

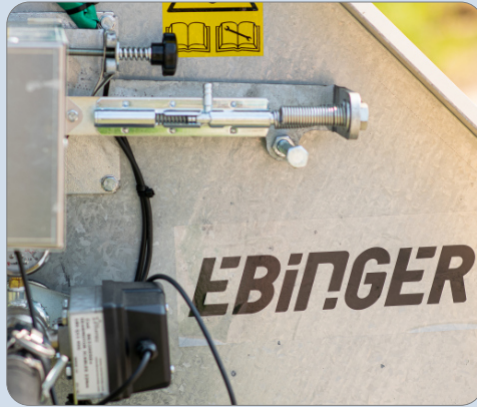
EBINGER

■ Technisches Equipment



Automatic reel irrigators

For sports grounds, golf courses and parks, cultivated areas in agriculture, riding grounds and gardens



Reel irrigator „Leader“

Leader reel irrigators make rapid and easy irrigation possible in green spaces in park and sports facilities, cultivated areas in agriculture, riding grounds and golf courses.

The turbine is driven by water pressure and therefore does not require an external power supply. The Leader can therefore be used anywhere. The hose is guided automatically onto the reel while it is being retracted. When irrigation is completed, the Leader switches off automatically.

In the Leader10, the reel irrigator with sector sprinkler is retracted via the deployed hose. This makes it possible to sprinkle curves and uneven surfaces.

At a glance:

- Turbine drive
- Adjustable irrigation intensity via bypass
- Sprinkler trolley with sector sprinkler
- Adjustable irrigation width
- Automatic water switch-off
- Mobile and flexible application
- Easy operation and short set-up times



Leader 32 - Item-No. 5.000.200



Leader 40 - Item-No. 5.000.300



Leader 10 - Item-No. 5.000.050



Leader 20 - Item-No. 5.000.080



Leader 50 - Item-No. 5.000.410



Leader 63 - Item-No. 5.000.420



Leader 25 - Item-No. 5.000.100









Model overview

| Model | Hose length / diameter | Turbine drive speed | min. / max. pressure | Flow per hour | Throwing range sector sprinkler | Item-No. |
|-----------------------------|------------------------|---------------------|----------------------|-------------------------|---------------------------------|-----------|
| Leader 10 weight: 35kg | 30m - 19mm (3/4") | 10-20 meters / hour | 2,5 / 4bar | 0,6 - 0,9m ³ | 10m at 4bar | 5.000.050 |
| Leader 20 weight: 35kg | 40m - 19mm (3/4") | 10-20 meters / hour | 2,5 / 4bar | 0,6 - 0,9m ³ | 10m at 4bar | 5.000.080 |
| Leader 25 weight: 75kg | 50m - 19mm (3/4") | 10-40 meters / hour | 2,5 / 4bar | 1 - 2,5m ³ | 12m at 4bar | 5.000.100 |
| Leader 32* weight: 124kg | 70m - 25mm (1") | 10-30 meters / hour | 2,5 / 4,5bar | 1,9 - 4,8m ³ | 16m at 4,5bar | 5.000.200 |
| Leader 40* weight: 246kg | 120m - 32mm (1 1/4") | 10-30 meters / hour | 3 / 5,5bar | 3,4 - 7,4m ³ | 19m at 5,5bar | 5.000.300 |
| Leader 50* weight: 423kg | 180m - 40mm (1 1/2") | 10-30 meters / hour | 3 / 5,5bar | 5,2 - 12m ³ | 25m at 5,5bar | 5.000.410 |
| Leader 63* weight: 431kg | 200m - 50mm (2") | 10-30 meters / hour | 3 / 5,5bar | 7,5 - 21m ³ | 25m at 5,5bar | 5.000.420 |


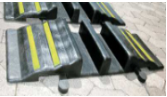



*Models from Leader 32 upwards are fitted with automatic hose guidance for hose retraction.











