

MULTIONE EMISSION ZERO: FULL ELECTRIC ARTICULATED LOADER

Innovation is a consolidated **MultiOne**'s strong value. Environmental awareness is constantly growing and electromobility is not anymore a futuristic vision: it is reality. These facts has driven us to design a full electric version of our best seller 8 series.

The target was to guarantee the same performance in an electrically operated machine as our diesel mini loaders.

This was achieved: MultiOne Emission Zero series is reality.

EMISSION ZERO, NO EXHAUST FUMES

This means that work can be carried out efficiently indoors. But also means zero impact on air quality for urban applications, zoos, botanical gardens and parks.



LOW NOISE LEVEL, VERY LOW NOISE EMISSIONS

Ideal for noise-sensitive areas such as city centers, cemetery maintenance, hotel facilities, parks and local recreation areas. Perfectly suitable for municipal use and farming.

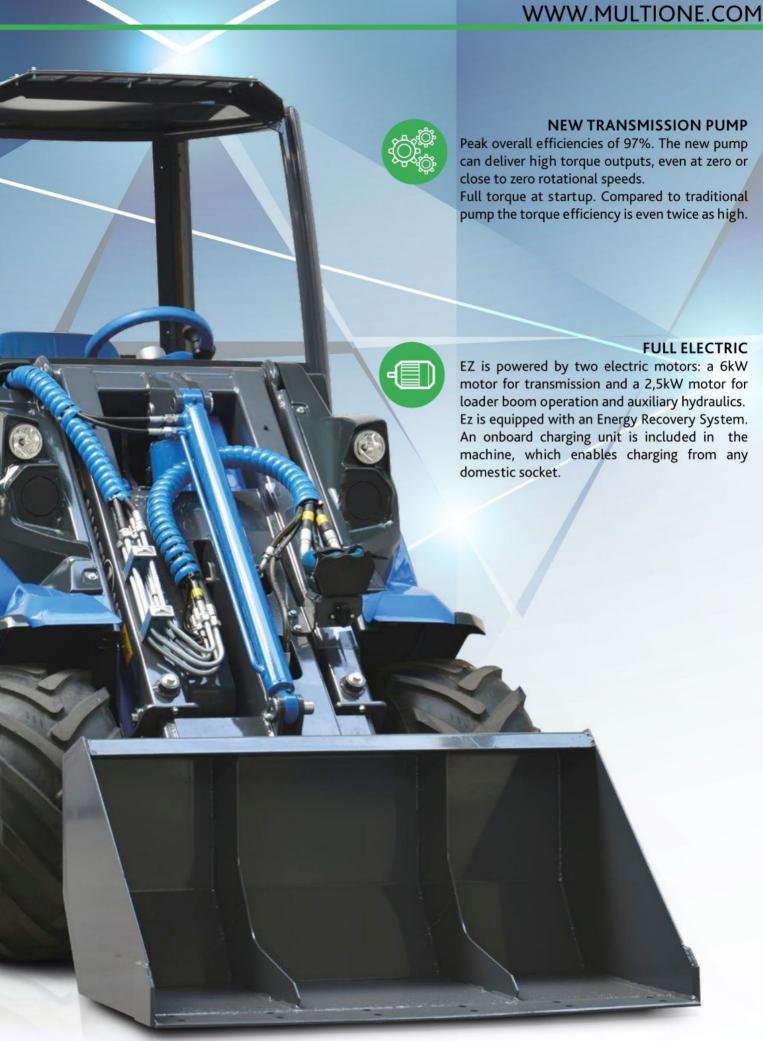


LOW RUNNING COSTS

Long running time. Cost savings thanks to the price advantages of electricity over diesel. Low maintenance costs: no more diesel engine maintenance costs (filter etc).







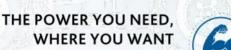
MULTIONE: THE MULTIPURPOSE ARTICULATED TELESCOPIC LOADER

MultiOne is the multipurpose workhorse that can maximise productivity while lowering costs. With more than 170 original attachments, MultiOne is a 4WD Swiss Army knife, saving you labour while getting more done.

MultiOne is all the machines you need in one, with its own unique characteristic: a powerful machine in a compact body.

