Clarke Focus Boost

Do not put chemicals in the machine!

1) Open the filler neck (A, Fig.14).
2) (For machines without Chemical Mixing System)
   Use the front filler neck (B) or the rear filler neck (C) to fill the tank (D) with a solution suitable for the work to be performed. Refill to the reference mark “1” of the level check hose (H). Always follow the dilution instructions on the label of the chemical product used to prepare the solution. The solution temperature must not exceed +104°F (+40°C).

WARNING!

⚠️ Use only low-foam and non-flammable detergents, intended for automatic scrubber applications.

3) (For machines with Chemical Mixing System)
   Fill the tank (D) with clean water by using the filler neck (B) or the rear filler neck (C). Refill to the reference mark “1” of the level check hose (H). The water temperature must not exceed +104°F (+40°C).

Detergent tank filling (For machines with Chemical Mixing System)

1) Open the cover (E) and check that the recovery water tank (F) is empty, otherwise empty it with the drain hose (G).
2) Carefully lift the tank (A, Fig. 15).
3) Open the cap (B).
4) Replace or fill the jug (C) with any standard gallon container of detergent suitable for the work to be performed (highly concentrated detergents). Do not fill the detergent tank completely, leave a few centimeters from the edge.

WARNING!

⚠️ Use only low-foam and non-flammable detergents, intended for automatic scrubber applications.

NOTE

To install a new jug container, determine the cap size and if it is the smaller cap, remove the reducing adapter from the hose cap (B). Insert the suction tube into the jug (C). Pushdown firmly on the cap (B) and twist at the same time to put the cap back onto the jug (C). In case of new system, system emptied for cleaning, etc., wait for the hoses to fill up, before starting the Chemical Mixing System.
**MACHINE START AND STOP**

**Starting the machine**

1) Prepare the machine as shown in the previous paragraph.
2) Insert the ignition key (A, Fig. 16) and turn it to "I". Check that the green warning light (B) turns on (charged battery).
   If the yellow (C) or red warning light (D) turns on, turn the ignition key back to "0" and charge the batteries (see the procedure in Maintenance chapter).
3) Drive the machine to the working area:
   - By pushing it with the hands on the handlebar (E) (only for FOCUS II S20).
   - By pushing it with the hands on the handlebar (E) and pressing the switch (F) to move forward, or pressing the switch (F) together with the switch (G) to move backward (only for FOCUS II L17, FOCUS II L20, FOCUS II L20 Cyl., BOOST L20).
   The forward speed can be adjusted with the adjuster (H).
4) Lower the squeegee (I) with the lever (J).
5) Lower the brush/pad-holder deck (K) by pressing the pedal (L).
6) Press the brush/pad-holder switch (M) and the vacuum system switch (N).
7) Press the washing water flow control switches (O) as necessary, depending on the type of cleaning to be performed.
8) Start cleaning:
   - (Only for FOCUS II S20) by pushing the machine with the hands on the handlebar (E) and pressing the switch (F).
   - (Only for FOCUS II L17, FOCUS II L20, FOCUS II L20 Cyl., BOOST L20) by pushing the machine with the hands on the handlebar (E) and by pressing the switch (F). If necessary, the forward speed can be adjusted with the adjuster (H).

**NOTE**

To move the machine forward, press either the left or right switch (F) or both.

**Stopping the machine**

1) Stop the machine by using the handlebar (E) (Only for FOCUS II S20).
2) Stop the machine by releasing the switches (F) (Only for FOCUS II L17, FOCUS II L20, FOCUS II L20 Cyl., BOOST L20).
3) Stop the brushes and the vacuum system by pressing the switch (M). The vacuum system stops after a few seconds.
4) Lift the brush/pad-holder deck (K) by pressing the pedal (L).
5) Lift the squeegee (I) with the lever (J).
6) Turn the ignition key (A) to "0".
7) Make sure that the machine cannot move independently.
MACHINE OPERATION (SCRUBBING/DRYING)

1. Start the machine as shown in the previous paragraph.
2. If necessary, press the washing water flow control switches (A and B, Fig. 17) as necessary, depending on the type of cleaning to be performed.
3. If necessary, stop the machine and adjust the squeegee with the knob (C) so that the rear blade (D) touches the floor along all its length.