Leader Accessories

| Description | Item-No. | Suitable for Leader | Illustration | |
|--|----------------------|---------------------|---|--------|
| Rod with 3 nozzles 120°, Cover area 6-8m | 5.000.001 | 25 |  | |
| Rod with 4 nozzles, cover area 8-10m, approx. 62l/min water flow | 5.000.008 | 32 |  | |
| Rod with 5 nozzles, cover area 8-10m, water flow at 3bar: 140l/min, 3x nozzles red, 2x nozzles orange | 5.000.010 | 40 |  | |
| Pressure limit with MS quick coupling (Input max. 8bar, output 4.5bar´) | 5.000.002 | 20, 32 |  | |
| Prefilter with connections (recommended when extracting water from springs or bodies of water) | 1" MS-quick coupling | 5.000.003 | 20, 25, 32  | |
| | 1½" Storz C-coupling | 5.000.004 | | 40 |
| | 1½" Storz C-coupling | 5.000.009 | | 50, 63 |
| Drawbar with lug 20mm | 5.000.005 | 32 |  | |
| Drawbar with ball coupling | 5.000.006 | 32 |  | |
| Ball coupling for drawbar | 5.000.007 | 40 |  | |

general accessoires

| Description | Item-No. | Illustration |
|--|--|---|
| Layflat hose C-52 with Storz coupling, 20m with Storz coupling, 10m | ES10168 ES10169 |  |
| Solid rubber hose channel bridge, two channels, each 75x100mm | EB000601 |  |
| Al transition piece, Storz C, MS quick coupling | 130.270 |  |
| Storz C coupling, Al 1½" IG 2" IG 1½" nozzle (38mm) 2" nozzle (50mm) 1½" AG | EB000548 EB000472 EB000546 EB000387 EB000547 |  |
| PVC suction tube with metal coils 30m roll, 50mm ID (2") 30m roll, 38mm ID (1½") 30m roll, 32mm ID (1¼") 30m roll, 25mm ID (1") | 130.785 130.784 130.783 130.782 |  |

general accessoires

| Description | Item-No. | Illustration |
|---|--|---|
| Hinge bolt clamp, 44-47 mm, stainless steel for 38mm hose | EB000585 |  |
| PVC water hose 15m roll, 25mm ID (1") 25m roll, 25mm ID (1") 50m roll, 25mm ID (1") | 130.770 130.821 130.798 |  |
| MS quick coupling 1" nozzle 1¼" nozzle 1½" nozzle | 130.176 130.177 130.178 |  |
| MS check valve (for extracting water e.g. cistern) ¾" 1" 1¼" 1½" 2" 2½" | 130.295 130.341 130.342 130.343 130.344 130.345 |  |
| Hose trolley PC 100/P, max. 50m-¾" | 2.880.040 |  |
| Hose trolley SPG 50/P, max. 50m-1" | 2.880.050 |  |
| Hose trolley SPG 100/P, max. 80m-1" | 2.880.060 |  |
| Hose reel, manual and automatic with or without hose and fittings at www.ebinger-gmbh.com | |  |



Pump systems for „Leader“

The pump systems are specially adapted for supplying water to Leader reel irrigators.

This allows the reel irrigator to achieve the best possible performance. The pump systems are easily adjustable to the desired requirements and will win you over with their user-friendliness.

