

maskin mekano

LS 302

Compact screening plant



Handy format- powerful solutions

Every detail in the Ls 302 is designed to maximise the output when producing topsoil. It is compact but still dimensioned for professional use. The rugged construction is focused on the essentials: capacity, flexibility and reliability.

Effective feeding

Feeding is performed using a frequency controlled vibratory feeder designed in collaboration with Skako Comessa exclusively for the Ls 302. The powerful movement handles wet and sticky material and recycling masses very well. The feed-in-height is only 3,1 m.

The hopper is equipped with a heavy duty reject grid that tips slightly beyond 90° for effective removal of large stones. The reject grid is remote controlled via radio transmitter. The opening gap between the bars is 200 mm as standard.

There are foldable protection plates on the sides of the machine in case access ramps are needed. Loading can be performed with both an excavator and a wheel loader.

High performing screen

The Maskin Mekano screens are well-known for their outstanding screening performance and the Ls 302 is no exception in that matter. The Ls 302 is equipped with the STE 2-26 double-deck screen. The aggressive stroke makes it ideal for top soil production as it prevents plugging. It is almost horizontal for precise division of fine material and to prevent the masses from just slithering over the deck.

The upper deck can conveniently be used as skimming area when the soil contains stones and sods, to protect the finer topsoil meshes.





The open construction gives full accessibility to the screenbox for ease of maintenance and inspection.

Stockpiling

The Ls 302 is fitted with a rear conveyor of 8.3 m for great stockpiling capability. The motorized pulley measures 300 mm and is gummed for operating security even in bad weather.

Low fuel consumption

All Maskin Mekano plants are electrically driven which means their diesel consumption is up to 60% lower than hydraulically driven plants. With the current rising fuel prices an investment in a new machine is most profitable.

Not to mention the environmental benefits!

Design cooperation

During the construction process Maskin Mekano has cooperated with an external designing engineer which has resulted in a smart-looking machine as well a reduced amount of components. This keeps the production costs at a minimum and makes an investment more profitable.

Versatile plant

The Ls 302 is optimized for

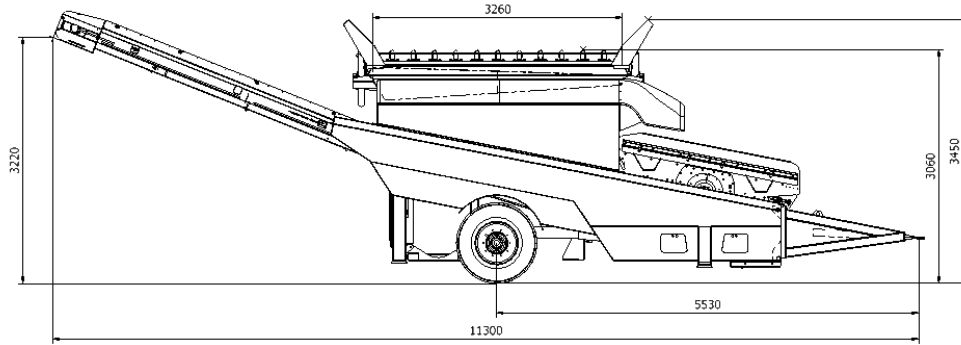
topsoil production but is suitable for a wide range of materials such as gravel, sand, woodchip or recycled material.

As the set-up time is only 5 minutes and screening media is quick and easy to change the plant is ideal for producers with short-term commissions. The compact size makes it ideal for on-site production, even on a very limited space.

Safe investment

Because of the rugged construction a Maskin Mekano plant keeps the value like no other plant. The outstanding capacity and low operating costs make the investment profitable. The high second-hand value makes it safe.





Technical Specification Maskin Mekano Ls 302

Transport Length	11.3 m
Transport Width	2.5 m
Transport Height	3.7 m
Machine Weight	approx. 9.5 tonnes, depending on equipment
Screenbox	STE 2-26 Screening surface 1.2 x 2.2 m on two decks Single axle mechanically controlled with 12 mm stroke 11° incline Motor 4.0 kW, 400 V
Vibrating feeder	Width 1100 mm Effect 2 x 2.3 kW
Reject grid	Standard distance between bars 200 mm, adjustable Hydraulic tipping, self cleaning Radio controlled tipping
Hopper capacity	3.5 m ³
Rear conveyor	Belt width 800 mm Length 9.5 m Drummotor 4.0 kW Height under the drum drive 3.2 m Volume at a 45° angle of repose 34 m ³
Electric equipment	Distribution box with safety breaker, safety disconnection breaker, emergency stop, pre-regulator as well as extra motor socket
Hydraulic equipment	Hydraulic aggregate for tipping of the grid and jacking legs. Motor 4.0 kW
Driving package	Dieselmotor Deutz, 1500 RPM. Generator Busk, 35 kVA/50 Hz
Wheel- and towing device	Wheel dimension 22.5/65/385, 10 bolt. VBG drawbar eye

Due to Maskin Mekano's policy of continuous product improvements, specifications are subject to change.