wacker Neuson offers a totally glazed security cabin equipped with a heating system that meets, naturally, all the ROPS and FOPS security standards.



## Dumpers (9001 - 10001+)



In the power class higher than 9.0 to 10.0 tons, Wacker Neuson believes in the drive concept Powershuttle and Powershift tested, and is also offered in 4x4 drive.

The sturdy body as a machine implement is reinforced on each side by additional profiles that support even heavier loads. For both models, totally glazed security cabins are available that have heating systems that meet all the ROPS and FOPS security standards. The largely dimensioned engine power guarantees maximum profitability, long service life and sufficient power reserves.



## Mini Dumpers

Transport vehicles ideal for applications with difficult access and narrow places.

The range is made up of 6 models with a loading capacity from 500 to 2,500kg., engines from up to 48HP and 35% gradeability.





**AVANT**<sup>®</sup>

## Articulated Compact Loaders

The proper size, strong enough to handle pallets with heavy stones and sacks.

Their compact dimensions allow their access and handling even in narrow areas.

Advanced technical features and continuous hydrostatic transmission.

Drive control with a variable displacement hydraulic pump.

Direct 4-wheel drive with 4 hydraulic engines.

Powerful Kubota diesel engines.

Cooling oil radiator.

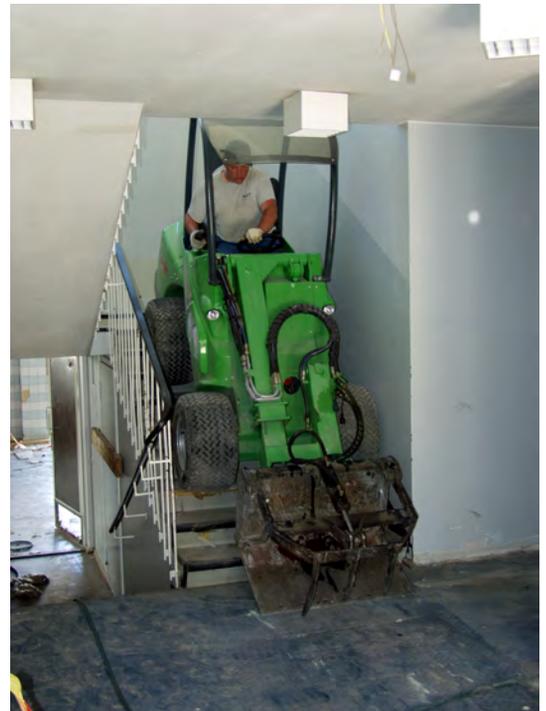
Extraordinary performance with accessories.

The telescopic chassis provides more elevation and reach.

Self-levelling chassis that makes lifting more accurate.

Control lever with buttons for auxiliary hydraulic functions and control of the telescopic chassis.

Many other options, such as a floating chassis, motor block heater, auxiliary lights and rear hydraulic connections.



## Accessories For Avant

Accessories for the entire range of articulated miniloaders applicable to any activity sector.



**Auger**

**Pallet Fork**

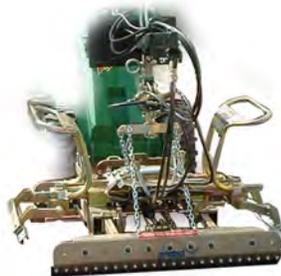
**Backhoe 170**



**Brooms With Collector Box**

**Hydraulic Breaker**

**Trencher**



**Fingerbar Mower  
With Hydraulic Boom**

**Stone Installation Clamp**

**Drum Type  
Concrete Mixer**



**CARMIK**

## Self-loading Concrete Mixer

Front cabin to guarantee perfect visibility and excellent comfort for the operator.

300° rotating drum to make cement unloading easier on the four sides at a height higher than 2 metres

Articulated hydraulic shovel for an optimum load of dry goods

Bucket with hydraulic opening for volumetric dosage to avoid any cement loss

Transversal engine: easy maintenance and checking. Equally distributed weight.

Multiple disk brakes in oil bath: total reliability with no maintenance

Distribution frame with all the instruments

Ergonomic joystick: a servo control joystick with all main functions

“LOAD CELL” electronic weighing system with printer to certify 100% cement quality (optional).

The range is made up of truck mixers from 1.0m<sup>3</sup> to 5.5m<sup>3</sup>.