Technical standard specification at a glance:

- High-quality centrifugal pump
- Electronic speed control
- Pressure sensor
- Pressure control
- Dry-run protection
- Electric control cabinet
- Mounting bracket for fixing
- System installed ready for operation



Additional information for installing the pump system

- Check the required supply line length from the pump system to the reel irrigator
- The suction height of the pump system is max. 5.5m (e.g. from a cistern)
- Scope of delivery of pump system without suction and pressure hoses, fittings, filter, etc.
- Perform an on-site check to ensure that the power supply is sufficient for the pump system
- It must be possible to secure the pump system in a fixed manner

Model overview

| Model | Suitable for | max. Length supply line | Conveying power | Pump motor | Connection IN / OUT | Item-No. |
|---------------|--------------|-------------------------|-----------------------------|----------------------|---------------------|-----------|
| MXV-B 25-205 | Leader 25 | 50m | 4,5m ³ 5,6bar | 230V 1,1KW 4,0A | 1" IG | 5.200.101 |
| MXV-B 25-207 | Leader 25 | 200m | 4,5m ³ 7,9bar | 230V 1,6KW 4,7A | 1" IG | 5.200.111 |
| MXV-B 32-406 | Leader-32 | 50m | 4,8m ³ 6,8bar | 400V 1,5KW 4,3A | 1¼" IG | 5.200.102 |
| MXV-B 32-408 | Leader 32 | 200m | 8,0m ³ 9,1bar | 400V 2,2KW 5,3A | 1¼" IG | 5.200.112 |
| MXV-B 40-806 | Leader 40 | 50m | 13,0m ³ 7,1bar | 400V 2,2KW 5,3A | 1½" IG | 5.200.103 |
| MXV-B 40-807 | Leader 40 | 200m | 13,0m ³ 8,3bar | 400V 3,0KW 6,6A | 1½" IG | 5.200.113 |
| MXV-B 50-1505 | Leader 50 | 50m | 24,0m ³ 7,2bar | 400V 4,0KW 9,6A | 2" IG | 5.200.104 |
| MXV-B 50-1506 | Leader 50 | 200m | 24,0m ³ 8,5bar | 400V 5,5KW 10,9A | 2" IG | 5.200.114 |
| MXV-B 50-2006 | Leader 63 | 200m | 28,0m ³ 9,2bar | 400V 7,5KW 14,3A | 2½" IG | 5.200.115 |

The leader on youtube!

Take a look at our informative product video!



Reel irrigator „E-Rain“

The E-Rain reel irrigator offers new possibilities for rapid and easy irrigation of small cultivated areas up to a length of 220m.

It is powered by a 24V electric motor and functions independently of the available operating pressure. A battery with solar module means it can be operated autonomously for an entire working day since it is charged steadily in an environmentally friendly manner by continual direct sunlight.

The hose is guided automatically onto the reel while it is being retracted. When irrigation is completed, the E-Rain switches off automatically and terminates the irrigation. The standard delivery includes a sector sprinkler. Spraying booms for targeted crop irrigation can be delivered as an optional accessory.

At a glance:

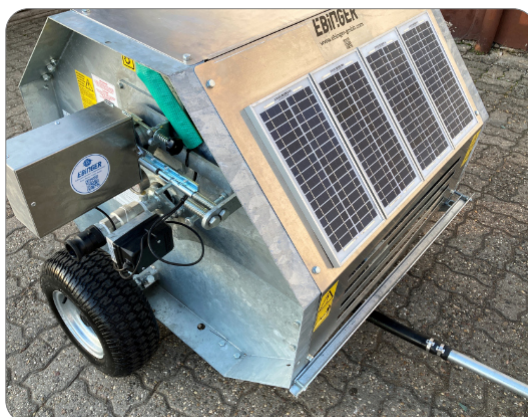
- Powered by 24V motor with battery and solar module
- Adjustable speed in 4 levels
- Functions from 1bar water pressure
- Sprinkler trolley 60cm
- Sector sprinkler with adjustable irrigation width
- Automatic water switch-off
- Hose length up to 200m
- Mobile and flexible application
- Easy to operate



