

Code 10571

Hose reel machines



Elektorrain

Electric gun with GPS for medium-high flow



Turbine-dynamo system provides the electric power required for its operation

Net weight	Connection	Size	Nozzle	Angle
12.5 kg	6 x 130 mm flange	Ø 1500 mm x 580 mm	Ø 20 - 42 mm	25°

Pressure

Nozzle	4 bar		5 bar		6 bar		7 bar		8 bar		9 bar	
	Flow l/min	Radius m	Flow l/min	Radius m	Flow l/min	Radius m	Flow l/min	Radius m	Flow l/min	Radius m	Flow l/min	Radius m
24 mm - 5 mm	761	48	850	51	932	54	1006	57	-	-	-	-
26 mm - 5 mm	887	50	992	53	1087	56	1174	60	-	-	-	-
28 mm - 5 mm	1024	51	1145	55	1254	58	1354	61	-	-	-	-
30 mm - 5 mm	-	-	1309	56	1434	60	1549	63	1656	66	-	-
32 mm - 5 mm	-	-	1484	57	1626	61	1756	64	1878	67	-	-
34 mm - 5 mm	-	-	1671	59	1831	63	1977	67	2114	70	-	-
36 mm - 5 mm	-	-	1869	61	2048	65	2212	69	2364	72	-	-
38 mm - 5 mm	-	-	-	-	2277	66	2459	70	2629	72	2789	75

Code 10766

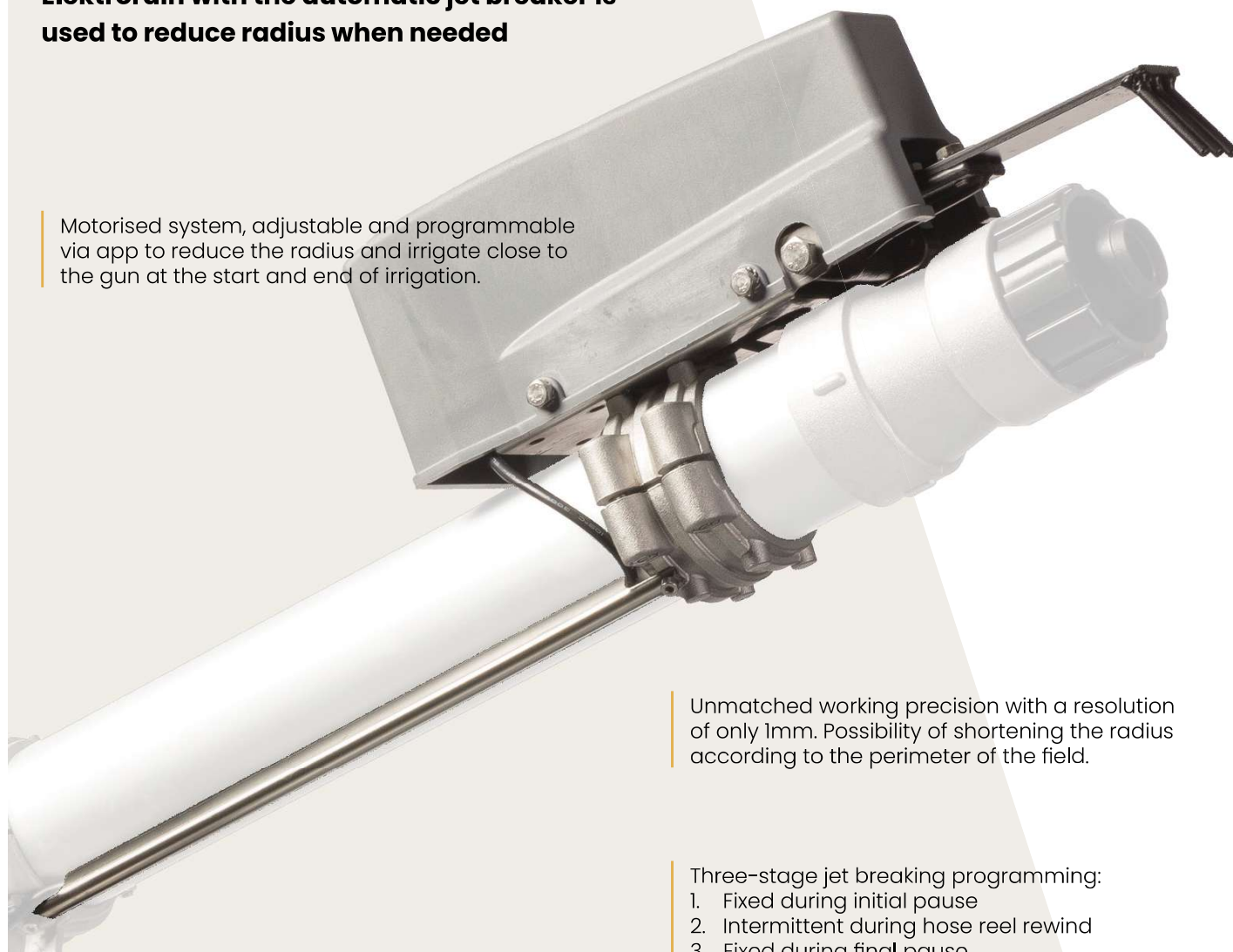
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Jet Breaker

Elektrorain with the automatic jet breaker is used to reduce radius when needed

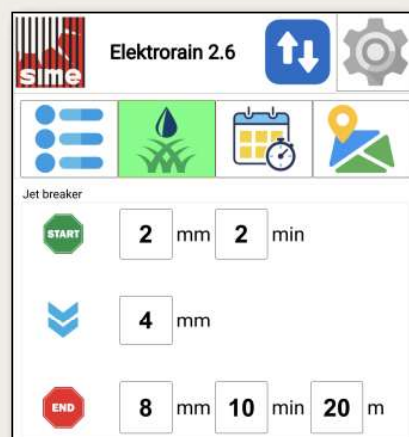
Motorised system, adjustable and programmable via app to reduce the radius and irrigate close to the gun at the start and end of irrigation.



Unmatched working precision with a resolution of only 1mm. Possibility of shortening the radius according to the perimeter of the field.

Three-stage jet breaking programming:

1. Fixed during initial pause
2. Intermittent during hose reel rewind
3. Fixed during final pause



Electric Rain Guns

Intelligent guns developed for irrigation with hose reel machines in irregularly shaped fields. GPS-equipped with an electronic control unit, pressure sensor and 4G module. The interface between the user and rain gun is managed through an application for mobile devices and computers.

Rotation via electric motor ensures minimal shock and vibration for the pivot support, advanced irrigation sector control and uniform rainfall distribution.



The smartphone app allows remote modification of irrigation settings in real time and constant monitoring.



By programming the sprinkler, it will autonomously vary the irrigation area according to boundaries, obstacles, nearby roads, etc.



Generation of reports to analyse irrigation data and for possible checks by public authorities.



Dual communication mode with the app: 4G and direct Wi-Fi in cases of weak 4G signal.



Modulation of the rotation speed to achieve a uniformity of water distribution unachievable with traditional guns.



Communication with the hose-reel irrigation machine to modify trolley's speed based on gun's irrigation angles.