



SX spadingblade



Standard version

The SX spade blades are fitted on the spade arms by means of a quick-change system.

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 machine has a low maintenance and is powder coated.

As an option, it is possible to fit the machine with warning signs and LED lights.

Model	Working width (cm / ft)	Working depth (cm / ft)	Number of spades	PTO	HP required	Max. engine HP	Weight (kg / lbs)
40SX150K	150 / 5'	20 - 50 / 0.7 - 1.6'	12	540	50	90	875 / 1929
40SX150KH	150 / 5'	20 - 50 / 0.7 - 1.6'	12	540	55	90	1130 / 2500
40SX250R	250 / 8.2'	20 - 50 / 0.7 - 1.6'	20	1000	100	150	1160 / 2557
40SX250RH	250 / 8.2'	20 - 50 / 0.7 - 1.6'	20	1000	110	150	1880 / 4200

The models with a crumbler roller (model ending in H) are fitted with a hydraulically adjustable crumbler roller. Imants is able to build a 40 serie in some different wises according to your needs. Please ask for more details and we will check if it is possible.

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.

imants
Digging the future

Imants 40SX SERIES



Imants bv (manufacturer)
Reusel
the Netherlands
T: +31(0)497 64 24 33
E: info@imants.nl

Imants U.S.A.
Perkiomenville, PA
United States America
T: (610) 754-1110
E: sales@autrusa.com

www.imants.com

www.imantsusa.com

- Uniform mixing
- Better incorporation of organic material
- Perfect conditions for plant roots
- Single pass operation
- Less compaction

- Preservation of soil structure
- Perfect seed bed with crumbler roller
- Faster warming of seed bed
- Intensive tilling
- No plough pan



imants
Digging the future

40SX SERIE

The 40 series spader for deeper tillage and preparing the perfect seedbed.

This new design spader is available in various working widths and can be equipped with a hydraulic in height adjustable driven crumbler roller. (harrow)

Working depth between 20 and 50 cm (8" – 20")

The 40 series is an ideal spading machine especially suited for horticulture, plant / tree nurseries and businesses looking for a machine that can sometimes dig a little deeper than on average.

Machine concept

The spading machine consists out of a spad shaft with spadebanks. Each with four spade arms, two left and two right. The number of spadebanks and the width of the spadeblades may vary according to working width.

The unique design of the Imants spade arms ensure good mixing, flow of organic material and even tillage of the soil to the desired depth.

The spade shaft is chain driven. The machine comes as standard with scrapers on the spade shaft. These ensure that the spade shaft stays clean. When desired the scrapers can be removed.

The optional harrow is hydraulically adjustable and helps to control the working depth.

The crumbler roller (harrow) is a chain driven tube with hardened spring tines welded to the tube. It levels, crumbles, mix and consolidate the top surface to prepare a perfect seedbed.

All Imants spading machines are PTO driven and are carried in the 3-point hitch. The working depth is adjustable using the position controller on the tractor in combination with the position of the crumbler roller. (when equipped)

Application

The Imants 40 series is an all-in-one machine. The spade shaft digs the soil and has a very even mixing action. It is easy to work in fertilizers or organic matter.

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 in one pass. This means that the organic matter will be instantly available for micro-organisms.

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

Because the spade shaft pushes "forwards", less tractive force is needed compared to ploughing. The tractor travels on the topsoil not in the furrow as with ploughing. The spading machine lifts all compressed soil and obstructive layers up to spade depth to create the perfect seed bed without building clods. All of this with little fuel consumption.

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

The Imants rotating spading machine offers many advantages over traditional ploughing and other means of tilling the soil.

Machines from Imants are known for their solid construction and perfect results.

