

english

MULTI¹NETM

Technology in the future



M Series



Multione with its versatility is ideal for all maintenance works: in few seconds, thanks to the attachments that can be connected to the quick coupling plate of the lifting boom, it will become a lawnmower, a rotary brush, an auger, a compact loader and many more.

Multione is the final result of a careful study to meet the needs of small gardeners, landscaping contractors, municipalities, for small contractors engaged in building, refurbishment or even laying tiled floors.

Multione is the ideal machine for who ever likes the "Do-it-Yourself" too !

Multione is a combination between technology and "easy-to-use" machines .

It is the leading machine among the mini-multifunctional machines, thanks to its unique and innovative solutions, which well-characterize the production and development of CSF products.

Multione "M" is the machine that anyone can drive!

It represents a real investment for any user, because it allows to save time and to reduce managing costs to companies and public administrations.

M Series compact, manoeuvrable multifunctional

Your personal assistant.

The most compact 4-wheels machine's

The 4-wheels machines of M Series are M20D, M23B and M28D. It is a range mainly focused on compact dimensions, multifunctional capacities and suitable to customers who need professional machines.

These machines can be equipped with more than 50 attachments and for this reason they are suitable for private and municipal maintenance, for green keeping, for small contractors engaged in restructuring and building as well as in paving floors.

The innovative design applied even to the smallest detail together with the high balance between weight and power, place M Series among the most interesting machines of this category.

No compact machine in the market is more powerful than Multione M series.



Front lifting boom

- The “closed H-shape” of the boom’s frame, allows to see the attachment even when the boom is lifted and it grants much more strength while working. It assures an elevated hydraulic power, higher than many other machines when lifting heavy loads and while driving with any attachments.
- All joints are equipped with anti-friction long lasting bearings.
- The boom can reach cm. 180, which helps to reach the platform of a truck to unload material inside containers with tailgate.
- Universal quick coupling plate, for mounting any attachment in few seconds.
- Electro-hydraulic outlets, for working with a wide range of tools.
- M Series is standard equipped with floating boom system, to use attachments even on irregular surfaces.
- Self-levelling kit, to keep the load always steady.
- Rear outlets for using further attachments and for increasing flexibility of use.



The frame

The chassis, in high resistant steel, is articulated by joints with “Heavy Duty” bearings, to grant a real manoeuvrability in narrow spaces. It is extremely long lasting and a very little maintenance is needed.

The dimensions of both half-chassis, the front and rear one, allows the machine to reach even very difficult corner of the working area.

All machines are available with tractor or turf tyres.



Comfort and drive seat

With an advanced machine as Multione M, the operator finds:

- Comfortable and ergonomic seat, which keeps the operator's body in a correct position even while working on rough grounds.
- Standard folding arms rest.
- Driving controls easy to reach, for keeping a natural drive and comfortable position even after many working hours.
- Noise level lower than the values fixed by the CE regulations, to avoid noise and stress while working.



Safety

- Roll-bar with Plexiglas® roof, to protect the operator while working.
- Two bright working lights, positioned in a sheltered position from knocks/impacts.
- User-friendly active controls, to prevent the unintentional activation of attachments.
- Control panel with optical signals for engine, temperatures and levels. They are all clearly placed in the dashboard, on the right of the operator.
- M Series is designed to offer a wide visibility on every direction. In fact, visibility means safety for the operator which must control the machine in any situation with no dark coner around him.
- The very low centre of the machine allows to lift heavy loads without loosing stability even on the most demanding situations and/or surfaces.



Weight distribution

The engine is placed in a very low position in the rear chassis that gives the machine a perfect balance on the distribution of the weight with the following advantages:

- Extreme stability in any conditions. The best of its kind.
- Great lifting capacity, coming from the right weight distribution.
- Perfect gripping ability and traction capacity on any surface, thanks to the powerful, proportional 4WD hydraulic transmission.



Progressive Dynamic Block System

- Maximum traction without damaging the working surface.
- Adjustable by the operator, thanks to a hand grip placed on the dashboard.

Transmission

The 4 wheel-motors are controlled by the proportional hydrostatic transmission that offers a great power and speed of 10 Km/h

“Pin Lock” emergency brakes, always efficient and safe.

All Multione models are equipped with maintenance-free “Heavy Duty” wheel-motors for great and long-lasting performances: they have been improved for working under extreme weather condition from the most rigid temperature to the hottest ones.