SUPERIOR DESIGN, INSIDE AND OUTSIDE

State of art MultiOne design is the benchmark. On the outside MultiOne is easily recognisable, created to improve all round visibility and control of attachments. The ergonomic driver's area makes operating easy and stressless. All controls are where you expect to find them, with a multifunction joystick designed to put you in control and all functions at your fingertips. The adjustable, full suspension seat features parallel floating for a smooth ride. MultiOne provides comfort throughout long working shifts.



A tireless workhorse and a labour saving device, **MultiOne** was created for high productivity. Full electric motor and new transmission pump offer amazing hydraulic power, all in a compact, manoeuvrable 4WD package.

ARTICULATED

MultiOne machines feature a sturdy articulated chassis that improves balance and overall stability with a high constant payload in all environments. MultiOne's compact size offers great manoeuvrability in tight spaces. From a small indoor working area to an open field, MultiOne can reach places other machines can't.











ESTATE & PROPERTY MAINTENANCE

MultiOne is the perfect tool for property maintenance, thanks to it's low ground impact and ease of operation.

With over 170 attachments available, you have control of the most versatile compact mini articulated loader that can be adapted for sweeping, mowing, lifting, shifting, cleaning, mixing, digging, snow clearing and much more.

With compact dimensions, the articulated chassis and up front seating position grant amazing manoeuvrability in tight spaces and with all round visibility.





■ Hedge Cutter







■ Weed Brush

EMISSION ZERO SERIES





High lift capacity and powerful hydraulics give power and precision, allowing you to tackle a multitude of tasks with the most user friendly and comfortable miniloader available today.



D-I-Y & CONTRACTORS

MultiOne is the most flexible mini loader for modern construction and building sites. High manoeuvrability and compact dimensions enable access to areas that conventional machinery just can't reach. The high mobility of a **MultiOne** helps reduce labour time, cut costs and increase productivity.

MultiOne saves you time and money by reducing the number of machines needed on site, just choose your attachments, switch between them in seconds and transform your **MultiOne** for the next task at hand.



The enhanced lifting capacity of MultiOne enables lifting of heavy loads in tight work areas. The vast choice of attachments maximise efficiency and reduce labour time.



FARMING

One versatile machine, with over 170 attachments to handle bales, feed animals, clean barns & stables, prepare soil, maintain vineyards & orchards and so much more. Thanks to zero emission electric motors and the very low noise level, EZ series is the best solution for farms: **MultiOne** can handle typical farming tasks with ease, yet is compact enough to work inside buildings and barns where other machinery can't go.

The compact and agile telescopic **MultiOne**, adds versatility and big lifting performance over and above the conventional loader.



■ Heavy Duty Silage Fork



■ Vineyard tool carrier



EMISSION ZERO SERIES





Articulated steering combined with the DBS (Dynamic Block System) enabled drive system means you can drive on lawns, paving and sensitive surfaces with very low ground impact and no damage from the tyres.

LANDSCAPING & GROUNDS CARE

MultiOne has over 170 versatile attachments for drilling, earthmoving, tilling, trenching, digging, lifting, shifting, levelling, soil preparation and so much more.

EZ series can lift and load large 'ton' bags, pallets of bricks and blocks and other materials on all terrain.





EZ SERIES SPECIFICATIONS























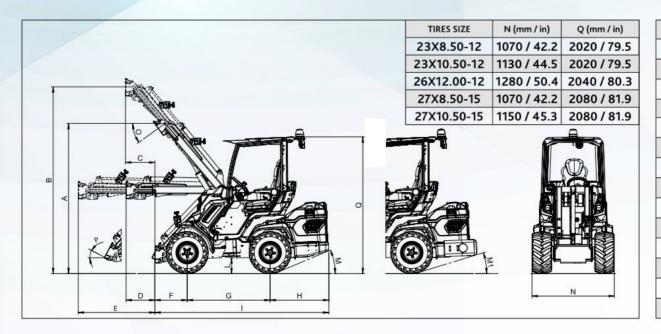
- Energy Recovyer System
- Integrated Battery Charger
- 4WD hydrostatic Direct Drive Motors
- DBS (Dynamic Block System)
- Self-leveling double-H telescopic boom
- 4-functions joystick
- Multi-disk parking brake
- Radial Piston Wheel Motors

