

CLEVELAND GAMBETTI

OPERATORS MANUAL

&

PARTS LIST

model

SPRAY CADDY

SC 80

SC 120



CLEVELAND ALLIANCES LTD
INDUSTRY AGRICULTURE AMENITY

Thank you for purchasing your Cleveland Gambetti Sprayer. Here are the do's and don't of operation and how to keep spraying without any hassles.

Disclaimer:

Cleveland Alliances Ltd accept no liability for damage caused to the machine or the environment or persons through operation or misuse of the machine. The operator must be competent, trained, and have the appropriate certification.

DO NOT USE THIS MACHINE UNLESS YOU HAVE BEEN TRAINED TO DO SO.

Spraying is a delicate operation and involves the risk of contamination of people, animals and the environment. For this reason the functionality of all machine components must be carefully ensured. - The operator is always the most exposed person to the used chemical products and he/she must always adopt all the necessary measures for his/ her personal safety at work. Refer to the danger indications on the labels of the products used. - Always work in the correct weather conditions and follow the weather forecasts for the entire period of application. - Dose the product to be poured into the tank correctly. - Make sure that the chemical substances used are compatible with the construction materials of the machine. - Never leave chemical substances on the tank for more than a few hours. - Carefully follow the regulations concerning the possession and use of plant protection products and make sure that people and animals cannot access them. - After each use carefully wash the containers of the mix and the dosing tools that have been used.

The machine should be cleaned in the same place where it is filled, i.e. an area where the water can be collected in a disposal manhole. - Do not discharge the mixing residues to the watercourses, sewers and public areas.



Operation:

Do not just bash on, hoping you're going to get it right!!! You're applying thousands of pounds worth of product... lets do a good job shall we.....

1. Put water inside the tank. **ONLY ADD PRODUCT** when there is at least 50lt of water in the tank. The pump **SHOULD BE RUNNING** when adding **CHEMICAL**. If you just add chemical without the pump running you risk choking your suction filter which will be a real pain in the backside for you.
2. Add the rest of the water to the required level.

Controls:



Mixing/Filling

- 1 When adding chemical, turn this valve **OFF** (3 O'clock position)
- 2 Switch on the Pump. This keeps the tank agitating when filling with product.
- 3 Once the tank is full of water and product > Switch **OFF** the pump and open the valve (to the 9 O'clock position)



Pressure adjust

Turn **clock wise** to **increase** the pressure. Turn **anti clock wise** to **decrease** the pressure

Tank Suction, Filter & Tank Drain

Underneath the main tank , to the left hand side of the pump is a valve which has 3 positions.



DRAIN POSITION

Unscrew this cap, anticlockwise to completely drain the tank. Do not unscrew unless you are in a designated wash down area



FILTER

To clean the filter, anti clockwise unscrew the filter bowl. Remove the filter element and clean in hot water. Then refit. It is always a good idea to apply a small amount of grease to the filter O ring before replacing the bowl



Boom Operation

3m boom

The 3m boom has 2 nozzles per boom section at 50cm spacing. The boom is equipped with spring adjusted break-back devices in case of collision. The tension on the springs can be adjusted by the 30mm nut on top of the boom hinge. Do not make too tight. Doing so can cause too much rigidity and cause the boom to bend in there is collision. Usually 20 to 25mm of thread above the adjustment nut is adequate.

To open the boom:

- Pull the right hand boom arm towards you and open it towards the right hand side of the machine. Be sure to locate the boom in the fully open position
- Once the right hand boom arm is secured, pull the left hand boom arm towards you and open it towards the left hand side of the machine. Be sure to locate the boom in the fully open position

On a weekly basis, APPLY GREASE to the folding mechanism when the boom arm is half way between being full open and fully closed. **WARNING: DO NOT MOVE THE BOOM ARM WHEN YOU ARE GREASING THE BOOM HINGE. YOU MAY TRAP YOUR FINGERS IN THE MECHANISM. TAKE NOTE**