Hydraulic power

3 pumps hydraulic system with separated circuits to reach always the best performances. Thanks to this system the attachments receive constantly the oil- flow to grant the maximum results of the attachments, independently from the transmission system and the boom controls.

Standard independent radiator for hydraulic circuit.

Petrol engine, certified emissions

M23B mounts a versatile petrol Briggs & Stratton engine, of the Vanguard series, conceived to respect the environments but also to offer the best in terms of power, reliability and lasting.

It is a 2-cylinders engine, which delivers a full 23 Hp with a very high torque. It has a vertical-shaft structure that enabled CSF to create a really compact machine, very similar to an utility ATVs.

It is a very trustful engine granted for thousands of working hours and covered by a warranty of 2 (two) years time.



M23B



20 Hp **M20D**
28 Hp **M28D**



Diesel: the choice for Professionals

Diesel engine: powerful and tireless. It is for sure the favourite engine from the professional users.

M20D and M28D mount a diesel engine respectively of 20 and 28 Hp. Both are a 3-cylinders engine, water cooled, strong and powerful, for working under every condition.

Covered by a 2-years warranty period, these engines are already in conformity with the latest anti-pollution regulations.

The weight of the engine, mounted on the rear side of the machine, increases the lifting capacity, by reaching top values in this machines' category.

M14D

- 3WD machine with steering rear wheel
- Zero turning radius for operating in narrow spaces.
- Hydrostatic transmission with drive control to avoid wheels skidding and for driving without problems on any surfaces,
- Yanmar diesel engine, 12 HP single-cylinder, air-cooled, with low consumption and strong torque, capable to offer to the machine all the power needed by the different applications.
- Front boom with universal quick coupling, for more than 10 different attachments.
- Self-levelling kit, for keeping the load always steady.
- Available with tractor or turf tyres.



The exception that proves the rule

Until today private and professional maintenance's jobs have been carried out using tools with limited performances, with the operator walking behind the machine or performing the task manually: but with M14D you can forget about this old way of working!

More than a small tractor, more than a 2-wheel-tractor, M14D is your multi-purpose tool, the only 3-wheels machine of the Multione range, specially developed for people who want to maintain their own garden and grounds', for handicrafts, for small maintenance, for stable yards and for touristic facilities.



Who needs the M Series?

Considering the features of M Series, the catchment area is quite wide:

- Green keepers: lawn mowing, hedge cutting, earth moving, pruning collection
- Small building contractors: earth moving, pallet lifting, concrete mixing
- Hirers: for contractors and private users
- Farms: stalls cleaning, feed distribution, silage handling
- Civil Service: public property, snow removal, cemeteries -jobs, green keeping
- Civil defence: small excavations, emergency road repairs, debris and rubble clearing
- Nurseries: handling of plants in vase and in clod.
- Bathing establishment: equipment handling, drilling

moreover:

Hotel, Residence, Camping, Farm holidays, Golf club, recycling activities and general handling companies.



A machine for all seasons



Spring

- Creating gardens
- Looking after green spaces
- Sweeping streets and forecourts
- Mowing grass
- Moving pallets
- Loading lorries
- Renovation and flooring
- Storing feed for animals
- Handling fodder and hay bales
- Cleaning stables and cowsheds
- General maintenance

Summer

- Building gardens
- green spaces maintenance
- Sweeping streets and forecourts
- Removing sand
- Repairs
- Hobbies and leisure
- Small excavations
- Loading lorries
- Storing feed for animals
- Handling fodder and various feedstuffs
- Cleaning stables and cowsheds
- General maintenance



Autumn

- Looking after green spaces
- Cutting firewood
- Mowing grass
- Collecting leaves
- Sweeping streets and forecourts
- Handling pallets
- Loading lorries
- Renovation and flooring
- Storing feed for animals
- Cleaning stables and cowsheds
- General maintenance

Winter

- Cutting firewood
- Snow removal
- Spreading salt and sand
- Sweeping streets and forecourts
- Handling pallets
- Loading lorries
- Building maintenance
- Renovations
- Storing feed for animals
- Cleaning stables and cowsheds
- General maintenance





Versatile and functional

The Multione M Series are the most versatile, stable and compact machines in their class. Innovative design combined with excellent build quality provides unrivalled ease of operation, productivity and all round capability.





