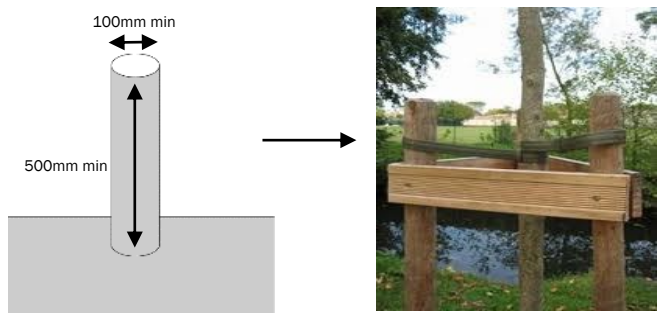
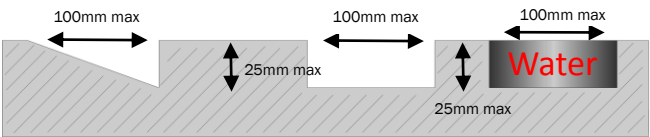


Belrobotics – Mower short installation guide

1: Prepare field

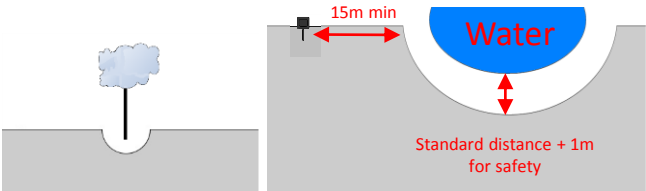


Field imperfections: maximal depth of obstacles



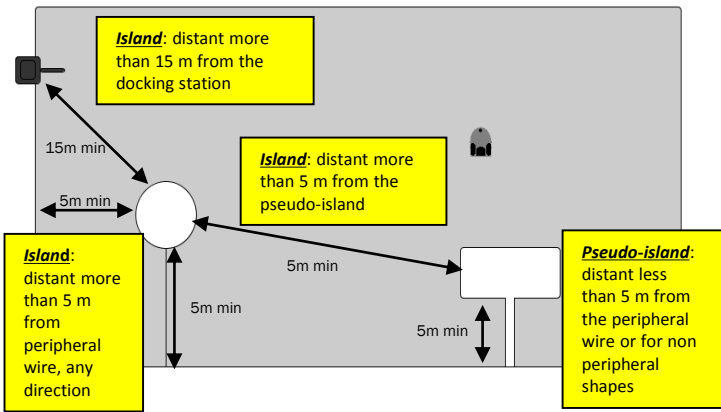
2: Install wire - distances

General rules for peripheral wire distances



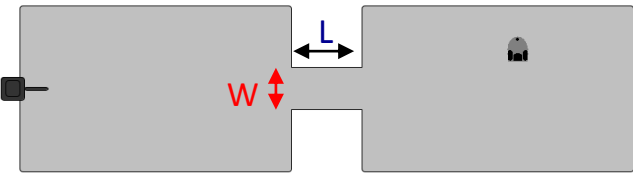
	General rule	Terrace	Path, flush with lawn level	Flower bed flush with lawn level
Bigmow	600 mm	650 mm	300 mm	500 mm
Parcmow	450 mm	500 mm	150 mm	300 mm
Greenmow	300 mm	400 mm	150 mm	250 mm

Distances between station, islands and pseudo-islands



Refer to installation rules for the layout of the peripheral cable around the field to be mowed, the islands and the pseudo-islands

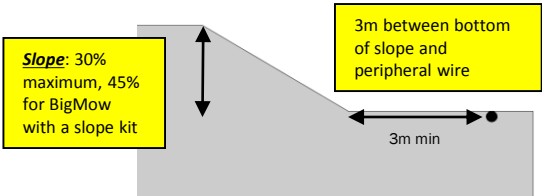
Distances between peripheral wire for corridors