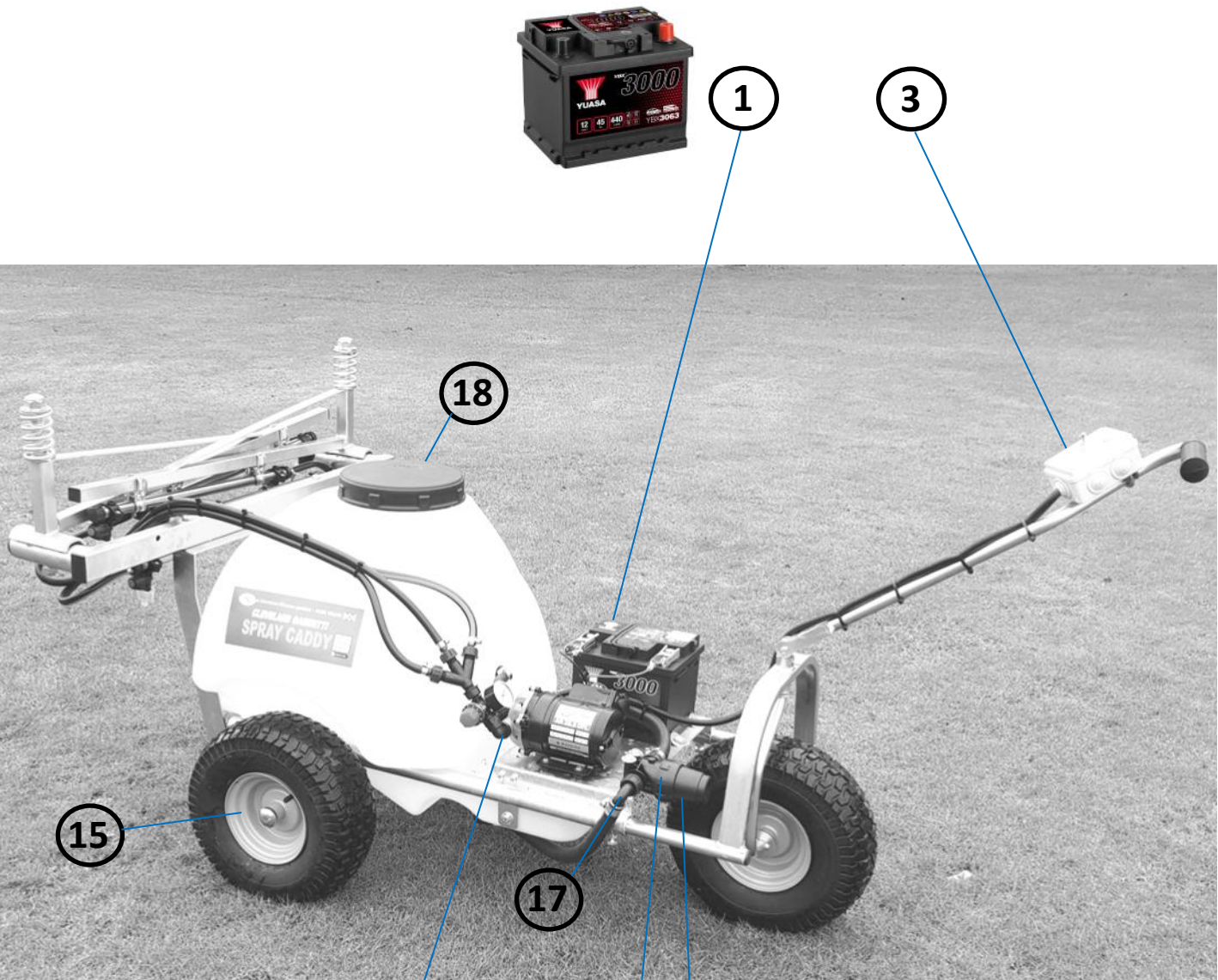


Nozzle Application Chart

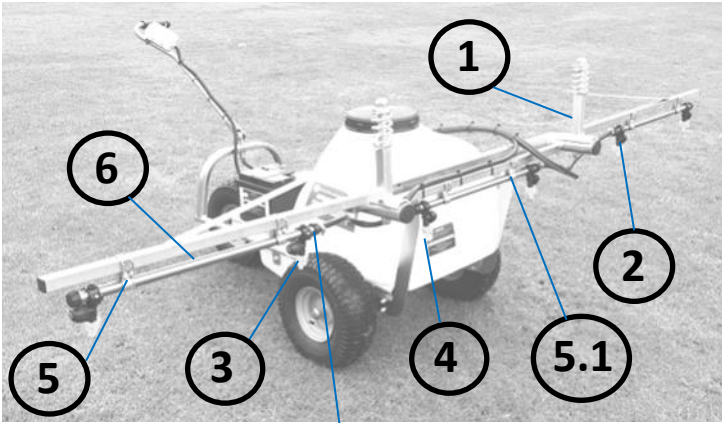
COD. 110° CODE 110° CÓD. 110°					
	<i>bar</i>	<i>drop 110°</i>	<i>l/min</i>	4 km/h	6 km/h
SF11001	1.5	F	0.28	85	57
	3	VF	0.40	120	80
	5	VF	0.52	155	103
	7	VF	0.61	183	122
SF110015	1.5	F	0.42	127	85
	3	VF	0.60	180	120
	5	VF	0.77	232	155
	7	VF	0.92	275	183
SF11002	1.5	F	0.57	170	113
	3	F	0.80	240	160
	5	VF	1.03	310	207
	7	VF	1.22	367	244
SF110025	1.5	F	0.71	212	141
	3	F	1.00	300	200
	5	VF	1.29	387	258
	7	VF	1.53	458	306
SF11003	1.5	M	0.85	255	170
	3	F	1.20	360	240
	5	F	1.55	465	310
	7	VF	1.83	550	367
SF11004	1.5	M	1.13	339	226
	3	F	1.60	480	320
	5	F	2.07	620	413
	7	F	2.44	733	489

PARTS LIST

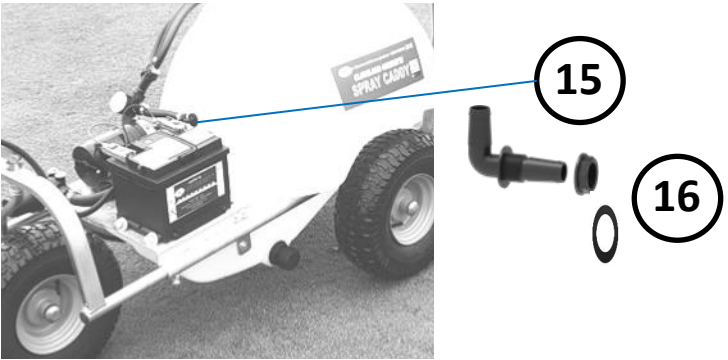
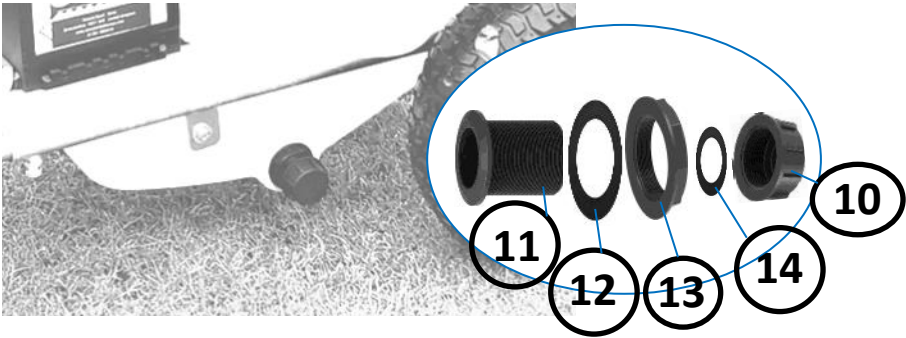
Parts Diagrams



1	Battery	202174T
2	Pump	74815
3	Switch Box Switch Only	789-454 5086-437