Vase clamp

It is a useful tool for garden centres, to handle heavy vases without difficulties.



Tornado, lawnmower with collecting box

Studied for the maintenance of the green, in public and private grounds, the professional TORNADO mower collector cuts perfectly both dry and wet grass.

Green maintenance

One machine for mowing the grass, cutting the hedges, preparing the ground for seeding, brushing the paths, digging canals for irrigation... Gentle on the most delicate surfaces, stable on the roughest grounds, agile on the narrowest spaces.

Nurseries

With MULTIONE machines you can dig holes for the trees, load, carry, unload the mold or other materials just dug out; to move the plants in pots or clods, with the great advantage that being articulated, it allows smaller manoeuvres and to work easily on muddy grounds and surfaces with low-adherence.

Irrigation

In addition to the classic buckets, you can mount also trenchers. They are specific tools for digging canals to lay the irrigation pipes. Thanks to the articulated chassis of these machines, it is possible to dig easily both straight or curved canals.



Clipping machine

For trimming hedges, for pruning vines, even on uneven hill conditions, suitable for wine growers, gardeners etc.



Front flail mower

It is suitable for trimming grass, small bines and brambles, to revive parks, gardens and sports grounds.

For gardening



Bucket

For digging, handling, levelling ground and topsoil. It is ideal for building sites and fields. Its special design allows the operator to see always the front angle of the bucket from the driving-position.



Wood cutter

For cutting logs and creating smaller pieces easier to handle. Hydraulic force of 7 tons.



Trailer

It is useful for moving vegetable scraps, topsoil, manure and logs. It is helpful for green keepers. Trailer equipped of tailgates and tow-hook



Tree clamp

A suitable clamp for handling branches and wooden pieces. Equipped with 4 gear clamps , 2 fixed and 2 hydraulic controlled .



Bucket

For digging, handling, levelling ground and topsoil. It is ideal for building sites and fields.



Trencher

For digging narrow ditches for pipes and cables lying. It is an essential tool for irrigation installation and public maintenance.



Front flail mower

It is suitable for trimming grass, small bines and brambles, to revive parks, gardens and sports grounds.



Bale grab

Farms use bale grab for handling silage and heavy bales, without damaging their wrapping.





Silage fork

It is useful for heavy jobs in agriculture, suitable for collecting shrubs, scrub wood and timber.



Long teeth fork

It is ideal for farms for lifting and moving big quantities of hay.

For agriculture

Farms

MULTIONE machines are very useful for the maintenance of livestock, barns. Moreover, they represent a real small investment for opening new drainage canals, for the canalization of water in the farmlands. The boom allows loading mixer feeders and thanks to their high lifting capacity, MULTIONE machines can lift every kind of round bale.

Breeding and Beekeeping

Indispensable when needing to clean cowsheds, stalls, sheepfolds or for feeding animals... MULTIONE machines are also very useful for loading, moving and unloading the beehives.

Stable yards

The wide range of MULTIONE products includes several attachments which are specific for riding schools and hippodromes: for levelling the grounds, moving the obstacles, cleaning the stalls, feeding the horses...



Feed dispenser

Breeders and holiday farms make use of it to feed the animals in the stalls.



Dumper

Useful for waste collection, transport and storage of goods, a valid helper for green keepers.



Angle blade

It is the ideal tool for earthmoving and similar jobs where the materials must be dozed away quickly. It can turn 30° to the left and 30° to the right.



Snow turbine

A very efficient snow removal tool, both for wet and heavy snow, useful for touristic facilities and public maintenance. The chimney can rotate 200° either manually or by an electrical control.



Rotary brush

For brushing sand, grains, small stones from roads, squares, pavements... For green keeping and public maintenance.



Auger

Useful for horizontal perforation and for trees planting.



Grass clipping bar

Attachment for cutting the grass in the fields, useful for farmers.



Lawnmower

For gardens, parks, golf courses, indispensable tool for green professionals.



High volume bucket

For snow removal and handling of different light materials like powders, manures, wood shavings ...

Other uses

Municipal maintenance

For road maintenance, new road signs, moving plants and trees out of the way, emergency road repairs, lifting good while settings a stage for concerts, shows, ballets. All these works can be done by a MULTIONE and they can help saving money to a municipal governments' budget!

Tourist facilities

Hotels, residences, lodges and camping choose MULTIONE for their several activities, in all seasons: green maintenance, snow removal, clearing of paths.