- Hydraulic multiconnector
- ROPS-FOPS Level I
- LCD graphic display with programmed service (tachometer, hour meter, fuel gauge, maintenance light, light indicator and other 14 indicators)
- 2 front working light
- Ergonomic full adjustable suspension seat with armrests and safety belt

MODEL	EZ 7
Battery	Lead Acid
Battery capacity	16,5 kWh
Fuel	Electric
Transmission	Hydrostatic
Drive speed (max.)	12 km/h (7.5 mph)
Aux. hydraulics oil flow	35 l/min (9.3 GPM)
Max. lifting height	2,90 m (114 in)
Tipping load, max ⁽¹⁾	1600 kg (3527 lbs)
Lifting capacity straight ⁽¹⁾	1280 kg (2822 lbs)
Lifting capacity fully articulated ⁽¹⁾	1088 kg (2400 lbs)
Breakout force / 50 cm	1700 kg (3748 lbs)
Pushing force (c)	2050 kgf (2050 kp)
Specific ground pressure (w/standard tires)	1244 kg/m² (2734 lbs/sqft)
Turning radius: inside/outside	825/2090 mm (32.5/82.3 in)
Standard tires	26X12.00-12
Weight	1800 kg (3968 lbs)



(1) With rear weights.



DIMEN	NSIONS (mm / in)
Α	2280 / 89.7
В	2900 / 114
С	455 / 17.9
D	445 / 17.5
E	1185 / 46.6
F	500 / 19.7
G	1280 / 50.4
Н	910 / 35.8
1	2690 / 105.9
L	210 / 8.3
М	18°
M1	16°
0	36°
Р	29°
	•



- The double-H section boom provides excellent front end visibility, even when moving and lifting loads.
- The telescopic extension adds length, to reach further whilst enhancing maximum tipping height and outreach.
- Special sliding pads ensure stability, even with full load at maximum extension.
- 3-way simultaneous functions (lift, tip and telescope) with individual control.
- Self levelling assists the management of heavy loads with no hassle for the operator.
- The symmetrical design ensures the balance of forces applied for ultimate strength and stability.





The Hot Forged Articulation Joint provides best in class reliability and endurance, whilst preventing sideways pivot and enhancing driving stability.

The cab forward driving position and low slung battery mass at the rear ensures perfect weight distribution for improved load handling performance.

Rigid articulation and a Heavy Duty chassis, a great combination for stability and strength on all terrain.

- With emphasis on weight distribution and low centre of gravity, the cab forward design, with low slung rear mounted battery mass is optimised to benefit stability and handling.
- Cab forward operating position coupled with the telescopic boom layout grants the operator full visibility of the attachments. Powerful work lights ensure visibility into the night and through winter use.
- 4 wheel hydrostatic drive ensures ultimate grip in all conditions, while DBS (Dynamic Block System) adapts the drive to suit varied terrain.
- MultiOne side protection bar has been certified and awarded as a technical innovation system, it is placed to the left side of the operator and can be locked/unlocked very quickly.





Every component is considered by **MultiOne**, to maximise comfort and control.

The cab layout is designed with attention to ergonomic principles, intuitive location of instruments and controls ensure the ease of use.

Our R&D Department
has designed the
most impressive,
ergonomic and
comfortable driver's
area. The MultiOne
cab and controls are
the benchmark in the
mini loader market.

- The 4 function joystick enables easy and precise control of the loader boom and attachments. All controls are here, at your fingertips.
- A programmed electronic maintenance system notifies the operator in order to plan the correct maintenance at the right time.
- Switches operate auxiliary functions such as lights, external 12v supply, dynamic block system, etc... and all are waterproof.
- Adjustable suspension seat with floating mechanism is standard, this gives a comfortable ride on all terrain.



ELECTRIC POWER

The EZ 7 is powered by two electric motors: no exhaust fumes, very low noise emissions and low running costs.



- EZ 7 is equipped with two electric motors: a 6kW motor for transmission and a 2,5kW motor for loader boom operation and auxiliary hydraulics.
- Twin motors Single-Endend Circuits.
- Energy Recovery System.
- EZ 7 is equipped with a 16,5 kWh lead acid battery that assure a long running time from a fully charged battery.
- An onboard charger is included in the machine, which enables charging from any domestic power outlet.
- Battery charge level indicator.