4	Filter Complete	3302223
5	Filter Element	0303002223
6	90° Hosetail	0222311
7	90° male female fitting	2202621
8	Pressure Adjustment Device	2250269
9	Threaded nipple	0202052
10	Ball Valve	20111554
11	4 way fitting	020061
12	Fly nut (x3)	0202002
13	Flat Seal (x3)	21004G
14	Hosetail (x3)	012501
15	CADDYWHEEL	CADW
16	Pressure Gauge	81RR7BB05GPMS
17	90° hosetail	115320C
18	Lid with breather	022453



1	Complete Boom	3MFIRST
2	Nozzle Body	547204 (x6)
3	Yellow Nozzle Cap	60009204
4	Nozzle Tip Air Induction	110CFA**
5	Boom Tube Clamp L/R Arms	902400 (Pair)
5.1	Boom Tube Clamp Centre	802400 (Pair)
6	Boom Tube Stainless Steel	1402400
7	Hosetail	012501
8	Fly nut	0202002
9	Seal	21004G
10	Drain Cap	0502012
11	Tank Fitting	050022
12	Tank Seal	50004G
13	Back Nut	0202502
14	Seal for Drain Cap	51004G
15	Tank return fitting	118213
16	Seal for tank return fitting	51004G



GBAM10 mini foam marker

