

INDOOR ARENA IRRIGATION

Nozzle Irrigation System



The Columbus Nozzle Irrigation System – well-engineered and reliable



This established system consists of nozzle strands which proceed lengthwise to the indoor arena and are integrated into PVC pipes which are installed on the ceiling of the indoor arena. The nozzles which are installed in approx. 90cm apart from each other nebulize the water evenly. Dust which is in the air will be cohered and the arena footing will be dampened. Our nozzle systems are fitted considering the local conditions and visually integrated into the overall picture of the indoor arena.

In warm weather periods this system also offers a pleasant and refreshing chill. Since there is no or hardly any dripping you are able to use the arena immediately after the irrigation. The fully automatic control is easy to program and is provided with a timer.

The irrigation takes practically place without you!



Our nozzle system is constructed modularly. Whether an automatic frost draining, an optimized track irrigation or a division of the irrigation in further sections we do have the right irrigation system or your equine facility!

The manufacturing of our nozzles is enhanced by a targeted combination of experience, technical skills and competence.

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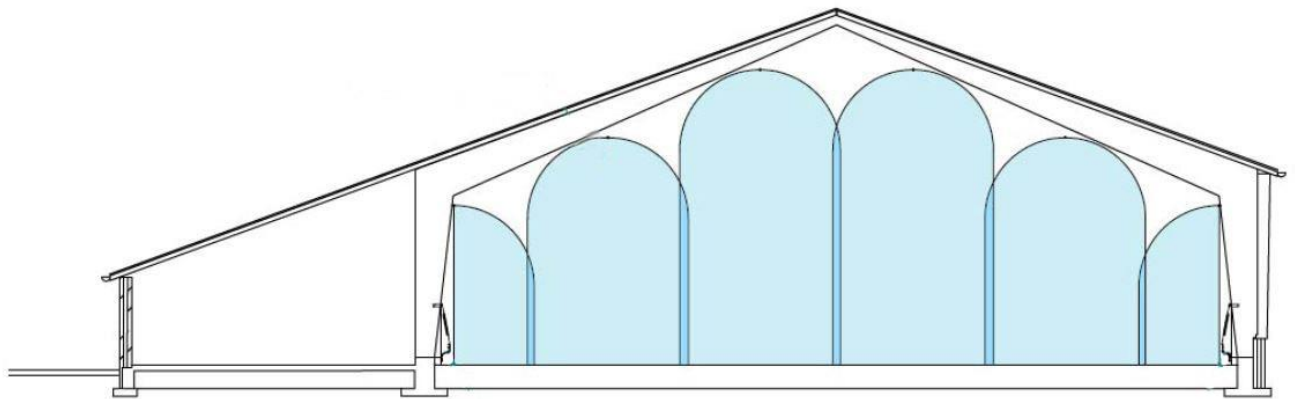
Nozzle Irrigation System



Restorations or part-restorations of your already existing indoor arena irrigation

It doesn't always need to be a new system right away! Many materials and parts of your old irrigation system are even after years still functional and don't need necessarily replacing. By exchanging only parts of your old system we are able to optimize your irrigation thus creating an even spray pattern and ensuring perfect function.

We don't mind to prepare a non-binding offer for you and you will profit from our experience and know-how.



- perfect spray pattern - complete track irrigation - modular construction-
- very durable - great price-quality ratio -

Product Details Nozzle System

Nozzle System 20x40m

Technical Data

Amount of nozzle strands:	6 pcs
Control:	automatic
Connection voltage:	230 V 50 Hz
Electronic valves:	6 pcs
Connection voltage:	24 V AC

Water values

Precipitation 4mm:	3120 l in 5min
Water consumption:	37.44 m ³ /h
Working pressure:	3.5-4 bar
Necessary pump:	4500 l/h

Nozzle System 20x60m

Technical Data

Amount of nozzle strands:	6 pcs
Control:	automatic
Connection voltage:	230 V 50 Hz
Electronic valves:	6 pcs
Connection voltage:	24 V AC

Water values

Precipitation 4mm:	4800 l in 5min
Water consumption:	57.60 m ³ /h
Working pressure:	3.5-4 bar
Necessary pump:	6000 l/h

Nozzle System 30x90m

Technical Data

Amount of nozzle strands:	9 pcs
Control:	automatic
Connection voltage:	230 V 50 Hz
Electronic valves:	9 pcs
Connection voltage:	24 V AC

Water values

Precipitation 4mm:	8640 l in 5min
Water consumption:	103.68 m ³ /h
Working pressure:	3.5-4 bar
Necessary pump:	12000 l/h