WHO CAN JOIN QUALITY, PRACTICALITY, SOL ONLY US AND WE DO IT FOR YOU.



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WE CAN MAKE YOUR JOB PRACTICAL, FAST AND PROFITABLE

SIMA EQUIPMENT MAKES YOUR CONSTRUCTION SITE MACHINE MULTI-FUNCTIONAL.





Sima was founded at the end of the 70's for steelwork fabrication and in 1992 started to manufacture mixing buckets. The little known product at the time, starts to gain momentum, boosting Sima's turnover year after year. Sima moved to the current 1800 m² production site in 2000. A few years later 2 new products were added to the range: bucket sweepers and pallet forks. In 2009 a second 1200 m² warehouse was built allowing Sima to expand both its numbers and models. Today Sima, thanks to the non-stop progress of industrial technology, the development of new production processes with last generation machinery and the constant use of quality material, is able to manufacture 14 models of mixing buckets, 6 models of road and industrial sweepers and pallet forks.



SIMA MIXING BUCKETS CONCRETE ALWAYS CLOSE AT HAND.

mixing buckets for concrete

Sima mixing buckets can be applied to any type of skid-loader, backhoe loader, wheeled loader, telescopic forklift, excavator or tractor (with front loader). All are equipped with Danfoss hydraulic engine, mixing propellers in Hardox 500 antiwear material, front hot-dip galvanised grille with bag breaker, electric diverter to operate the discharge mouth, hydraulic pipes and electric connection to apply to the construction machine, drain pipe.

Hydraulic opening grille with pressure release valve Pneumatic opening grille with pressure release valve Double bottom in Hardox 450 antiwear steel Sima System multiple hitch system Hopper for side discharge Pressure accumulato

We customise machines upon specific request by the custom



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model	S10	s15	s20	s25	s30	s35	s40	s45	s50	s75	s100
capacity I	100	150	200	250	300	350	400	450	500	750	1000
no load weight kg	182	265	280	350	380	400	540	600	700	950	1000
concrete weight *	240	360	480	600	720	840	960	1080	1200	1800	2400
full load weight kg **	422	625	760	950	1100	1240	1500	1680	1900	2750	3400
type of transmission	gearbox	gearbox	gearbox	chain	chain	chain	chain	chain	chain	chain	chain
recommended rpm	30	30	, 30	30	30	30	30	30	30	30	30
transmission ratio	1/8.4	1/8.4	1/8.4	10/54	10/54	10/54	9/46	9/46	9/46	10/65	10/65
oil capacity min / max	41/75	41/75	41/75	41/75	41/75	52/90	65/90	69/150	69/150	123/240	123/240
continuous pressure bar	130	130	130	140	140	180	160	160	160	180	160
peak pressure bar	180	180	180	180	180	210	190	190	190	200	190
central discharge opening	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
dimensions wxlxh	100x70x65	100x85x70	125x85x70	155x90x75	165x90x75	170x100x75	165x105x100	175x105x105	195x105x105	195x125x120	210x130x13

Aggregates are loaded directly with the mixing bucket applied to the work vehicle. Later on water and cement are added in the percentages required for the job.

The particular design of the impellers pushes the mixture towards the middle of the bucket. This forced mixing helps to achieve better quality concrete (without dropping from the walls).



The mixing bucket is equipped with an opening at the bottom in order to discharge the processed product by falling. Applying an unload hopper makes it possible to direct the concrete to the desired point

*SPECIFIC WEIGHT OF CONCRETE 2400kg/cubic meter. Circular of Ministry of Labour and Social Policies (Registration: 0000028.02-07-2013): it is necessary to verify the work vehicle has an admitted operating load higher than the maximum mass of the mixing buckets.





peration: 30 seconds.

of operation: 2 minutes

2 minutes

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1500	1800	2000
1750	1800	1900
3600	4320	4800
5350	6120	6700
chain+2 mot	chain+2mot	chain+2mot
30	30	30
10/80	10/80	10/80
160/250	160/250	160/250
180	180	160
200	200	190
hydraulic	hydraulic	hydraulic
215x150x160	235x150x160	250x150x160
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Sima sweepers come in two versions: standard or industria

Standard sweepers are recommended for those laying asphalt or for whoever needs to collect a large amount of debris They can be applied to any type of skid-loader, backhoe loader, wheeled loader or telescopic forklift. They are supplied with PPN brushes, double bevel reversible blade and direct drive engine with shaft.

STANDARD SWEEPER OPTIONALS Internal wheels in nylon (4 internal)

Internal wheels in nylon+iron (4 internal) External wheels (2 internal + 2 external) in nylon External wheels in iron (2 internal + 2 external) Side cleaning brush kit Pressure watering kit Cascade watering kit or without tank Central or side brushes in steel Sima System multiple hitch system

Side cleaning brush kit Pressure watering kit Cascade watering kit or without tank Central or side brushes in steel Sima System multiple hitch system

Industrial sweepers are recommended for cleaning squares, warehouses, bicycle paths and pavements. They can be applied to any type of skid-loader, backhoe loader, wheeled loader or telescopic forklift. They are supplied with PPN brushes, vulkolan blade, direct drive engine with shaft and collection bin with hydraulic opening. All of our sweepers are fitted with Danfoss engines.



model SPZ 12 SPZ 15 SPZ 18 SPZ 21 SPZ 24 SPZ 26 SPZ 12i SPZ 15i SPZ 18i SPZ 21i SPZ 24i SPZ 26i

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total width (mm)	1450	1750	2100	2400	2700	2900	1450	1750	2100	2400	2700	2900
working width (mm)	1200	1500	1800	2100	2400	2600	1200	1500	1800	2100	2400	2600
depth (mm)	1450	1450	1600	1600	1900	1900	1800	1800	1800	1800	1800	1800
height (mm)	800	800	800	800	800	800	800	800	800	800	800	800
weight (kg)	250	300	400	550	700	800	300	400	500	650	800	950
brush Ø (mm)	600	600	600	600	600	600	600	600	600	600	600	600
no. brushes	28	32	40	46	54	59	28	32	40	46	54	59
capacity (I)	360	450	540	630	720	810	360	450	540	630	720	810
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NOW ANY WEIGHT BECOMES LIGHT.

fork carrier plates

SIMA lifting forks can be applied to any type of skid, backhoe loader or wheeled loader, telescopic forklift (the versions applied to the skids are equipped with rollover protection of the load.

OTHER MEASUREMENTS AND CAPACITIES CAN BE REQUESTED ON DEMAND

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capacity (quintals)	10	18	25	30	35	45	50
width (mm)	1200	1200	1200/1500	1200/1500	1500	1500	1500
length (mm)	1200	1200	1200	1200	1200	1200	1200
section (mm)	80x30x1200	100x35x1200	100x40x1200	100x45x1200	120x45x1200	120x50x1200	150x50x1200
fem measurement	FEM 1	FEM 2	FEM 2	FEM 2	FEM 2	FEM 3	FEM 3
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