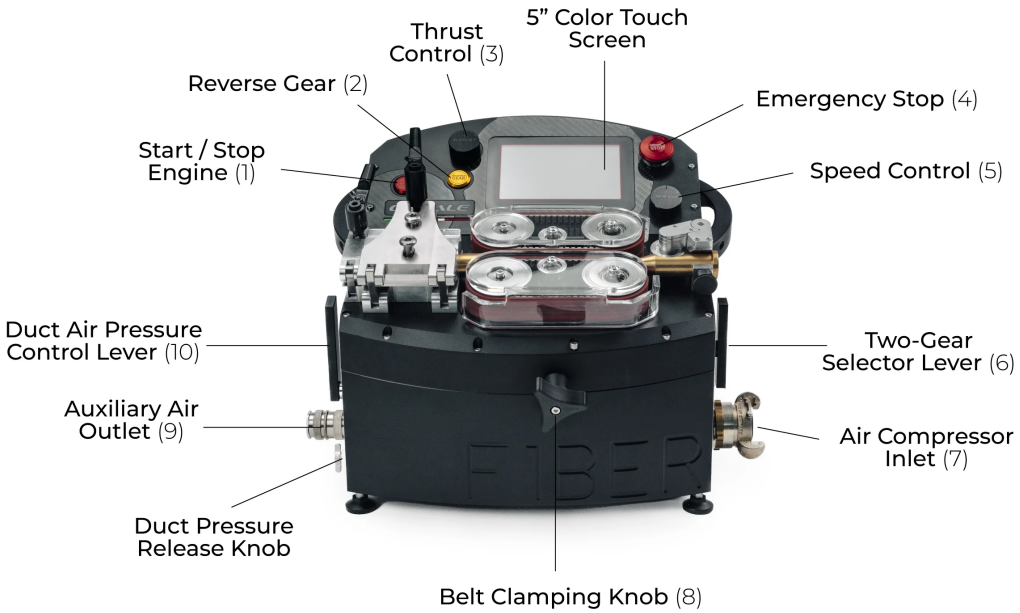
GENIALE

QUICK GUIDE



MAIN COMPONENTS:

1. Engine Start/Stop
2. Reverse Gear
3. Thrust Control
4. Emergency Stop
5. Speed Control
6. Gear Selector
7. Compressed Air Inlet
8. Belt Clamping Knob
9. Secondary Air Outlet
10. Duct Air Pressure Control Lever

1. ON / OFF / RESET

ON/OFF POWER BUTTON

1. Insert **3 Milwaukee 18V – 5Ah batteries.**

2. Press **ON / OFF / RESET** to power the machine.

3. The display shows **the lowest battery level among the installed batteries.**

4. If the battery level is too low, the machine **shuts down automatically**.

5. Before shutting down, the display shows **LOW BATTERY**.

POWER OFF

6. Hold the **ON / OFF / RESET button for 3 seconds**.

RESET DISTANCE COUNTER

7. Hold the **ON / OFF / RESET button for 1 second**.

2. GEAR SELECTION

GEAR	PUSHING FORCE	SPEED	RECOMMENDATION
1	400 N	60 m/min	mini cables (4 - 8.5 mm)
2	100 N	120 m/min	micro cables (1.2 - 3 mm)

The **yellow box on the display** shows the active gear.

1 ⟶ first gear

2 ⟶ second gear

FIRST GEAR

SECOND GEAR

3. REVERSE FUNCTION

Hold **REVERSE GEAR for 2 seconds.**

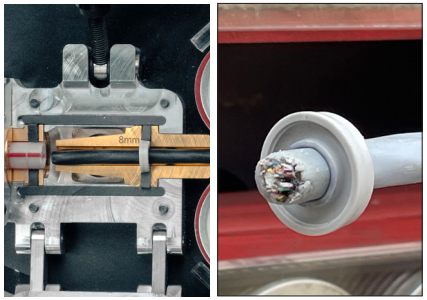
The display shows:

R1 or **R2**

This means the machine **is reversing the cable movement.**

Hold **REVERSE GEAR again for 2 seconds** to return to normal operation.

4. GASKET INSTALLATION



GASKET MOUNTED INTO THE SEALING CHAMBER

Select the correct gasket for the cable diameter.

Insert the gasket into the sealing chamber.

⚠ Important

The gasket must be installed with **the hollow side facing the duct.**

This ensures **maximum air sealing.**

It is also very important that the **duct is perfectly aligned with the duct adapter**.

If the duct is misaligned, it may restrict the airflow and lead to reduced installation performance.

For cables from 1.2 to 3 mm, use the Vulcolan gasket.

VULCOLAN GASKET

5. BELT CLOSING FORCE

Adjust using the **belt clamping knob**. The value in Newtons is displayed on the screen as **Closing Force**.

BELT CLAMPING KNOB

RECOMMENDATION FOR MINI CABLES (4 to 8.5 mm, first gear) **:**

Closing Force = **2–3 × Maximum Pushing Force**

EXAMPLE OF BELT CLOSING FORCE SETTING:

Maximum Pushing Force = **100 N**
Closing Force recommended = **200–300 N**

RECOMMENDATION FOR MICRO CABLES (1.2 to 3 mm, second gear)**:**

For smaller cables, a **10–20 N closing force** is recommended.

6. SLIP CONTROL

SLIP indicates **belt slippage on the cable**. It is calculated by comparing:

- belt speed
- cable speed from the counter meter

The display shows the **SLIP percentage.**

7. SLIP PROTECTION LEVELS

Press **SET MAX SLIP**

SET MAX SLIP SCREEN

MODE	FUNCTION
NONE	No protection
MEDIUM	The machine stops if belts move but cable does not
HIGH	The machine stops if belt/cable speed difference is too high. Belt speed exceeds twice the cable speed

⚠ After selecting the level press **SET VALUE.** The setting **remains stored in the machine memory** even after restart.

⚠ ERROR MESSAGES

MESSAGE	MEANING	RESET
STOP	Emergency stop activated	1. Release Emergency Stop 2. Turn speed knob to zero until click 3. Press **CLOSE** on the display
MAX PUSHING FORCE REACHED	Maximum pushing force reached	1. Turn speed knob to zero until click 2. Press **CLOSE** on the display
MAX SLIP REACHED	Slip exceeded set limit	1. Turn speed knob to zero until click 2. Press **CLOSE** on the display
SPEED KNOB	Speed knob not at zero during startup.	1. Turn speed knob to zero until click 2. Press **CLOSE** on the display
NO GEAR SELECTED	The gear is not detected when the velocity of the belts is not zero	1. Turn speed knob to zero until click 2. Press **CLOSE** on the display