

Fast user guide

⚠ ATTENTION ⚠

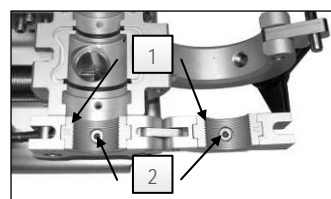
This document does not replace the operating and maintenance manual n°298.265, supplied with the machine which must be read and understood by the personnel using the machine.

Please carry out all the checks as well as the preparations required and recommended by the manual n°298.265 before using the machine.

Non-compliance with safety instructions and symbols detailed and shown in the manual n°298.265, as well as failure to comply with local safety regulations is the sole responsibility of the user.

1. Preparing the MiniJet

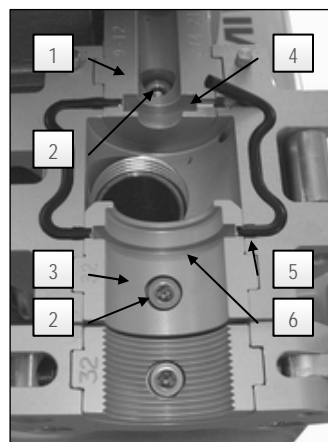
1.1 Mounting the jaws



1. Jaws
2. Securing screws

Mount the jaws corresponding to the duct diameter.

1.2 Mounting the cable and duct inserts



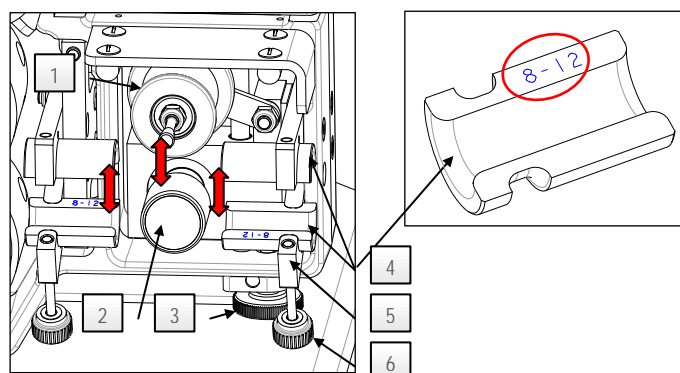
1. Lower cable insert
2. Fixing screw
3. Lower duct insert
4. Lip seal housing
5. Sealing cord
6. O-ring seal housing

Mount, in the inlet chamber, the duct inserts matching the duct diameter.

Mount, in the inlet chamber, the cable inserts matching the cable diameter.

Fit carefully the sealing cord so as to ensure good sealing of the inlet chamber.

1.3 Mounting the cable guides



1. Measuring roller
2. Pressure roller
3. Adjustment knob
4. Cable guide (4x)
5. Lower cable guide support (2x)
6. Fixing screw (2x)

Mount the cable guides matching the diameter of the cable being installed.

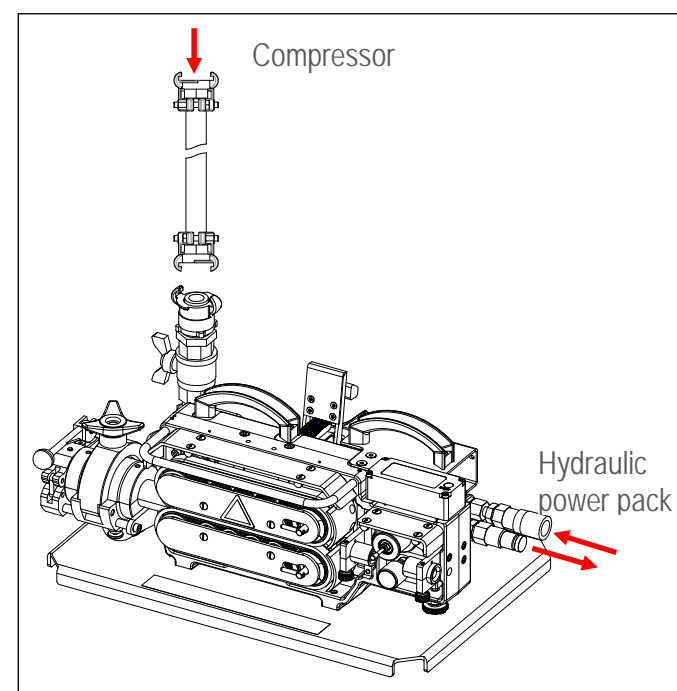
If needed, adjust the height of the rollers using the adjustment knob.

