

GROWING SYSTEMS

GROWING GUTTERS

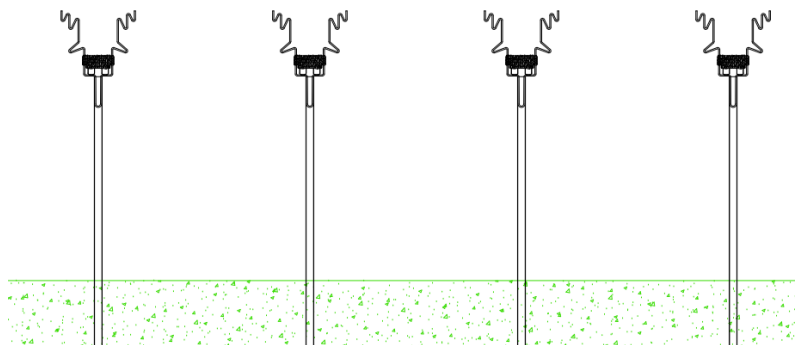
OUR growing gutters are made of top-quality strip steel and protected by multiple layers of coating. Depending on your situation, we can roll form growing gutters on site or deliver them from our factory in individual parts. With more than 35 different types, we offer a ready-made solution for every crop.



The growing gutters form the basis for any growing system. The combination of the crop, the span and the substrate holder determine the gutter shape and width you will need. Our growing gutters allow you to recirculate the drain water, which can significantly reduce the quantity of water and fertilizers you use. Our growing gutters also contribute to better hygiene, thus minimizing the spread of diseases. What is more, the air circulates more freely around the growing gutter, creating a drier climate.

TABLE TOP GROWING SYSTEM

TABLETOP GROWING SYSTEMS are easy to install and are designed for tunnel, greenhouse, or outdoor use. An intermediate bracket can be inserted between the post brackets to support the truss support tape and/or atlas wire.



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SUSPENDED GROWING SYSTEMS

In consultation with you, we design a special suspension for every crop that best suits your situation. Then we extensively test it to check that it can carry the weight of the fully loaded growing gutter.

Suspended systems for growing gutters are supplied in custom lengths. We offer each basic component in a range of versions. A suspension generally consists of a fastening to attach it to the trellis or tunnel tube, a steel cable, a grow tube hook, and a suspension bracket



GROWING SYSTEMS ADDITIONAL OPTIONS

SWING SYSTEM

Our easy-to-fit swing system allows you to optimize the floor area of your greenhouse and your planting density.

LIFTING SYSTEM

Our lifting system allows you to increase your planting density and optimize the floor area of your greenhouse.

DRAIN TRAYS

The drain water is collected in drain channels in the gutter and in an end drain tray at the end of the gutter. Meteor Systems has a drain tray to fit every type of gutter. These trays are attached to the gutters with a watertight seal.



CENTRAL AND END DRAIN TRAYS

Collecting drain water reduces the risk of spreading diseases. The drain water is drained off via a closed (above or below ground) central pipe. Our central and end drain trays are made of a new type of white plastic with an improved rubber compound. This produces a sustainable system with an attractively clean, neat appearance.



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END CAPS

End caps are made of white plastic or powder-coated galvanised steel. Sharp edges at the ends of the gutter are therefore covered over, protecting users against injury and preventing crop damage. End caps provide a neat finish.



ADJUSTABLE END BRACKET

End bracket with sawtooth edge for height-adjustable truss support tape and atlas wire.

NON-ADJUSTABLE END BRACKET

End bracket made of galvanised strip steel for fixed-height truss support tape and atlas wire.

STRAWBERRY POT

Strawberry pot has a volume of 3.5 litres and is designed for two plants. The unique feature of this pot is that the plants are planted horizontally in the two openings and are always facing outwards, thus saving a lot of work pulling the trusses through. Also, the plants are spaced further apart in the pot, allowing for better foliage distribution.



PIPE RAIL SUPPORTS

Pipe rail supports carry heating pipes between the rows of crops and are also used for internal transport. This pipe rail supports with open and closed legs and height-adjustable supports.

We also supply pipe clamps in any common heating pipe diameter for our pipe rail supports. They can be delivered ready fitted or separately. Alternatively, we also supply galvanized strips that are easy to mount over the pipe.



BAY WIDE SUPPORTS

Bay wide supports are designed to create regular spacing in your greenhouse. They are also suitable for further automation of your production process, such as the use of a spray robot.

