

XAVA®



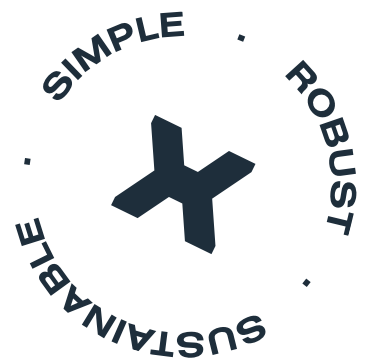
Compact Vibrating screens

SHAKE IT.

MAKE IT.

TAKE IT.

Process comparatively small volumes of material on-site instead of disposing of it. That is the XAVA idea.



SHAKE IT.

MAKE IT.

TAKE IT.



Construction and demolition waste, excavated material, green waste, etc. - there are countless jobs for screening material. Thanks to XAVA, there are also the right machines to do it.

Screens were invented quite a few years ago. XAVA has made it possible for you to screen comparatively low volumes of material to save money and reduce environmental impact.

My team and I develop and build compact, robust vibrating screens for the widest range of tasks. The material can be screened on-site, separated according to specified sizes, directly reused and/or cleanly disposed of. And, it's as easy, convenient and trouble-free as can be. Makes sense, right?

A handwritten signature in black ink, appearing to read 'Stefan Löbl'.

Stefan Löbl
Owner & CEO

XAVA screens are environmentally friendly: they are powered by gravity and electricity.

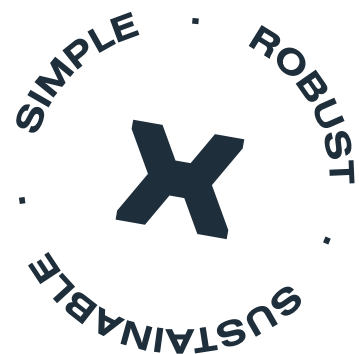
Coarse material falls off, fine material falls through. The screen decks mounted at an angle of precisely 18° separate material with the help of gravity and a motor operated by mains electricity or a 3-phase power supply. Quiet, emission-free and without petrol fumes.





**Where can
you still find
machines
today that
don't need a
display screen
or WiFi?**

XAVA's compact vibrating screens are built to do what they're supposed to do without the fancy bells and whistles. They just need to work. Reliable and simple - job done. What it takes is proven design and quality manufacturing.



Clever advantages instead of fancy frills.

Simple handling

Switch on, switch off - that's it.

Flexible

Flexible screening of a wide range of materials. Screen decks are easy to replace.

Clean

Electric drive system. No noise, no emissions, no contamination of the site.

Lightweight

Easy to transport with a standard car trailer and lifting device.

Low maintenance

Changing the screen decks and tightening the bolts at regular intervals is all the attention that these machines need.

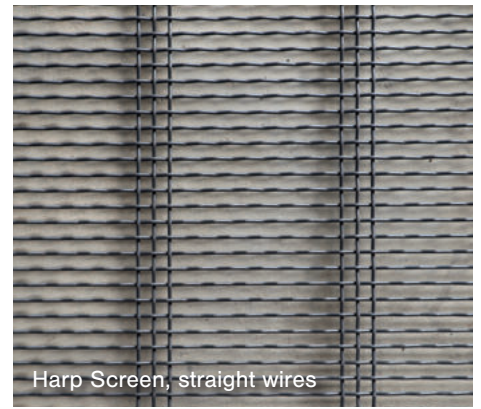
Made in Austria

Developed and built in Austria. Featuring high quality components such as original springs from Eibach in Germany and top class motors from Italy.