## Dumpers

Body capacity: 4,500l. Maximum capacity: 6m<sup>3</sup>

Load capacity: 10 tons.

Transmission: hydrostatic . (hidromatik-rexroth).

Perkins engine 1104C – 44TA turbo-diesel, cooled by water.

107 HP

4-wheel-drive

ROPS cabin FOPS or Canopy.

Reversible seat.





**EURO**  
**CRANE**

## Self Erecting “Midi” Cranes Without Licensing

Without crane licensing  
Without project or certificate  
Without assembling or maintenance expenses  
Without Authorized Control Organization spending  
Easy and quick assembly by the user

## Self-erecting Cranes

Up to 24 metres high and 35 metres of jib reach.  
Capacity up to 4,000kg.  
Very compact for transport, easy assembly and dismantling in just a few minutes.

## Tower Cranes

Large scale cranes with a great loading capacity that at the same time stands out for its easy assembly, maintenance and handling. With loading capacities from 850 to 4,000kg.  
Jib length up to 50 metres and adapted height to user needs.





**ATC**  
Asphalt-Thermal-Container GmbH  
www.asphalt-thermal-container.com



## Asphalt Thermal Containers

When the thermal container appeared for the first time in the mid 90s, just a few recognized the advantages of this machine at first sight.

With technical progress and the increasing need to exchange obsolete work methods for other more reasonable ones to increase competitiveness, the Thermal Container was born. Moreover, its use is environmentally friendly.

Nowadays, the thermal container, with its modern technology can be seen anywhere in Europe. High quality road repairs are performed with an important reduction of costs.

### Features and advantages:

The thermal container is equipped with two independent heating chambers, both of them equipped with a propane gas burner to keep the asphalt at the necessary work temperature. The heating chambers have additional mineral wool isolation to prevent the asphalt from cooling. The chambers' design allows for optimum heat distribution and therefore saves energy.

The ATC 25 model is equipped with a 11kg gas bottle holder. From the ATC 50 model, all models are equipped with a 33kg gas bottle that prevents frequent changes. The gas burners are controlled by thermostats and if the temperature drops under a previously established value, the burners start electronically.







**Agriculture  
And Ranching**

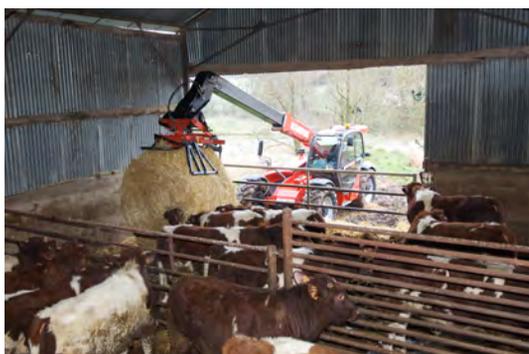
## Telehandlers



### Exploitation/cattle Ranching And Farming

#### Functions:

- Bucket Loading/unloading
- Load Handling
- Transport With Standardized Trailer
- Cleaning And Maintenance



## Special Farming Cooperatives



Handling With Vibrator And Umbrella



Truck Unloading



Manitou Forklift With Sweeper



Manitou Forklift With Sweeper



Olive Treatment

## Vibrators





**Case Compact Loader With Olive Tree Vibrator**



## Articulated Compact Loader



### Functions:

- Transport And Handling Of Materials
- Loading And Unloading With Accessories
- Cleaning With Sweeper





