Product sheet: Indoor arena jet nozzle irrigation 30x90

A dust free training environment and stable riding surface are essential for training your horses. Q-line® Dust development is a well known problem in riding arenas. Low humidity and intensive usage of the soil leads to dust and fine sand blowing up and through the arena. Training under these circumstances is not pleasant nor very healthy for horse and rider.

To counter this dust forming Q-line® has developed a number of irrigation systems. These system create an equal soil humidity in your arena. You never again have to worry about unhealthy sand and dust. The system can be set to operate automatically or can be controlled manually so that at any time you and your horse have the perfect foundation to ride on.

An equally sprayed foundation has a significantly longer life span and make it a better bottom to ride on. Q-line® utilizes special nozzles that create a mist that equally spreads over the arena.

The Q-line® irrigation systems are designed and build according to the highest norms and latest technological standards, where the safety and comfort for you and your horse come first.

Your arena, durable and free of dust with Q-line®

Unique benefits

Safety:
The Q-line® horse irrigation systems water your riding surface equally so the foundation is the same consistency over the entire arena. This minimizes the chance your horse will fall.

Durability:
High quality materials and a solid construction make Q-line® irrigation systems a durable investment. The systems are equipped with an automatic draining system.

External characteristics:
The nozzles can be controlled from an easy to control box

Maintenance:
The Q-line® irrigation systems are solid constructions and requires little maintenance. Some systems our even automatically drained after use so they can't be damage when it freezes in the winter.

Quality mark:
All Q-Line® Irrigation conform to the machine code 2006/42/EG and are fit with the CE quality mark. The Q-line® solaria are certifiably approved by KEMA according to the NEN 3140 and ARBO directive en hereby conform to all European safety demands.
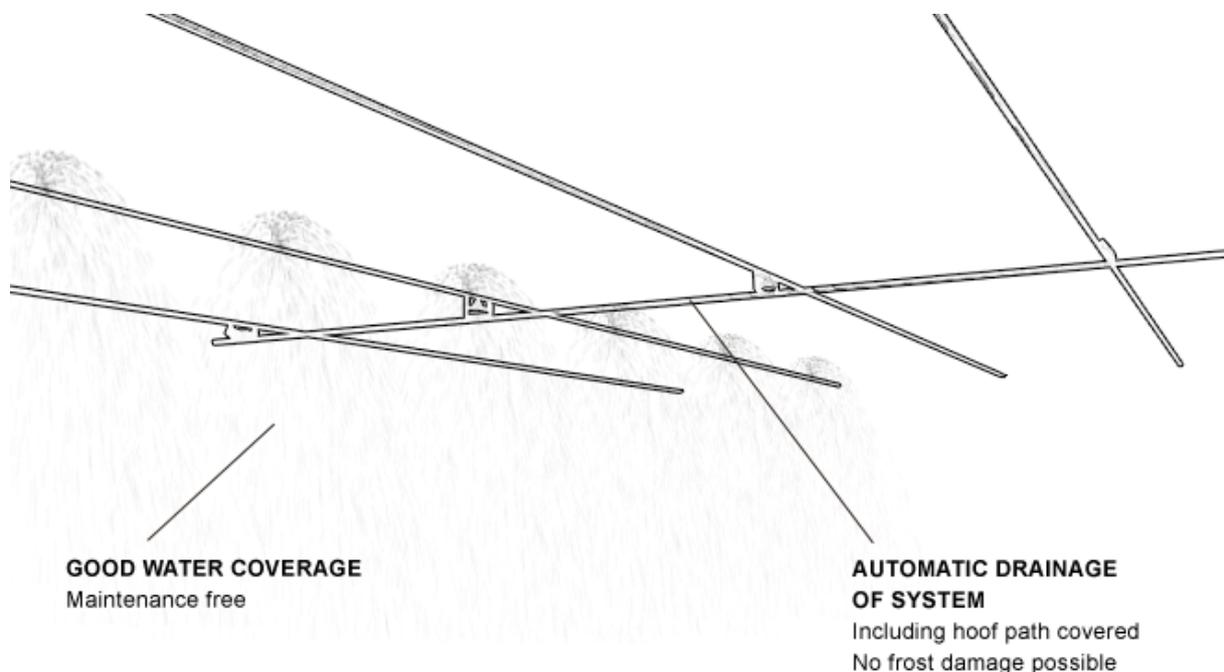
Product sheet: Indoor arena jet nozzle irrigation 30x90

To get a equal moist soil which is good for horse and rider you need a professional riding arena irrigation system. A regular irrigated riding arena has a longer lifetime and a

better riding surface. A good and dust free riding surface is guaranteed. To realize a irrigation system in your riding arena depends on various parameters. Above the hoof path is a separate installed yet nozzle pipe for exact irrigation.

The optimum divided sprinklers will give a perfect irrigated surface. Standard this system is automatic controlled, the special control box will allow you to make various programs for your arena surface.

- High quality produced nozzles
- Over years tested controls
- Heavy duty materials
- Separate hoof path irrigation
- Simple to control
- Perfect water deviation
- Included automatic water outlet

GOOD WATER COVERAGE
Maintenance free

AUTOMATIC DRAINAGE OF SYSTEM
Including hoof path covered
No frost damage possible

Product sheet: Indoor arena jet nozzle irrigation 30x90

Technical specifications

Above the hoof path will be mounted a U-shaped pipe line for separate sprinkling the hoof path area. A optimal deviation of sprinklers makes you get a equal irrigation in the arena. Every sprinkle line has a patented valve system for automatic drainage after sprinkling, there will be no change of frost damage or bacteria growth in the system. Every valve can be controlled separately so accurate sprinkling is no problem.

Technical Details	30x90 arena
Nr of pipe lines	9
Control	Automatic
Control box	1
Power supply	230V
Electrical valves	9
Valve supply	24V
Rain 4 mm	8640 l per 5 min
Total water / hour	103680 l/h
Main pressure	3,5-4 bar
Needed pump	12000 l/h

The arena will be sprinkled per pipe line, capacity of pump and water supply will be low in this case. The chosen pump has an average capacity of 1/6 of the total water supply.

Yet nozzle irrigation

Safety wall   Safety wall