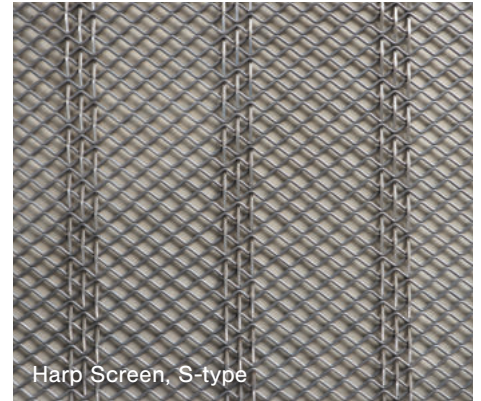


Built for screening:

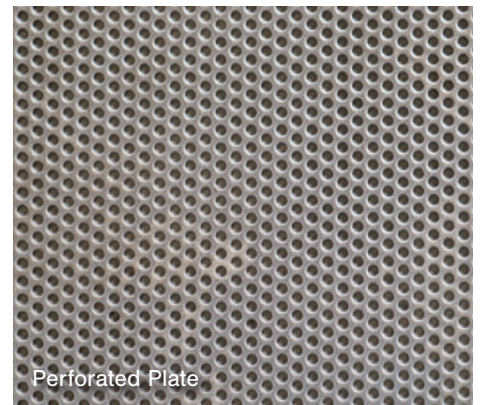
**Compost
Soil
Sand
C&D waste
Humus
Brick debris
Bark mulch
Stones
Wood chips
Gravel
Asphalt***



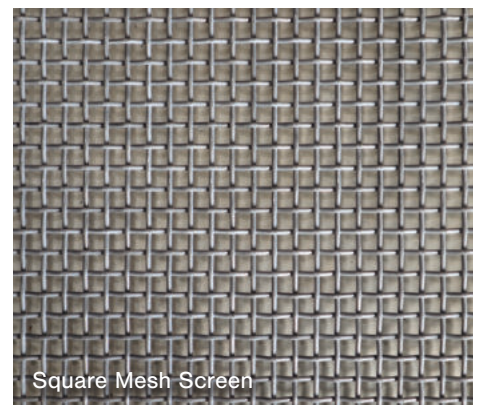
Harp Screen, straight wires



Harp Screen, S-type



Perforated Plate



Square Mesh Screen

*LS24 and LS28



Does a lot of your work:

Garden & Landscaping, Biomass (wood chips),
Construction, Earthworks & Composting

Shake it. Make it. Take it.

The Garden-Master is the XAVA vibrating screen for using at home. For larger jobs, we recommend the LS line. Thanks to the robust steel construction of the screen structure, the screened material can be neatly transported away with standard kit such as wheeled loaders, front loaders, mini-dumpers, etc. With the Garden-Master as well as with the LS12 vibrating screen, the screened material can be fed directly into a wheelbarrow.



Garden-Master

Screen weight:	17 kg
Vibrating motor:	0,05 kW, 3000 RPM
Connection:	230 V
Height:	955 mm
Space required:	916 mm x 469 mm
Screen deck size:	690 mm x 388 mm = 0,27 m ²
Deck change time:	5 minutes



LS12

Screen weight:	190 kg
Vibrating motor:	0,16 kW, 1.500 RPM
Connection:	230 V
Height:	1.440 mm
Space required:	1.180 mm x 1.210 mm
Screen deck size:	1.040 x 675 mm = 0,7 m ²
Deck change time:	5 minutes
Max. bucket width:	80 cm

With lug tread tyres for rough terrain. Manoeuvrable by hand.

Our compact multi-talents.



LS14

Screen weight:	300 kg*
Vibrating motor:	0,4 kW, 1.500 RPM
Connection:	230 V
Height:	1.440 mm
Space required:	1.310 mm x 1.210 mm
Screen deck size:	1.080 x 1.040 mm = 1,1 m ²
Deck change time:	5 minutes
Max. bucket width:	120 cm



LS14X

Screen weight:	370 kg*
Vibrating motor:	0,4 kW, 1.500 RPM
Connection:	230 V
Height:	1.900 mm
Space required:	1.510 mm x 1.210 mm
Screen deck size:	1.080 x 1.040 mm = 1,1 m ²
Deck change time:	5 minutes
Max. bucket width:	140 cm

*weight incl. lifting device

Process materials in no time.