Machine drive controls

CAUTION!

These procedures must be performed by qualified personnel or Clarke personnel only.

The machine speed and forward movement capability depends on the floor type and on the choice of using brush or pad. These can be adjusted by two screws (B and D, Fig.18), which are on the brush plate, according to the following procedure:

– Loosen the nut (A); when turning the adjusting screw (B) counter-clockwise, the machine moves towards the left; when turning it clockwise the machine moves towards the right.

– (Only for FOCUS II S20) loosen the nut (C); when turning the adjusting screw (D) counter-clockwise, the machine speed increases; when turning it clockwise the machine speed decreases.

When the procedure is completed, tighten the nuts (A and/or C).
NOTE
For correct scrubbing/drying of floors at the sides of the walls, Clarke suggests to go near the walls with the right side of the machine (A and B, Fig. 19) as shown in the figure.

CAUTION!
To avoid any damage to the floor surface, turn off the brushes/pad-holders when the machine stops in one place, especially when the extra pressure function is on.

Detergent flow adjustment
(For machines with Chemical Mixing System)

1) Turn the knob (A, Fig. 20) clockwise or counter-clockwise to increase or decrease the detergent concentration.
2) The average detergent concentration values, matching the 4 colored areas of the scale (B), are shown in the figure.
3) To set the detergent quantity to zero, fully turn the knob (A) counter-clockwise.

NOTE
The detergent concentration is kept constant even if the washing water flow is changed with the switches (C) or (D).

Working with brush/pad-holder extra pressure function turned on
If the floor proves to be particularly difficult to clean, it is possible to turn on the brush/pad-holder extra pressure function by pressing the pedal (E) to position (E3).

CAUTION!
When the cylindrical brush deck (S, Fig. 2 - Page 9) is installed, the extra pressure function is not enabled.
Battery discharge during operation

Until the green warning light (A, Fig. 21) stays on, the batteries allow the machine to work normally.
When the green warning light (A) turns off, and the yellow warning light (B) turns on, it is advisable to charge the batteries, because the remaining charge will last for a few minutes (depending on battery characteristics and work to be performed).
When the red warning light (C) turns on, batteries are fully discharged. After a few seconds, the brush/pad-holder is automatically tuned off, while the vacuum system and (only for ***FOCUS II L17, FOCUS II L20, FOCUS II L20 Cyl., BOOST L20*) the drive system stay on, to finish drying the floor and drive the machine to the appointed recharging area.

**CAUTION!**

*Do not use the machine with discharged batteries, to avoid damaging the batteries and reducing the battery life.*

**TANK EMPTYING**

An automatic float shut-off system (A, Fig. 22) stops the vacuum system when the recovery water tank (B) is full.
The vacuum system deactivation is signaled by a sudden increase in the vacuum system motor noise frequency, also the floor has not dried.

**CAUTION!**

*If the vacuum system turns off accidentally (for example, when the float is activated because of a sudden machine movement), to resume the operation: turn off the vacuum system by pressing the switch (D, Fig. 19), then open the cover (C, Fig. 22) and check that the float inside the grid (A) has gone down to the water level. Then close the cover (C) and turn on the vacuum system by pressing the switch (D, Fig. 19).*

When the recovery water tank (B, Fig. 21) is full, empty it according to the following procedure.

**Recovery water tank emptying**

1) Stop the machine.
2) Lift the brush/pad-holder deck (E, Fig. 21) by pressing the pedal (F).
3) Lift the squeegee (G) with the lever (H).
4) Drive the machine to the appointed disposal area.
5) Empty the recovery water tank with the hose (I). Then, rinse the tank (B, Fig. 22) with clean water.