Speed adjustable up to
6 - 12 - 18 - 24m / hour



Automatic shut-off using electrical valve



Electric motor and solar module



Electric motor for easy decoupling






Model overview

| Model | Hose length / inner Ø | speed meters / hour | max. flow at 3bar | max. throwing range sector sprinkler | Item-No. |
|--------------------------------|--------------------------|------------------------|---------------------------|---|-----------|
| E-Rain 32-100 weight: 156kg | 100m - 25mm (1") | 6 - 12 - 18 - 24 | 4,2m ³ / hour | 20m at 3bar | 5.332.100 |
| E-Rain 40-110 weight: 218kg | 110m - 32mm (1¼") | 6 - 12 - 18 - 24 | 9,4m ³ / hour | 25m at 3bar | 5.340.110 |
| E-Rain 40-140 weight: 233kg | 140m - 32mm (1¼") | 6 - 12 - 18 - 24 | 9,4m ³ / hour | 25m at 3bar | 5.340.140 |
| E-Rain 40-200 weight: 342kg | 200m - 32mm (1¼") | 6 - 12 - 18 - 24 | 9,4m ³ / hour | 25m at 3bar | 5.340.200 |
| E-Rain 50-75 weight: 210kg | 75m - 40mm (1½") | 6 - 12 - 18 - 24 | 12,8m ³ / hour | 27m at 3bar | 5.350.075 |
| E-Rain 50-150 weight: 355kg | 150m - 40mm (1½") | 6 - 12 - 18 - 24 | 12,8m ³ / hour | 27m at 3bar | 5.350.150 |





Specifications for throwing range for max. nozzle size for each model. Connection at inlet corresponds to hose size.
The speed can be increased with a special model (Item 5.001.004). We would be pleased to advise you regarding this!



general accessoires

| Description | Item-No. | Illustration |
|--|------------------------|---|
| Drawbar with wheel | 5.001.002 |  |
| Adjustable large sprinkler trolley, e.g. for moving over ridged crops Opt. 1: Clearance height 40cm, track width up to max. 160 cm Opt. 2: Clearance height 60cm, track width up to max. 120 cm Both options can be set | 5.001.003 |  |
| Prefilter with connections (for extracting water from springs) With MS quick coupling for E-Rain 32-100 With Storz C coupling for E-Rain 40-110, 40-140, 40-200, 50-75, 50-150 | 5.001.016 5.001.009 |  |
| Rod with 3 nozzles, 5mm, max. 15.4l/min. (green) 6 - 8m throwing range | 5.001.007 |  |
| Rod with 4 nozzles, 6mm, max. 119.0l/min. (yellow) 8 - 10m throwing range | 5.001.008 |  |
| Irrigation boom 7.5 - 12, external width 7.5m, Irrigation width 12m, 12 nozzles black, 8mm Flow rate; 1bar - 19l/min, 2bar - 27l/min, 3bar - 32l/min | 5.001.005 |  |

general accessoires

| Description | Item-No. | Illustration |
|---|---|---|
| Irrigation boom 14 - 22, external width 14m, Irrigation width 22m, 18 nozzles black, 8mm Flow rate; 1bar - 19l/min, 2bar - 27l/min, 3bar - 32l/min | 5.001.006 |  |
| Nozzle for sprinkler trolley, 5m throwing range (1 part) 5mm, max. 15.4l/min (green) 6mm, max. 19.0l/min (yellow) 7mm, max. 22.6l/min (red) 8mm, max. 32.0l/min (black) 7mm, max. 40.0l/min (orange) | 5.001.012 5.001.013 5.001.014 5.001.015 5.001.017 |  |
| Ball coupling on drawbar (not suitable for public roads, max. 15km/h) | 5.001.010 |  |
| Speed increase, different speeds selectable | 5.001.004 | |
| Control box Type 1 with continual speed adjustment, which ensures a constant speed is maintained over the complete hose length regardless of the reel diameter | 5.001.018 | |
| Charger 24V - 5Ah with device connection Recommended for use in covered halls or in environments with little direct sunlight (cannot be installed later) | 5.001.011 |  |

On our website www.ebinger-gmbh.com you will find our complete product portfolio!

Hose reel technology



Sprayer technology



Electric vehicles



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