LS16

Screen weight:	490 kg*
Vibrating motor:	0,62 kW, 1.500 RPM
Connection:	400V with operating h-counter
Height:	1.820 mm
Space required:	1.850 mm x 1.380 mm
Screen deck size:	1.400 x 1.250 mm = 1,75 m ²
Deck change time:	10 minutes
Max. bucket width:	165 cm



LS16X

Screen weight:	525 kg*
Vibrating motor:	0,62 kW, 1.500 RPM
Connection:	400 V with operating h-counter
Height:	1.920 mm
Space required:	2.050 mm x 1.380 mm
Screen deck size:	1.400 x 1.250 mm = 1,75 m ²
Deck change time:	10 minutes
Max. bucket width:	185 cm

*weight incl. lifting device

Our big screens separate up to three fractions in one go.



LS24

Screen weight:	1.400 kg*
Vibrating motor:	1,15 kW, 1.500 RPM
Connection:	400 V with operating hours counter
Height:	2.290 mm
Space required:	2.400 mm x 1.580 mm
Screen deck size:	2 x 2.180 x 1.630 mm = 7,1 m ²
Screen upper deck:	2 units 1.630 x 1.090 mm = 1,78 m ²
Screen lower deck:	2 units 1.630 x 1.090 mm = 1,78 m ²
Deck change time:	20 minutes
Max. bucket width:	220 cm



LS28

Screen weight:	1.700 kg*
Vibrating motor:	1,15 kW, 1.500 RPM
Connection:	400 V with operating hours counter
Height:	2.541 mm
Space required:	2.800 mm x 1.600 mm
Screen deck size:	2 x 2.560 x 1.630 mm = 8,3 m ²
Screen upper deck:	2 units 1.630 x 1.280 mm = 2,09 m ²
Screen lower deck:	2 units 1.630 x 1.280 mm = 2,09 m ²
Deck change time:	20 minutes
Max. bucket width:	260 cm

*weight incl. lifting device

Even easier ways of working.



Conveyor belts

If the material has to travel a distance from the site to the screen or from the screen to be transported, we recommend deploying our conveyor belts. They are between 2.5 and 6 metres long, and up to 8 units can be joined together.



Feeder grid

Another equipment option for the LS24 and LS28: In contrast to the standard rubber belt version, this metal plate feeder grid doses materials such as wood chips, sand, and gravel etc. even better.



Special orders

XAVA in-house engineering and the modular construction of our compact vibrating screens mean that they can be adapted to meet customer specifications. A higher or enlarged screen substructure is often requested, and this is something we are pleased to provide.

Dust suppression

For dust-free operation in residential areas, we offer all our screens with an optional water spray system.

S-Line

S as in stationary. We can deliver all of our screens optimised for permanent installation or for placement on a concrete plinth.

Is it worth the investment?

Yes, within a very short time.

Once you've got it, a XAVA screen saves money every time. In the following example, the screen pays for itself after just one week.

How is that possible? Materials are processed and reused on site. This saves cash. Every time you use it.

Screened material: Soil

Average quantity screened	40,00	m ³ /hour
Market price	20,00	€/m ³
Results in sales revenue of	800,00	€/hour
minus Operating costs		
Excavator incl. operator	150,00	€/hour
Profit	650,00	€/hour
Investment cost		
LS28 list price*	23.500,00	€ each
The investment pays for itself in	36	hours



Guaranteed performance for years. Sustainability at its best.

XAVA's compact vibrating screens are well-engineered, compact and robustly built in our own workshop in Upper Austria.

The screen decks are easy to replace and the mountings can withstand countless hours of operation. That is why we are confident in providing a 2-year warranty on all our screening systems. We don't hear anything from most of our customers during that time. Except good things.

Often copied, never close to the original.

Our vibrating screens are often a blueprint for our competitors.

But to remain a pioneer and the Austrian market leader, we continuously invest in the further development of our original machines.





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