**Gardening  
And Forest**



**Plant Transfer**



**Forest Waste**



**Trunk Cutting And Handling**



**Agrarian Transformation**

## Avant Articulated Compact Loaders



Trunk Transfer With Trailer



Trunk Cutter Accessory



Trunk Carrier Accessory



Trunk Stump Accessories



Grass Cutting



## Telehandlers



### Special Gripper For Large Trunks



### Maintenance In Gardening Centers



**Environment  
And Recycling**

**Case Excavator With Handling Grippers For Recycling,  
Forest Waste And Material Classification**





### Material Maintenance At Recycling Plants

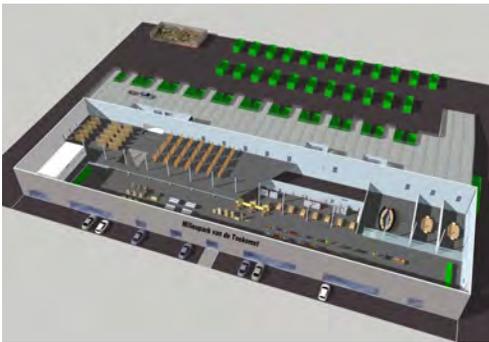


### Vehicle Handling At Junk Yards

## Recycling Points



## Recycling Centers



## Recycling, Transformation And Sale



## Mobile Recycling Center On Truck

## Recycling Of Construction And Demolition Waste (Rcd)



### Complete Recycling Plant Made Up Of:

- Classification Plant
- Crusher
- Sifter
- Mill
- Scrubber



## Recycling / Grinding Of Pruning And Gardening Waste





# Sport And Leisure Time Facilities



## Artificial Grass Maintenance



Brushing, sweeping, soil loosening, sand or rubber restocking.



## Load handling in sport facilities





**Electric vehicles up to 8 seats for:**

- Golf Courses
- Hotel Resorts
- Housing Developments

## “Mega” Vehicles:

A complete range of electric and diesel vehicles, with a loading capacity up to 800kg. Closed or open body options, with a tipping or rigid body, short or long.





**Vehicles for maintenance and transport of materials  
in parks and on rural roads**



**Washers and sweepers for sports and leisure time facilities**



**Town Planning**

## Platform on truck:

Telescopic or articulated version type platforms, carried on truck, electric vehicle and light transport. With elevation heights from 12 to 24 metres.



## Crawler Track Platform

Machine for working indoors, outdoors and any where that is limited in space and only allows little weight on surfaces.

Features :

- They work on uneven grounds.
- From 1,200kgrs. weight.
- They can work with gasoline and electric engines simultaneously.
- Independent stabilizers.
- Great work autonomy.
- Possibility of white crawler track to not mark the surface.



## Fire truck

Fire trucks from 24 to 55 metres with great versatility options.

Features:

- Latest electronic technology
- duplicated hydraulic and electronic systems
- Configuration of customer's needs

It meets the following regulations:

- EN 1777
- UNI-EN 15614-1
- UNI-EN 287-1
- EN 1846
- DIN 14502





## Self-Levelling Platform

MECAPLÚS introduces its latest innovation, the self-levelling articulated platform ME16SL, that hopes to revolutionize the way you work at height with total security, thanks to its automatic levelling system without stabilizers.

The ME16SL platform represents a new concept of efficient and highly secure platforms oriented to niche activities: pruning at height, industrial maintenance, cleaning of solar farms, tunnels, etc.

The ME16SL model provides a series of advantages that make this model the ideal solution for these activities:

**Work height: 15.7 m.**

**Automatic levelling system without stabilizers**

**Telescopic arm and jib**

**Proportional and simultaneous controls**

**Weight lower than 6,000kg.**

**Robust, reliable and simple maintenance**





**Urban Furniture**



**Planter boxer**



**Benches**



**information panels**



**Motorcycle parking**



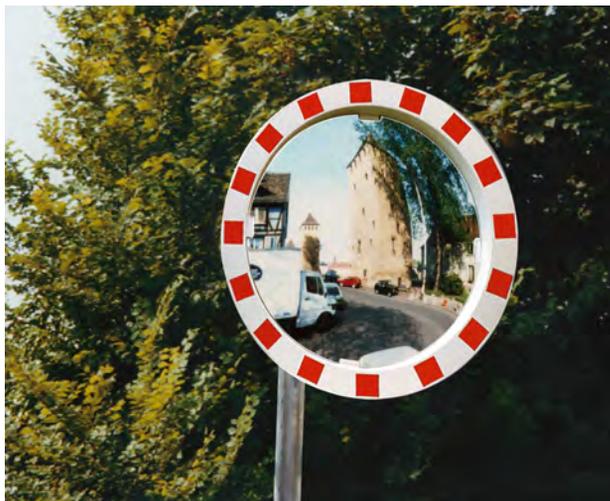
**Rubbish bins**



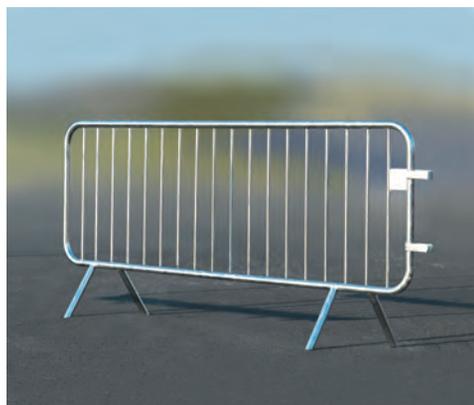
**Bicycle parking**



Access control



Traffic mirror



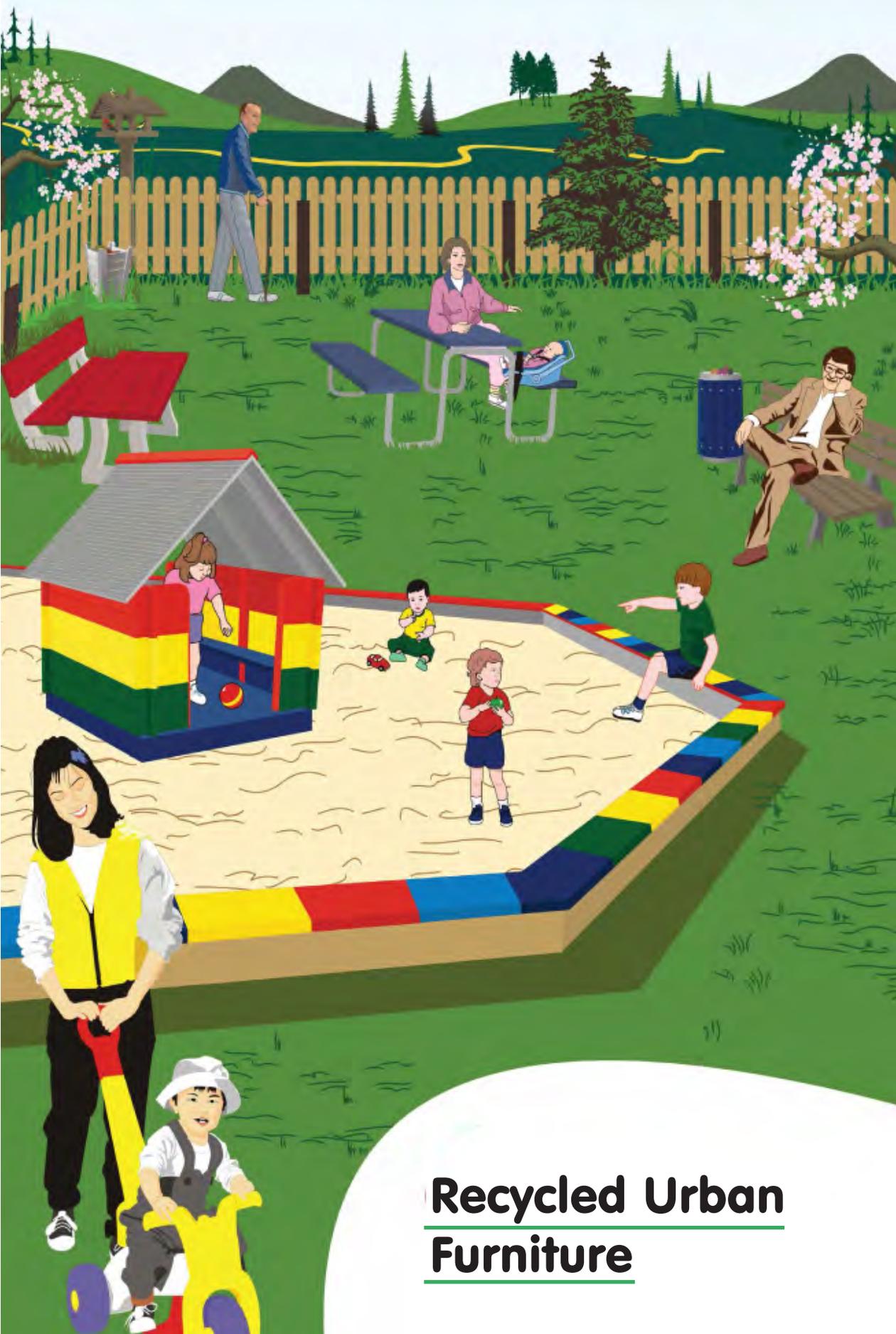
Pedestrian fences



Vehicle access guide posts



Guide posts



## Recycled Urban Furniture



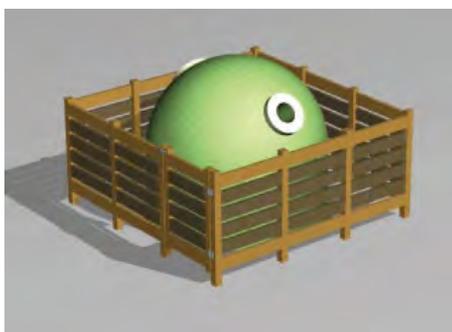
**Benches**



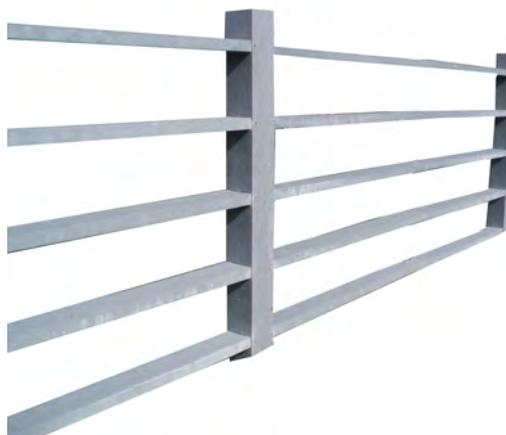
**Planter Boxes**



**Rubbish Bins**



**Ecological Islands**

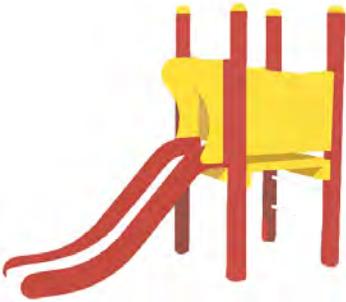
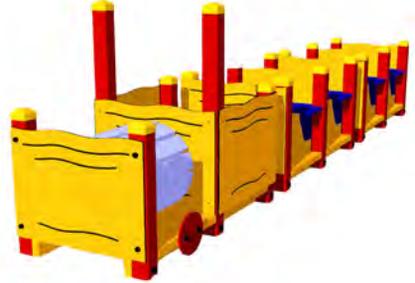


**Fenced**



**Beach Walkways**

## Children Play Areas



## Road Cleaners





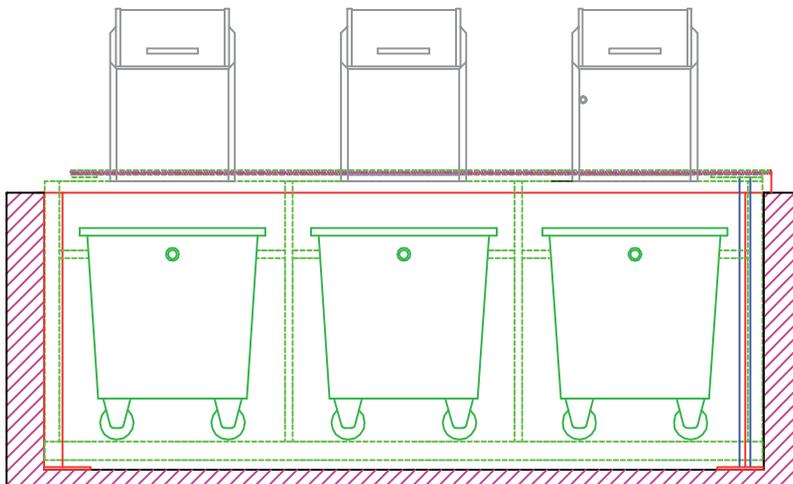
**Garbage Trucks**



**Snowplow Blade**



### Underground Containers



## Coffin Carrier

Coffin elevator machine, essential for doing an efficient and quick job without any kind of effort on the user's part. It is mainly characterized by the security it offers when raising the coffin to the niche, in this way solving many problems in many towns.



## Coffin Lowerator

Coffing lowerator made of chrome steel, valid for all kind of graves since its structure is able to be extended in all directions.







## Solutions For Material Handling

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For many years, Manitou's department of industrial material has developed handling solutions highly valued by the most demanding industrial companies.

Manitou MI, the new range of internal combustion forklift trucks, is the perfect example of Manitou's commitment to the industrial market.

This line's design is inspired by users needs: simplicity, comfort, reliability and efficiency, with the minimal exploitation expenses. The 12 different models of the MI range respond to all of your needs regarding industrial application.