Cemetery services

In the range of MULTIONE machines there are several attachments that are specific for cemeteries services, for digging and displacing. Compact, articulated and quite noiseless, MULTIONE is the ideal mean of transport for moving easily through the paths of these holy places and for their maintenance.

DIY and leisure

Working with MULTIONE machines during then weekend or in the free-time becomes a almost a "pastime" Cleaning the garden, emptying out rooms, transporting old things has never been so easy !



Pallet fork

CSF pallet fork is the basic attachment for lifting and handling of different types of materials on pallets.



M14D

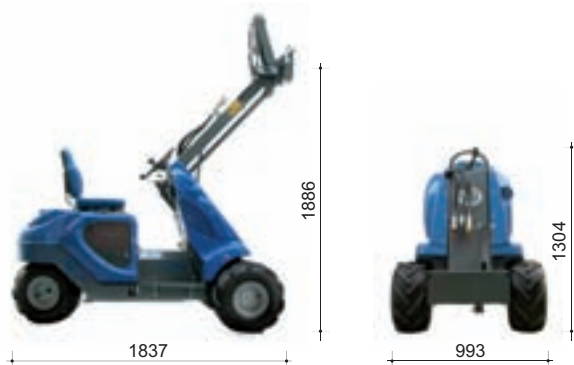


M20D



Engine		YANMAR
Fuel and transmission		Diesel 3WD
Cylinders / Power		1cyl/12hp-9kw
Displacement	cc	406
Revolutions	rpm	3600
Cooling system		air
Tank capacity	lt	3
Speed	Km/h	8
Pushing power	Kgf	450
Maximum lifting capacity	Kg	250
Hydraulic lifting capacity	Kg	400
Hydraulic outlet	lt/min	19 (2 pumps)
Dimensions (L x D x H)	mm	993x1837x1304
Max height with extended boom	mm	1886
Tyres		18x9.50-8
Weight	Kg	390

Engine		B&S VANGUARD
Fuel and transmission		Diesel 4WD
Cylinders / Power		3cyl/20hp-15kw
Displacement	cc	700
Revolutions	rpm	3600
Cooling system		water
Tank capacity	lt	12
Speed	Km/h	10
Pushing power	Kgf	750
Maximum lifting capacity	Kg	480
Hydraulic lifting capacity	lt/min	750
Hydraulic outlet	mm	31 (3 pumps)
Dimensions (L x D x H)	mm	993x2160x1922
Max height with extended boom	mm	1820
Tyres		20x8.00-10
Weight	Kg	750





M23B

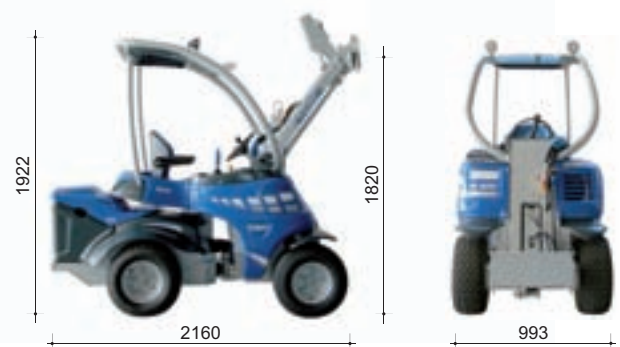


M28D



Engine	B&S VANGUARD
Fuel and transmission	Petrol 4WD
Cylinders / Power	2cyl/23hp-17kw
Displacement	cc 627
Revolutions	rpm 3300
Cooling system	air
Tank capacity	lt 12
Speed	Km/h 10
Pushing power	Kgf 750
Maximum lifting capacity	Kg 400
Hydraulic lifting capacity	Kg 750
Hydraulic outlet	lt/min 31 (3 pumps)
Dimensions (L x D x H)	mm 993x1859x1922
Max height with extended boom	mm 1820
Tyres	20x8.00-10
Weight	Kg 650

Engine	B&S VANGUARD
Fuel and transmission	Diesel 4WD
Cylinders / Power	3cyl/28hp-21kw
Displacement	cc 954
Revolutions	rpm 3600
Cooling system	water
Tank capacity	lt 12
Speed	Km/h 10
Pushing power	Kgf 750
Maximum lifting capacity	Kg 480
Hydraulic lifting capacity	Kg 750
Hydraulic outlet	lt/min 31 (3 pumps)
Dimensions (L x D x H)	mm 993x2160x1922
Max height with extended boom	mm 1820
Tyres	20x8.00-10
Weight	Kg 780





BENGT WALLE
* 28.2 1921 † 21.7 1992
INGA WALLE
* 13.3 1924 † 2.0 2008



Attachments

Attachments



Sand bucket with blade

90 cm	100 lt
100 cm	185 lt
110 cm	205 lt
130 cm	240 lt
150 cm	280 lt

Quick and easy loading and emptying. Ideal for earth, soil, gravel, sand. It is equipped with standard holes where it is possible to screw forged teeth.



