CombiClamp

PowerDraft Shedder

No. 4669G-400E

(For use with EziWeigh 7i, ID & XR5000)

Operation Manual & Setup Guide

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General Overview

The power unit components are shown in Fig 1. These components allow the use of the Powerdraft

Fig 1

Setting Up PowerDraft

When operating with push button only!

Attach the Power Draft to the CombiClamp, Fig 2. Attach the indicator bracket and control box, Fig 4 to the auxiliary frame of the CombiClamp.

Attach chosen indicator to the indicator bracket. Connect the power/battery lead to the left most position of the control box, Fig 4, shown by the power symbol.

Connect the gate power leads, one end to the draft gate actuator, Fig 3, and the other to the control box positions marked by box with lines through, position two and three on the control box, Fig 4. Check the operation of the draft gate by pushing any directional button on the control box. If the gates move in the opposite direction than that indicated on the control box, switch the power leads around.

The right most position, indicated by the switch icon is only used when an indicator is used with the Power draft, else always ensure the empty signal plug is installed, Fig 4.

Fig 2

Fig 3

When the indicator is used to control the power draft, (i.e. in Auto draft control mode), To override this system, use any push button on the control box.

Fig 4

Siting and operation of the battery pack

Site the battery in safe and secure location and attach the 2 power leads, Fig 5. The positive brown lead to the positive terminal and the negative blue lead to the negative terminal on the battery, The level of power remaining in the battery can be checked by pressing the small red button by the LCD screen.

Fig 5

Check the operation of the push button control system of the power draft, Fig 6 .

A. Turn on the battery switch.

B. Ensure the green power light is illuminated.

C. Push any of the 3 buttons to activate the draft gates.

D. Should the draft gates operate in an opposite direction to the button arrow, swap around the two power actuator leads on the control box.

E. Always ensure the battery has sufficient power before beginning an intensive drafting operation .

F. This drafting operation does not require any weighing system to be connected

Fig 6

Setting up to use powerDraft via Trutest Indicator (Auto draft Control)

(Eziweigh 7I, ID & XR5000)

Fig 7

Fig 8

Set up the Micro Switch on the CombiClamp

Have the Combiclamp pedal in the up position, i.e. as though you are to allow an animal to pass through. Position the microswitch on the main upright leg at the rear of the clamp with the tail of the microswitch in the neutral position as shown in Fig 9

Now tighten the grubscrew to secure.

Fig 9

Fig 10

Now press the pedal down to the animal hold position and secure in place with the pedal lock.

Go to the reverse side and ensure the microswitch tail is now in the activated position as shown, Fig 10.

Set up the draft parameters on the indicator which will now control the gate operation. To override this system, use any push button on the control box.

TRUTEST INDICATOR
LOADBAR
LOADBAR
SIGNAL PLUG
SWITCH
CONNECTION BOX
BATTERY
+
-
R. H. ACTUATOR
L. H. ACTUATOR
NOTES:
1. TRUTEST INDICATOR TO BE FULLY CHARGED BEFORE USE.
2. SETUP DRAFTING IN TRUTEST INDICATOR.
3. SWAP ACTUATOR CABLES IF DIRECTION IS INCORRECT.

Fig 11

EC Declaration of Conformity

in accordance with BS EN ISO/IEC 17050-1:2004

CE 11

David Ritchie (Implements) Ltd.,
Carseview Road, Forfar, Scotland DD8 3BT

declare that:
Equipment: CombiClamp PowerDraft Shedder
Model No: 4669G-400E
Serial No:

in accordance with the following directive:

2006/95/EC Conforms with the safety objectives of the Low Voltage Directive and its amending directives

has been designed and manufactured to the following standards:

EN 50274:2002, EN 50288:2003, EN 50363:2005, EN 61140:2002, EN 61439:2009

I hereby declare that the equipment named above has been tested and found to comply with the relevant sections of the above referenced specifications. The unit complies with all essential requirements of the Directives.

Signed:-

Robert Ritchie Al agr E Agricultural Sales Director

at:- David Ritchie Implements Ltd. Forfar, UK on:- 1st Nov 2020

the perfect partner

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