**Range of diesel forklifts with capacity up to 7,000kg. and a range of 3 and 4-wheel electric forklifts with a loading capacity of up to 2,500kg.**





**Transportable Forklift**



**Maintenance at industrial facilities and load handling**



**AETJ**





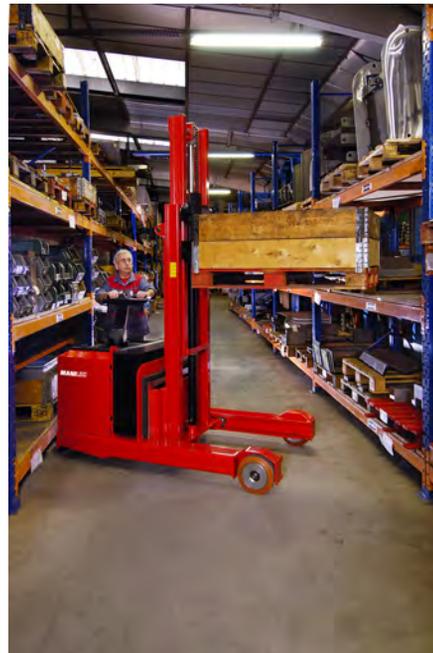
**Compact Electric Scissor Platforms Of Up To 12 Metres**



**Electric articulated platforms of up to 17 metres**



**Range of pilers and electric pallet jacks for warehouses**



**Platforms on trucks dedicated to following jobs:**

- Electrical installations
- Cleaning
- Lighting
- Painting
- Repairs





LIBRI



LIBRERIA

## Industrial Sweepers

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A wide range of sweepers available for every kind of surface, from standing-man sweeper for smaller facilities to man-on-board sweeper for extensive land. For particular use and as much as professional use, there is a model for every user, they are prepared to collect any kind of dirt, dry or wet, from dust to larger objects.



## Industrial Scrubbers

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The washer range includes many models and versions capable of satisfying different cleaning requirements which make them adapt to intense, constant and professional use. They are easy to use for they do not require particular preparation. Robust design to last over time.



**GRUPO PEÑA MAQUINARIA** was established in 1968 by Mr Juan Peña Torres and our focus is on the rental, sale and repair of machinery for many sectors: Construction, Agriculture, Industry, Recycling and Environment.



We rely on the exclusive distribution of many world-leading trademarks, such as: Case, Manitou, Atlas Copco, Dynapac, Avant, Carmix...

Our influence area extends to East Andalusia, with 3 offices located in Granada, Malaga and Jaen. With this closeness to the customer we can ensure better after-sales service, spare part purchase and technical help.



Every one of our offices has totally equipped facilities with mechanic shops, administrative offices and sales departments. We have delivery trucks and shop vehicles for on-site repairs.

Our technical staff, Highly trained, has been trained thanks to the constant investment in continued learning, attending courses given by the trademarks themselves and specific training courses provided by our company. Moreover, our experience allows us to prepare maintenance programs adapted to every customer, logistical studies for industries and specific technical reports.



The investment in training became a reality on the opening day of our own training classroom in 2003, with capacity for 50 people, located in our office in Granada. We offer specialized courses for forklift truck operators, forklift truck, backhoe loaders... All of them have been approved by the European Social Fund and are reimburseable by the "Tripartite Foundation".



UNIÓN EUROPEA  
Fondo Social Europeo



Fundación Tripartita  
PARA LA FORMACIÓN DE EL EMPLEO

You can look on our web page for more information about our products, apply for estimates, ask questions, watch demo videos, Access the used machinery database, read sector news...



To make searching for products and applications easier, we have divided the range into four sectors that will help you cover your needs in an intuitive and visual way:



You will be able to access our main web page and any of the others sectors from any group división. The updated database of our list of equipment used can be seen at: [www.grupemaused.com](http://www.grupemaused.com), we manage the sale of used cars and, if you want to access our store online at [www.grupemashop.com](http://www.grupemashop.com)



We obtained the ISO 9001/2008 quality certification in 2005 as a reward for our efforts in constant improvement, improving our facilities and executing an ambitious plan of staff training. This certification has been valued in several public administrative tenders.



GRUPEMA is a clear example of an innovative company. With a vocation and sales policy focused on the customer and a clear commitment to training with the objective to always provide the best service that meets up to the more and more demanding market expectations.



**GRUPEMA, A WHOLE WORLD  
OF SOLUTIONS AT YOUR SERVICE**

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