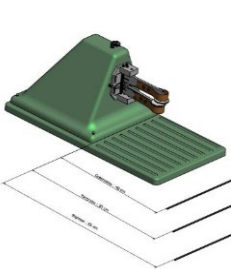
	Minimum distance between wires (W)			
Straight length (L)	< 1 m	1 < x < 5 m	5 < x < 15 m	> 15 m
Bigmow (BM)	4,0 m	4,5 m	5,0 m	10,0 m
Parcmow (PM)	3,0 m	3,5 m	4,0 m	8,0 m
Greenmow (GM)	2,0 m	2,5 m	3,0 m	6,0 m

If this is not possible, a second station is necessary

Wire at the bottom of a slope

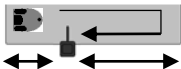


3: Station installation



Robot	Station with old charging arm	Station with new charging arm
Bigmow	650 mm	620 mm
Parcmow	550 mm	520 mm
Greenmow	400 mm	370 mm

The station must be installed in a flat area, 10% maximum slope, 3m straight and without obstacles before the station, and 5m after station.
It is possible to reduce the distances to 3m, refer to installation rules document



Mower: 3m minimum

Mower: 5m minimum

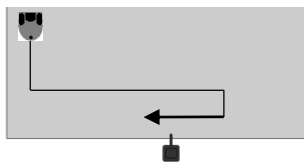
Charging arm:
Charging arm and charging contact must be aligned and the angle of charging arm when robot is charging = 45°



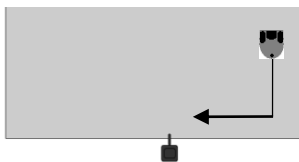
4: Options and parameters to be checked

From « **MENU** », press : **# - F3 - # - F2 – F2**

OPTION	MEANING	Default
00	Multi Robots	None
08	Phase inversion (+/-)	No
10	CCW docking station : direction back to station (<i>available if option 11 = NO</i>)	ClockWise
11	Charge on 2 sides	Yes
13	U shape return	Yes



Option 10 = NO
Option 13= YES

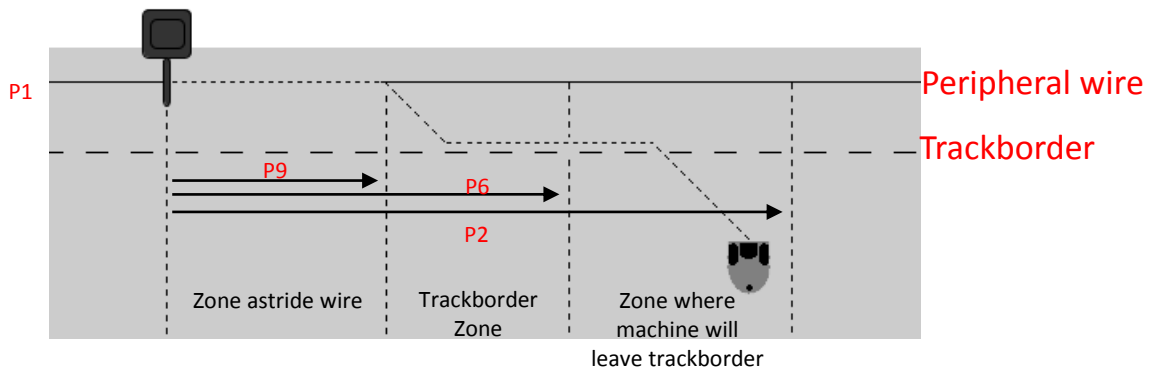


Option 10 = YES
Option 13= NO

From main screen, press : ***13870**

PAR.	MEANING	Default value		
		BigMow	ParcMow	GreenMow
P1	Length of peripheral wire (x10m)	60	35	23
P2	Max. distance alongside wire when leaving station (x10m)	10		
P3	Minimum track border segment	0		
P4	Minimum track border line (in segment)	120		
P6	Min. distance on track border when leaving station (x10m)	1		
P9	Distance astride wire when leaving the station (in m)	3		

P2, P6 & P9: Parameters for leaving the station



P1, P3 & P4 : Parameters for trackborder