TRANSMISSION & HYDRAULIC SYSTEM



- Hydraulic flow of up to 35 l/min boom control and into the auxiliary outlet (attachments drive).
- Best in class, high quality components used throughout.
- 2 pump hydraulic circuit.
- 4 Wheel Direct Drive, for agility and traction on all terrain.
- 4 Heavy Duty hydrostatic wheel motors provide power with great control and reliability.
- Dynamic Block System (DBS) enables working on varied ground conditions, without imposing damage.

- Extended hydraulic service interval (up to 500 hours).
- Innovative use of hydraulic tank size and position ensure lower oil temperatures even while working with demanding attachments.
- The new transmission pump technology assure high torque outputs, even at zero or close to zero rotational speeds: full torque at startup.

SWITCH ATTACHMENTS AS EASY AS 1-2-3









MultiOne's innovative hydraulic multi-connector is standard fitment. Connects all hydraulic lines simultaneously and in seconds, it's easy and dripless.

The easiest way to connect:

- Speed and ease of connecting attachments.
- Release pressure automatically.
- 100% drip free.
- Connection is always correct and secure.
- Large flow capability.



OPTIONS



It allows the mounted attachments to follow the contours of the land perfectly. Ideal for applications in landscaping and in the care of the green areas.

Boom Floating System



MultiOne snow chains improve traction on snow or ice.

Snow Chains



A side-protection bar that has been certified and awarded as a technical safety innovating system. It is placed on the left side of the machine to protect the operator from falling out of the vehicle.

Safety Protection Bar



Rear weights are used to increase the lifting capacity of the machine. They are to be mounted on the rear of the machine.

Rear weights



It is used to assemble attachments on the rear of the machine.

Covers the machine

against rain, snow, etc.

interior, protects

Rear Coupling Plate



Driver Area Cover



The multi-function electronic joystick allows an easy and precise control of the boom and attachments.

Multi-Function Joystick



Ergonomic seat with fully adjustable suspension, safety belt and documents compartment.

Hi-Comfort Seat



It protects the rear side of the machine in case of shocks.

Rear Bull Bar w/Side Extensions



hydraulic supply. The rear outlets are controlled by the control panel.

Rear Hydraulic Outlets



12 Volt rear electric socket to connect the attachments.

They are used to

mount on the rear side

attachments that need



12V Rear Electric Socket



This plate can be welded to attachments that do not have the MultiOne type of mounting plate, making all attachments usable on the MultiOne





The most competitive solution for who wants to improve working conditions thanks to a light cabin which limits the discomfort created by weathering. Available for front, right and back side.

"Smart" Cabin



The tie down brackets mounted on wheel hub makes easier to tie down the machine on a trailer.

Tie Down Bracket



Rear tow hook with double connection: with tow ball (car type) or tow pin (agricultural type).

Trailer Coupling



On the automatic attachment plate the locking pins move hydraulically and are operated from cockpit. This way the driver can stay on the seat when coupling and disconnecting nonhydraulic attachments.

Automatic Locking Plate



Spacers are used to make the machine wider and increase its stability.

Wheel Spacer Kit



Beacon light ensures more visibility and



Beacon Light

ATTACHMENTS



40 YEARS EXPERIENCE. MORE THAN 170 QUALITY ATTACHMENTS

MultiOne has a decade-long experience on design and implementation of dedicated attachments.

This know-how assures that only the best attachments for mini loader are branded MultiOne.

High reliability, efficient and cost-effective.



Width: 90 cm (35.4 in) 110 cm (43.3 in) 130 cm (51.2 in) 150 cm (59 in)

GENERAL BUCKET



Width: 110 cm (43.3 in) 130 cm (51.2 in)

GRAPPLE BUCKET



Designed for moving high volumes of light weight materials, including grain, forage materials, wood chips, mulch, and snow.

> Width: 110 cm (43.3 in) 130 cm (51.2 in) 150 cm (59 in) 180 cm (71 ln)

LIGHT MATERIAL BUCKET



This multi-purpose bucket can be used for demolition, landscaping, and general construction work. Bolt-on theet available.

