

Groundbreaking system
for mowing golf courses
grass with cm accuracy

Patents link: [here](#)

Australia



Norway

patent trademark design
**Norwegian Industrial
Property Office** 

Patent Pending: US, EU Canada.

The system

- Mowing golf courses driverless with Retrofit solution



Golf mower market

- 100 000 golf greens mowers world wide today
- Existing Eclipse 322 mowers ready to be retrofit
- 200 000 additional golf mowers ready to use the system:
Area/ use: Fairways – Approches – Tees – Intermediate rough – Rough

Greens mower development

- Today all golf greens are mowed by operators
- Our solution: Golf greens mowed driverless



Golf greens mower



Golf fairway mower

Things to know about golf mowing

About golf mowing,
2 ½ min. video link: [here](#)

- Golf greens are mowed 6 to 7 times per week in the season
- Golf fairways are mowed 3 or more times per week in the season



USGA
Greens walk behind mower



USGA
Fairway mower

Competitors



| GOLF COURSE MOWERS | | Eclipse® 322 | CubCadet | TURFLYNX | Jacobsen | John Deere | TORO | Baroness | Spider | Dennis | Husqvarna | Robomow |
|-----------------------------------|---|-------------------|----------|----------|----------|------------|------|----------|--------|--------|-----------|---------|
| Greens Mower, autonomous | • | | | | | | | | | | | |
| Greens Mower, 50 % autonomous | • | • | | | | | | | | | | |
| Greens Mower, manual operated | • | • | | | • | • | • | | • | | | |
| Diesel | • | Halted production | | • | • | • | | • | • | | | |
| Gas | • | | | | | | | • | • | | | |
| Hybrid | • | | | | | | | | | | | |
| Beacon technology | • | | | | | | | | | | | |
| Perimeter wire | • | | | | | | | | | • | | |
| Fairway mower, manual operated | | | • | • | • | • | • | • | | | | |
| Fairway mower, home - garden type | | | | | | | | | | • | | • |



Project:

Cub Cadet halts

autonomous golf: [here](#)

AG-GPS Golf mowers project



Mower on **YouTube**: [here](#) Two presentations available here: www.ag-gps.net/



Level 1
Golf greens mower operates driverless on greens at day-time
Greenkeeper operates the mower between greens, and rakes bunkers etc.



Level 2
Golf greens mower operates driverless at night-time on and between greens
Administrator takes care of safety when driving. Flag poles are removed by greenkeeper



Level 3
2 or 3 golf fairway mowers operates driverless at day-time
Operator control on mower # 1 takes care of safety for 2 or more mowers



Level 4
2 or more fairway mowers operates driverless at night-time
Administrator decides when to start – stop.



Level 5
System can reduce the need for fairway mowers by appr. 30%



More information available after a made agreement



Eclipse 322 Golf Greens Mower



Fairway mowers

Golf mowers system



Level 1

- Golf mowers connection and program system from FieldBee
- Basic system, with cm accuracy used by eFarmer/ FieldBee

Level 2

- Mower obstacle and safety system
- To be used for golf greens and fairway mowers

Level 3

- Golf greens mower robotic arm for flag pole
- Grass basket klippings emptying system



Golf greens mower



Golf fairway mower

Contact



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Investors welcome!

More information
available on
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