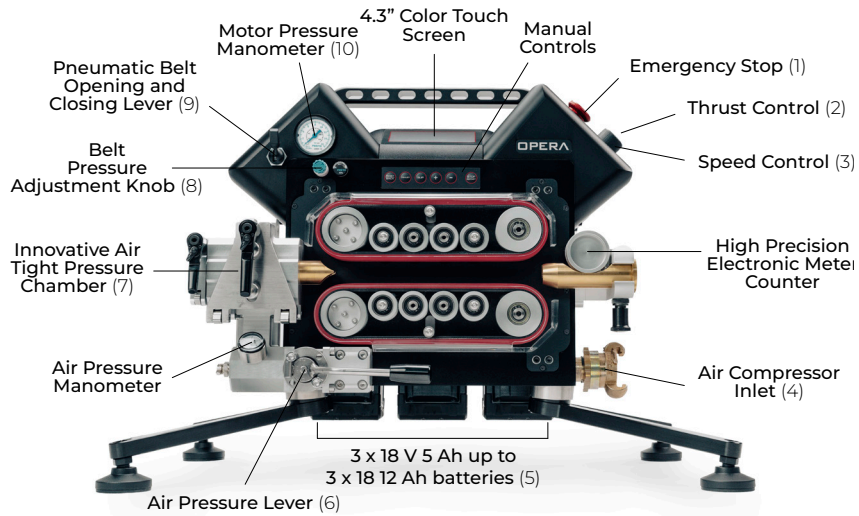


OPERA ELETTRICA

QUICK GUIDE



MAIN COMPONENTS:

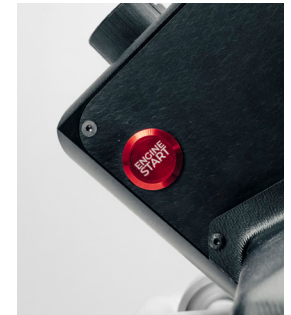
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|-------------------------|-----------------------------------|
| 1. Emergency Stop | 6. Air Pressure Lever |
| 2. Thrust Control | 7. Air Tight Pressure Chamber |
| 3. Speed Control | 8. Belt Pressure Adjustment Knob |
| 4. Air Compressor Inlet | 9. Belt Opening and Closing Lever |
| 5. Battery Pack | 10. Motor Pressure Manometer |

INSTALLATION IN 6 STEPS

1. Insert batteries and start machine
2. Insert tube and cable
3. Insert gasket
4. Adjust belt closing force
5. Set maximum pushing force
6. Start installation

1. POWER ON/OFF

1. Insert **3 Milwaukee batteries 18V – 5Ah**.
2. Press **ENGINE START** to power the machine.
3. The display shows **the lowest battery level installed**.
4. With a full charge, it is possible to install approximately **4 km of cable**.
5. If the battery level is too low the machine **shuts down automatically**.



ON/OFF POWER BUTTON

POWER OFF

6. Hold **ENGINE START** for **3 seconds**.

2. INSTALLATION CONTROL



SPEED AND THRUST CONTROLS

Set:

- **Maximum Pushing Force**
- **Speed**

If resistance increases, the machine automatically **reduces the speed while maintaining the set force**, protecting the cable.

3. BELT ADJUSTMENT

The belts open and close using **the lever located near the engine pressure gauge.**

The **closing force** can be adjusted with **the blue knob.**

The value is **displayed on the screen.**

GENERAL RULE:

Closing Force = 2-3 × Maximum Pushing Force

EXAMPLE OF BELT CLOSING FORCE SETTING:

Maximum Pushing Force = 100 N

Closing Force recommended = 200-300 N



BELT CLOSING LEVER

4. GASKET INSTALLATION

Select the correct gasket for the cable diameter.

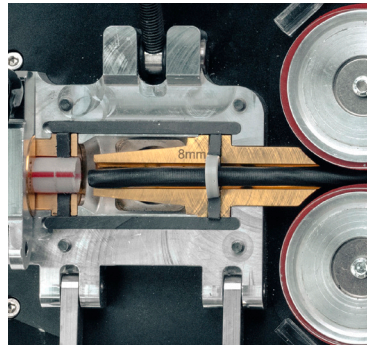
Insert the gasket into the sealing chamber.

⚠ Important

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

This guarantees **maximum air sealing.**

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



GASKET MOUNTED INTO THE SEALING CHAMBER

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

5. REVERSE FUNCTION

Hold **REVERSE GEAR** for **4 seconds.**

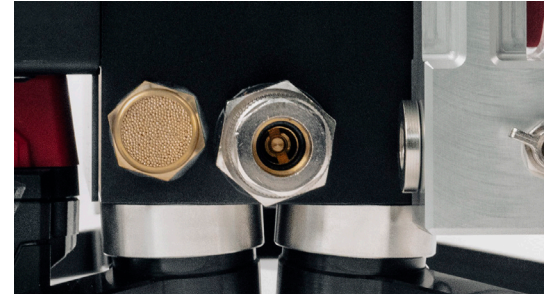
The display shows:

R

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

Hold **REVERSE GEAR** again for **4 seconds** to return to normal operation.

6. SECONDARY AIR OUTLET



SECONDARY AIR OUTLET

It can be used for:

- **Duct continuity testing**
- **Pressure testing**
- **Duct cleaning**

It can also assist with **cable reverse using air.**

⚠ 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
BATTERY LOW	Low battery	Recharge the batteries