Dumper

97,5 cm	200 lt
97,5 cm	400 lt

Very useful attachment for waste collecting, transporting, storing and emptying. It has a support which allows it to be left in place while the machine is working.



Multi-purpose bucket 4 in 1

100 cm	100 lt
110 cm	150 lt
130 cm	180 lt
150 cm	210 lt

It can be used as a normal bucket as well as a dozer blade, a leveler or a grab. The front side opens by means of two hydraulic cylinders.



Trencher

Depth	Width
60 cm	14cm
100 cm	16cm
120 cm	18cm
*60 cm	12cm
*100 cm	12cm
*20 cm	12cm

*for hard ground
For digging narrow trenches without damaging lawn and gardens.



Grapple bucket

100 cm
130 cm

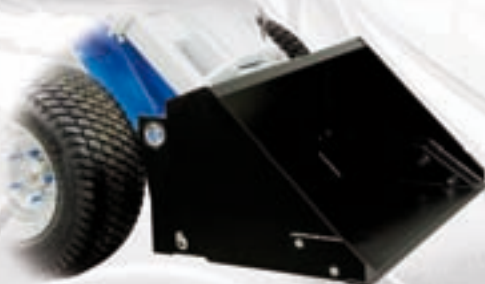
It combines a normal bucket and a grapple and it is suitable for a multitude of jobs. It can be used for transporting and loading of branches, wood chip, compost, straw, manure, construction waste...



Angle blade

140 cm

Equipped with hydraulic tilting blade. It's the ideal tool for earth-moving and similar jobs where the materials must be dozed away quickly.



High tip bucket

100 cm	210 lt
130 cm	280 lt

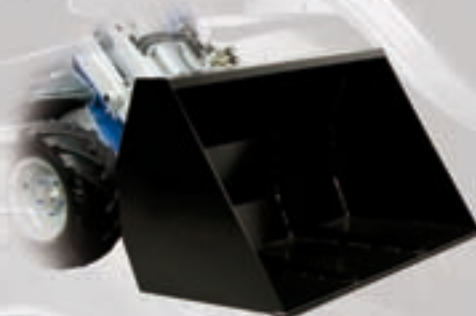
With this attachment it is possible to reach longer and higher than with many bigger machines. It can be tipped over its front edge with a hydraulic cylinder, thus achieving a higher tipping height.



Snow plough

180 cm

Equipped with hydraulic tilting blade. The snow plough is the ideal tool for snow-removal on the streets or public and private squares.



High volume bucket

100 cm	320 lt
110 cm	400 lt
130 cm	480 lt
150 cm	550 lt

Snow removal and handling of different light materials is easy with these buckets with volumes up to 550 litres.



Winch

Wire rope	30 mt
Pulling power	1000 Kg
Safety net	

This winch enables towing of logs, poles, cars and other types of machines. It's powered by a hydraulic motor. Equipped with a safety net, 30 mt. of wire rope and a towing hitch.

Attachments



Ripper

Width 50 cm

This attachment is a sort of rake with three tines, conceived for breaking up ground, for pulling out roots and ripping up compacted ground.



Cement mixer

Capacity 250 lt

It's the ideal attachment for situations where electricity is not available or the mixed concrete must be transported and/or lifted to a place not easily accessible. It's powered by a hydraulic motor and emptying happens by tilting the mixer forward.



Leveler

Width 150 cm

Simple but useful attachment for levelling and planning of larger areas. It is possible to level sand, mulch, earth, very easily and quickly.



Concrete mixing bucket

Capacity 200 lt
Capacity 250 lt

It's the ideal tool for making cement. It has a smaller volume than the CSF cement mixer, but it can be filled to the brim. It can be used as a standard bucket to collect the sand. It has a grill which prevents big stones from falling inside it.