> Width: 110 cm (43.3 in) 130 cm (51.2 in) 150 cm (59 in)

COMBO BUCKET

Increase the dump height of the machine by almost 60 cm (24 in) using the high tip bucket. The bucket is available with a flat cutting edge.

> Width: 100 cm (39.4 in) 130 cm (51.2 in) 150 cm (59 in) 180 cm (71 ln)

HIGH TIP BUCKET



The quick attach pallet fork enables safe and quick handling of multiple sized pallets.

> Forks Lenght: 80 cm (31.5 in) 90 cm (35.4 in) 110 cm (43.3 in) 120 cm (47.3 in)

PALLET FORK



The hydraulically operated grapple secures loads awkward loads like logs, poles, large tubes, and more.

> Max diam. to grab: 90 cm (35.4 in)

PALLET FORK HYDRAULIC CLAMP



This attachment enables safe and efficient handling of the oversized product bags containing fertilizer, corn, wood pellets, briquettes, and other granular products.

> Max Load: 1200 kg (2645 lbs)

BIG BAG LIFTER



The manure fork is designed to easily handle loose materials like hay, straw, or animal bedding.

> Teeth length: 80 cm (31.5 in) 110 cm (43.3 in)

MANURE FORK



This grapple is designed to safely and securely lift and move round hay bales up to 160 cm (5.25 ft).

Max bale weight: 1000 kg (2204 lbs)

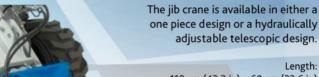
HAY BALE GRAPPLE



This machine creates trenches with minimal damage to lawns and gardens.

Digging Depth: 60 cm (23.6 in) 90 cm (35.4 in) 120 cm (47.2 in)

TRENCHER



110 cm (43.3 in) + 60 cm (23.6 in) 250 cm (98.4 in)

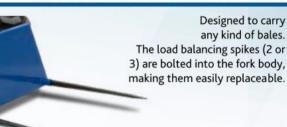
JIB CRANE



The multi-purposed silage fork, in combination with the frame top hydraulic clamp, makes moving loose or baled silage safe and easy.

Width: 80 cm (31.5 in) 95 cm (37.4 in) 120 cm (47.3 in) 150 cm (59 in)

HEAVY DUTY SILAGE FORK



Teeth length: 80 cm (31.5 in) 110 cm (43.3 in)

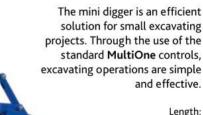
BALE FORK



The rugged design of the dozer blade makes a wide variety of jobs, from scraping hard soils, to grading and stacking loose soils, quick and easy.

> Width: 140 cm (55.1 in) 180 cm (71 in)

DOZER BLADE



Length: 130 cm (51.2 in) 150 cm (59 in) 165 cm (65 in) with 90° rotation

MINI DIGGER

The powerful hydraulic auger drive unit, combined with various auger diameters, provide excellent flexibility in all soil types. Wide range of auger drive units with different torques enables efficient use of 10 cm (4 in) to 100 cm (40 in) augers.





Digging Depth: 215 cm (84.6 in) 260 cm (102.4 in)

The MultiOne backhoe is a

compact yet powerful excavator.

A standard part of the backhoe

are the independent operator's seat and hydraulic controls.

BACKHOE

This unit's compact size makes it the ideal tool when working on sidewalks, driveways, footings, small building floors, and other hard-to reach or limited access areas.

> Volume: 350 l (12.4 ft³)



The narrow breaker profile enables the breaker to reach into places that other breakers can't.

> Impact energy: 190 J



other debris are quickly and driven attachment.

> Working Width: 130 cm (51.2 in)

ROTARY BROOM

An excellent tool to quickly clear light or moderate snow from sidewalks and driveways.

SNOW BLADE



AUGER

The concrete mixing bucket allows the operator to load, mix, transport, and discharge concrete much faster than the traditional stand-along mixer and wheel barrow.

> Volume: 200 l (7 ft3) 250 l (8.8 ft3)

CONCRETE MIXING BUCKET

Perfect system for cleaning parking lots, sidewalks, loading docks, warehouses, and more. Available with the optional collection box.

> Working Width: 100 cm (39.4 in) 120 cm (47.2 in) 150 cm (59 in)

SWEEPER WITH COLLECTOR

This attachment creates tremendous suction for collecting leaves, grass clippings, and other loose debris. The rotary side brush extends the cleaning area.

