



SX blad

Standard version

The 38SX series comes with a quick-change system for the spade blades.

For safety purposes, each machine has a torque limiter on the Walterscheid PTO. This special PTO ensures that the drive stops if there is an obstacle in the machine. The standard version also comes with LED lights and warning signs, while the machine itself is powder-coated.

Maintenance-friendly materials and a few easily accessed lubrication points were chosen for the design of the 38SX.

Type	Working width	Total width	Working depth	Number of Spades	Ideal running speed	Required HP	Maximum power	Weight
38SX300H	300 cm	327 cm	15-35 cm	28	4.5 km/h (900 rpm)	100 HP	150 HP	2050 kg

Imants is convinced that it can offer you a good alternative for tilling the soil. If you would like to see the machine working yourself or if you want more information, please feel free to contact Imants or your nearest dealer.

We will gladly work with you to achieve the best result so you get the highest yield per hectare.

imants
Digging the future

38SX SERIE



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Higher yield per hectare Intensive way of working the soil Better mixing (incorporation)
Lower costs Higher workrate No plough pan Multi-action combination Less compaction
Better soil structure Single pass operation Perfect seedbed Efficient water management



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Efficiency and perfection in a single machine! Tilling can now be performed quickly and easily and a high yield per hectare achieved. Imants has designed a spading machine that can compete in all areas with other kinds of tilling on sandy, loamy and light clay soils. The 38SX spading machine makes spading achievable for everyone.

Machine concept

The new design of the current generation of spading machines is also implemented on the 38SX series.

The spade shaft is driven on one side by a very strong duplex chain. The machine is suitable for tractors up to 150 HP.

The 38SX carries out the primary tillage using the spade shaft.

There is a crumbler roller behind the spade shaft. The crumbler roller is a driven roller with hardened spring tines welded to it. The crumbler roller (406 mm) on the 38SX has a larger diameter than its predecessor. Therefore it can carry some more weight i.e. when a seeder is used or when used in soft ground.

It's special design makes the crumbler roller suitable for a perfectly pressed seed bed, levelling and additional incorporation of organic material in the topsoil. Primary and secondary tillage in one pass.

All Imants spading machines are PTO driven and depth is controlled by the 3-point hitch. The machine lowers by means of the 3-point until the crumbler

roller supports a large part of the machine. The working depth is then adjusted using the position adjuster on the tractor.

The 38SX is built for a maximum speed of 4.5 km/h. At that speed, the spading machine turns at 900 rpm on the PTO and therefore uses far less fuel.

Spading - general

Because of upscaling and the continual increase in fuel prices, it is important to choose a machine with high capacity and low fuel consumption. Imants combines these factors in its spaders so the soil can be worked in an attractive and smooth manner.

Spading is a separate method of primary tillage. Spading tills the soil intensively without losing its structure. The soil is turned by the spade shaft and thoroughly mixed.

The organic material is mixed with the most biologically active, oxygen-rich topsoil. Stubble, residue, stable manure, compost, green manure and even maize straw can easily be incorporated well in a single process. This means the organic matter becomes available immediately as food for micro-organisms.

There is no plough pan because of the unique way the spades are digging. The result is better water management, while fertilisers and minerals are better used.

Because the spade shaft pushes "forwards", less tractive force is needed compared to ploughing.

The spading machine removes all compressed soil to create the perfect seed bed without clods. And the fuel consumption per hectare is lower!

It is also ideal for smaller plots. The headlands are worked as efficiently as the sections in the middle. There is no furrow!

Save time by combining

Combining processes offers even more advantages.

The productivity per hour with tractor and driver increases and one or more processes become unnecessary. In addition, there is no structural damage because you can sow directly into the seed bed.

Combining processes can save on fuel, labour, passes and even tractors.

The 38SX was designed with the concept of attaching other machines in mind. The flat design offers more options for a three-point hitch or the attachment of a seeder. This allows you to combine intensive/deeper tilling with a seed bed and direct sowing.

The 38SX is especially suitable for combining with the Imants Culter. This subsoiler (attachment) was developed specially in combination with a spading machine, and the 38SX is an ideal partner because of its speed and weight.

The machines form a unique team for creating deepripping in the subsoil and for working the topsoil intensively to create a seed bed in one pass.

The 38SX also works perfectly when combined with a front flail mower. Maize straw, green manure and stubble are broken down even better. The spader can then mix it in well and when combined with a seeder, everything is ready in one go.

Advantages at a glance:

- Primary and secondary tillage in one-pass
- Higher yield per hectare
- Less fuel
- Very good water management
- No compaction
- Better mixing (incorporation)
- Large capacity
- Excellent soil structure
- Ideal in combination with seeder or ripper
- No plough pan