Grader

Blade 210 cm
Laser 300 mt

It's suitable to level off land, roads, squares and sport facilities. It's equipped of blade with right and left inclination, climb and descent. aSide translation with total hydraulic control and laser system control for high precision work.



Material paver

W= 100 cm 400 lt

Efficient attachment for laying asphalt, gravel, sand. It's the ideal tool for maintenance of pavements and parking areas. The bottom of the paver opens hydraulically and it is adjustable from 0 to 10 cm.



Mini backhoe

W= 25 cm D= 80 cm
W= 40 cm D= 90 cm

Compact backhoe developed for light digging works, but efficient at the same time. It's a professional attachment, suitable for small and medium Multione machines.



Flow planer

W= 35 cm D= 15 cm

The flow planer is an equipment for planning small trenches, crossing or small asphalt crust stripping jobs. Its asphalt milling drum is suitable for scraping of asphalt, especially when it is necessary to renew the road surface. A version with cutting disc is available for breaking roads and cable laying.



Backhoe

Rotation 180° D= 215 cm

It's a very compact and amazingly powerful digging unit, especially developed for hard construction work. It's easy and quick to mount on the loader. Digging from the driver's seat is comfortable and easy.



Hydraulic hammer

Weight 60 Kg
Weight 90 Kg
Weight 120 Kg

The hydraulic hammer is an extremely efficient tool in demolition and refurbishing operations. Very fast and effective: you can go anywhere with this unit.

Attachments



Vibrating roller

100 cm	380 Kg
120 cm	456 Kg
150 cm	680 Kg

For restoring roads after digging works, for compacting those areas difficult to reach with a standard roller. It's hydraulically driven and it can be filled of water to make it heavier.



Trailer

Length	120 cm
Total weight	800 Kg
Own weight	190 Kg

This trailer with manual tipping is useful for ransporting garden waste, top soil, mulch etc... All sides can be removed if necessary and this makes the trailer an excellent timber transporting vehicle.



Rotary brush

100 cm	70 Kg
120 cm	84 Kg
150 cm	87 Kg

Available with or without collecting box. It can be quipped with humidification kit in order to reduce the dust. Rotation adjustment can be operated manually.



Bee house elevator with holder

Lifting height	90/160 cm	W=105cm
Lifting height	135/240 cm	W=105cm

It's a useful attachment for beekeepers, for moving their bee houses easily. This attachment can also be used for lifting and moving generic cages.



Pallet fork with rotation

90 cm	1000 Kg
Rotation	180°

It's the basic attachment for lifting and handling of different types of materials on pallets. Forks can be easily adjusted thanks to the quick lock mechanism.



Pallet fork

80 cm	250Kg
90 cm	1000Kg
110 cm	1200Kg
120 cm	2000Kg

This pallet fork is the basic attachment for lifting and handling of different types of materials on pallets.



Hydraulic clamp for pallet fork

Width 40 cm	220 Kg
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This attachment can be mounted on pallet forks. With the hydraulic clamp you can lift and transport single logs or smaller timber bundles. The grab is equipped with a powerful cylinder.



Lifting trolley

Max height	270 cm	1500 Kg
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The lifting trolley can lift heavy crates and pallets, big sacks and other heavy materials. It's equipped with big foam filled tyres, which give good transporting capabilities on any surface.



Silage fork

80 cm	60 Kg
90 cm	75 Kg
100 cm	100 Kg
120 cm	110 Kg
150 cm	130 Kg

A robust silage fork equipped with a powerful hydraulic cylinder. The strong blade types pins of the grapple penetrate very well into all types of feed.



Long teeth manure fork

Teeth length	80 cm
Width	110 cm

It's a very useful attachment, destined for detaching and handling of manure and similar materials.

Attachments



Round bale fork

Teeth length	80 cm
Width	85 cm

The round bale fork can easily lift and transport silage bales, hay bales and other bales without wrappings. The bale forks can be mounted on all CSF machines models.



Bale grab

Max weight bale	126 Kg
Min diam bale	97 cm
Max diam bale	150 cm

With the bale grab is possible to lift and transport wrapped silage bales, hay bales and other round bales without damaging plastics or nets. For transporting more than one bale in one time.



Snow turbine

80 cm	single*
100 cm	double*
120 cm	double*
140 cm	double*

* stage

Very efficient snow removal tool, also with wet and heavy snow. Chimney can be rotated 200°, manually or electrically operated from the driver's seat.