> Width: 100 cm (39.4 in)



This versatile, hydraulically operated snow plow offers 5 different blade operating positions.

> Blades Width: 120-126 cm (47.2-49.6 in) 150-170 cm (59-67 in) 200-230 cm (78.7-90.5 in)











The two-stage blower provides a powerful and efficient snow removal tool, even if the snow is wet and heavy.

> Working Width: 100 cm (39.4 in) 130 cm (51.2 in) 140 cm (55.1 in) 160 cm (63.0 in) 180 cm (70.9 in)

SNOW BLOWER

MultiOne trailers are useful for transporting garden waste, top soil, mulch, etc. Equipped with pintle a style hitch and parking brake. Available with either manual or hydraulic dump system.



Max load: 450 kg (992 lbs) 870 kg (1918 lbs) 980 kg (2160 lbs)

TRAILER

The safe working load for the aerial work platform is 120 kg (265 lbs), which makes it ideal for one man and plenty of tools. This platform is a cost effective system that enables reaching working heights up to 8 - 10 m (26 - 33 ft).



AERIAL WORK PLATFORM

Use this hydraulically powered flail mower with side shift for heavy shrubs and weeds, and see what it can do!





FLAIL MOWER WITH SIDE SHIFT

Designed for professional level green space maintenance, the MultiOne Tornado mower with the internal clipping catcher effectively cuts dry and wet grass.

> Working Width: 120 cm (47.2 in) 150 cm (59 in)

TORNADO LAWN MOWER



SALT AND SAND SPREADER

High pressure washers are perfect for cleaning construction sites and general maintenance. The powerful 170 bar (2,465 psi) pressure jet cleans dirt, built up and dry mud,

waxes, oils, grease, strips old paint, and more from any surface.



HIGH PRESSURE WASHER

A versatile and compact machine designed to efficiently cut long grass and small scrub plants.

> Working Width: 110 cm (43.3 in) 125 cm (49.2 in) 155 cm (61 in)



Ideal for fine cut applications, such as golf courses and large acreage mowing.





LAWN MOWER

The core aerator penetrates the ground pulling plugs of grass and soil from the ground, leaving the plugs behind.

> Working Width: 130 cm (51.2 in)

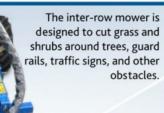




The hedge cutter is the perfect attachment for hedge cutting, hav mowing, and more.

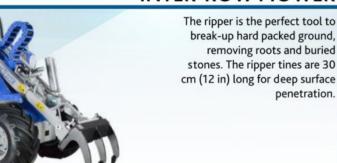
> Max. cutting diameter: 1 cm (0.4 in) 3 cm (1.2 in)

HEDGE CUTTER



Mowing disk diameter: 50 cm (19.7 in) 80 cm (31.5 in)

INTER-ROW MOWER



RIPPER

The stump grinder is safely controlled from the MultiOne's operator's seat. The solid steel cutter wheel and heavy duty teeth assure long lasting cutting performance.

Slewing angle: ±40°

STUMP GRINDER

The MultiOne tree shear is a combination of a grapple to grab and safely control a tree and a powerful cutting shear to harvest the tree.

> Ø Max. limb: 15 cm (5.9 in) 10 cm (3.9 in)

TREE SHEAR



Max load: 650 kg (1433 lbs)

LANDSCAPE POT CLAMP



POWER HARROW



LEVELER

The hydraulically powered MultiOne winch is powerful enough to safely recover a stuck vehicle, haul logs, or even load a boat.

> Cable Length: 25 m (82 ft)

WINCH

More attachments are available in the MultiOne **Products** Handbook

PRODUTCS HANDBOOK





MultiOne's huge network of world wide distributors provides valuable support to the customers during the choice of the right machine and attachments to fulfill their business needs.

After the sale, the same network has deep technical training to assure the best maintenance, parts support and to help the customer discover new applications and possibilities through his MultiOne.



Dealer:

MultiOne s.r.l.

Via Palù 6/8 - 36040 - Grumolo delle Abbadesse Vicenza - Italy - Ph. +39 0444 264600 info@multione-csf.com - www.multione.com

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