Salt and sand spreader

120 cm	250 lt
150 cm	330 lt

It's designed for fast and efficient spreading. Powered by hydraulic motor and equipped with a mixer axle, for preventing the sand from clogging up.



Spraying bar

Capacity	100 lt
Width	450 cm

The spraying bar has been developed for spraying green areas and small fields. Hydraulically driven, it has a 100 litres capacity tank. It can be mounted on the back side of the machine with min. 27 Hp engines equipped with 3 point lifter and rear outlets.



Feed dispenser

350 lt	140 Kg
520 lt	210 Kg

It's a bucket equipped with a hydraulic motor and a screw inside, destined for the distribution of flour, crushed grain, etc... The edge of the grain dispenser tilts all the way down so that loading from ground is very easy.



Silage cutting bucket

100 cm	340 Kg
120 cm	410 Kg

Powerful and robust silage cutter with two hydraulic cylinders for cutting easily silage from silo and take directly to the cattle. It cuts 8 animals' silage at one time.



Stone burier

Roller 120 cm
Roller 140 cm

A professional hydraulic stone burier for preparation of lawn beds. The stone burier mills the the soil, buries eventual stones and other objects up to 15 cm depth in a single pass, making milled and tamped topsoil.



Rotary tiller

105 cm	90 Kg
125 cm	110 Kg
145 cm	145 Kg

The rotary tiller is ideal for the fine preparation of garden beds, seed beds, rotovating, etc...



Stump grinder

Weight 107 Kg

The stump grinder is a useful tool for landscaping and green maintenance. By passing over the stump from right to left and back, the disc grinds the stump till hiding it in the ground.

Attachments



Stump buster

Cutting head diam.	35 cm
Weight	300 Kg

The stump buster is an efficient, easy and safe way for removing tree stumps. The three blade cutting head has slow speed and high torque, which means that it can be used within confined spaces and pedestrian areas safely. The drive unit is equipped with a hydraulic motor and planetary gearbox which guarantee high torque and efficient cutting.



Vertical wood-splitter

Weight	110 Kg
Crushing force	7 t

It is equipped with an hydraulic cylinder that push the tree-trunk towards the blade with an hydraulic force equal to 7 tons. Cutting high and blade are adjustable.



Front flail mower

100 cm	115 Kg
105 cm	122 Kg
130 cm	145 Kg
155 cm	162 Kg

The right attachment for those situations where a normal lawn mower cannot be used where the cutting result can be more rough.



Side flail mower

Cutting width	80 cm
Cutting width	100 cm

For road maintenance and municipalities. It cuts efficiently long grass and small scrub. It's an ideal tool for bank mowing and similar jobs.



Lawn mower

100 cm	mulching
120 cm	side
150 cm	side
180 cm	side

It's a hydraulic mower deck ideally suited for CSF machines with telescopic boom, where the mower can be moved farther away from the loader.



Tornado, lawn mower w/collecting system

120 cm	200Kg
150 cm	250Kg

Developed for a perfect cut, ensured by the high tip blade speed. The high turbulence and air-flow generated by the blade rotation convey the cut grass into the collecting box.



Clipping machine

Cutting diameter	1 cm
Cutting diameter	3 cm

The clipping machine is a perfect attachment for trimming the edges of a lawn, hedges, flower arrangements, etc... It consists of a hydraulically operated trimmer mounted next to a cutting disc. The trimmer levels the cutting edge. Cut angle electrically adjustable.



Grass clipping bar

Cutting width	167 cm
Weight	80 Kg

The CSF cutting bar is destined for mowing long hay on fields, meadows and road banks. It's equipped with 2 mowing sickle bars.



Tree clamp

Width	100 cm
Teeth length	101 cm

It's a very useful attachment, destined for handling of manure or logs. The lower teeth are stationary whereas the upper teeth can be hydraulically opened and closed.



Hydraulic bio-shredder

Material diam.	9 cm max
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Developed for chipping quickly branches, small tree trunks, logging waste, sawmill residue, etc... Wood feeding is manual.

Attachments



Stake planter

Weight 110 Kg

It allows driving stakes with the work of only one operator. It's possible to grasp the stake through pliers and place it to the desired position. When stake is driven in the ground at the right position, through a control it is possible to open the pliers and place the vibrating plate on the stake.



Lifting pole

Standard 250 cm

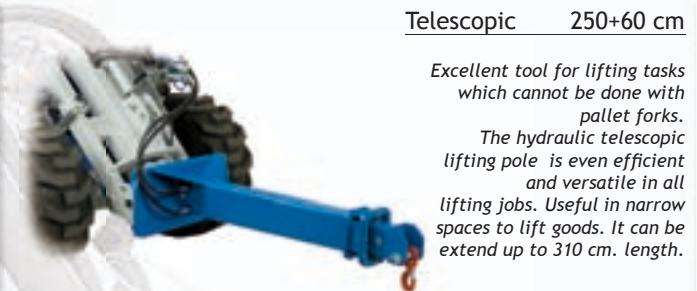
Excellent tool for lifting tasks which cannot be done with pallet forks. The hydraulic telescopic lifting pole is even efficient and versatile in all lifting jobs.



Vase clamp

Side clamps earthenware
Side clamps plastic
Hedge clamps earthenware

The vase clamp is a useful tool for nurserymen, for lifting plants in plastic pots, trees, barrels, etc...



Telescopic lifting pole

Telescopic 250+60 cm

Excellent tool for lifting tasks which cannot be done with pallet forks. The hydraulic telescopic lifting pole is even efficient and versatile in all lifting jobs. Useful in narrow spaces to lift goods. It can be extend up to 310 cm. length.



Auger for tree

ø 80 cm 120 Kg
ø 100 cm 200 Kg

Powerful hydraulic auger with two auger diameters. Its drills are studied to turn over the ground, by making this special auger an indispensable tool for tree transplanting.



Tree transplanter

Clod diam. 27 cm
Clod diam. 40 cm
Clod diam. 75 cm

This attachment is very useful for moving plants in clod, without damaging their roots. Available in several models, for different plant diameters.



Vibrating head

Umbrella capacity 540 Kg
Umbrella ø 600 cm

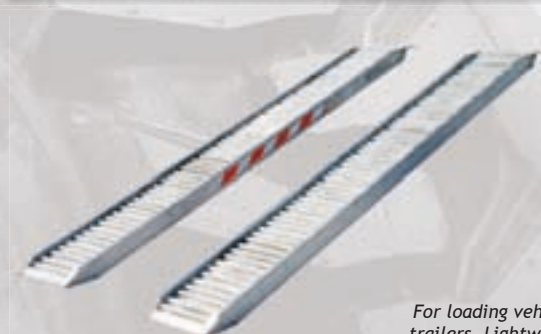
It represents the most advanced technology for harvesting olives, almonds, nuts, prunes, apricots, pistachio and all fruits that undergo into industrial transformation process.



Auger

T1 Drill diameter 10÷50 cm
T2 Drill diameter 15÷50 cm

Powerful hydraulic auger with many different auger diameters to suit various tasks, tree transplanting, etc... Standard drive unit (T1) has hydraulic motor and direct drive to the auger. Heavy duty drive unit (T2) is equipped with planetary drive to increase torque, needed especially in hard ground conditions.



Aluminium ramps

250 x 38 cm
300 x 42 cm
350 x 42 cm
400 x 42 cm
450 x 42 cm
500 x 42 cm

For loading vehicles on vans and trailers. Lightweight and strong.



Hydrocleaner

Jet pressure 175 bar
Tank capacity 200 lt

CSF hydrocleaner is useful in building sites and for general maintenance. Its powerful 170 bar pressure jet enables to detach dirt, encrusting substances from means of transport or working machines, as well as waxes, oils, paint... It is also useful for cleaning old facades or removing graffiti.

Options



Back weights 12 Kg
available only for M14D



Back weights 88 kg
available only for M23B



Snow chains
easy to mount, for a greater adherence



Turf-wheels
for not damaging the lawn



Trailer coupling
available for models M20D and M28D



Heated seat
for comfort during winter time



Wheels spacers
5 holes, not available for M14D

Notes

Machines

Attachments

For further information on MULTIONE machines and the complete range of attachments, visit our web site:

www.multione-csf.com

Here you can download photographs of the machines at work as well as the technical specifications of the various products.

Also visit the web site of your local MULTIONE dealer.

The information and images in this document are provided for illustrative purposes only and do not bind the manufacturer, who reserves the right to make modifications at any time without prior warning.

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