1.4 Setting up the MiniJet

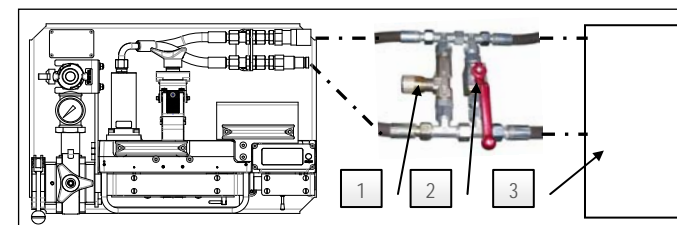
Place the MiniJet in line with the duct route.

Check the stability and leave enough room to access the MiniJet.

1.5 Hoses connections



Connect the MiniJet to the compressor using the air inlet hose supplied with the machine.



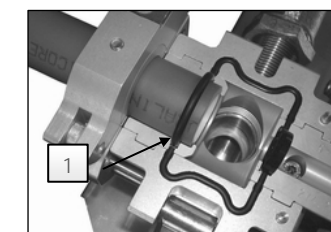
1. Flow regulator
2. Stop valve
3. Hydraulic power pack

Connect the MiniJet to the hydraulic power pack using the hoses set (supplied as accessory) fitted with flow regulator and stop valve.

Open fully the flow regulator by turning the button anti-clockwise.

Open fully the stop valve by aligning the handle along the valve's body.

1.6 Setting up the duct



1. O-ring seal

Fit the o-ring seal around the duct.

Connect the duct by pushing it fully in the duct insert. Fit the o-ring in the groove.

Close the upper jaw and lock it with the cam lever of the duct clamp.

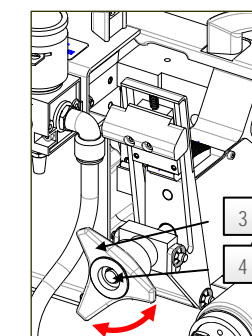
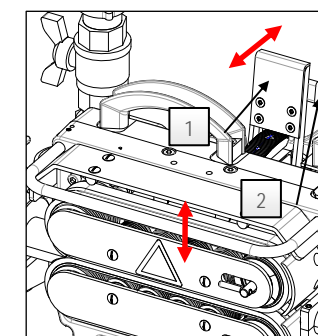
1.7 Setting up the cable

Attach to the cable tip, the cable cap corresponding to the cable diameter (available as option).

⚠ IMPORTANT ⚠

Cable caps must not exceed the cable diameter more than 0.5mm

1.8 Opening the pressure system



1. Open/close lever
2. Latch
3. Adjusting handwheel
4. Visual indicator

⚠ NOTE ⚠

This device compresses the cable between the two belts to drive it.

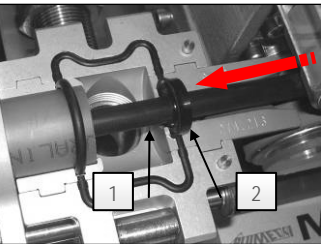
Loosen fully the adjusting wheel to relieve the pressure between the belts.

Lift the latch and pull the lever towards you to open the device so you can put the cable between the two belts.

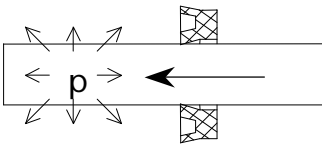
Release the latch to keep the lever in place.

1.8.1 Fitting the cable in the MiniJet

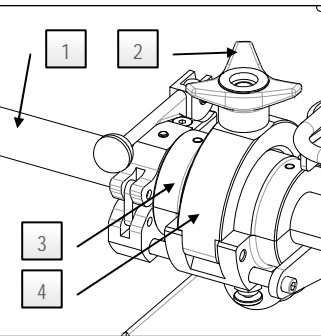
During this operation, the cable guides, the cable pressure device as well as the inlet head must be open.
Take the appropriate lip seal for the cable diameter.
To ensure the air tightness of the cable in the inlet head, place the lip seal on the cable taking into account the direction of assembly.



- 1. Cable
- 2. Lip seal



Lift the VL 20 measuring roller shaft and fit the cable into the MiniJet, taking care to place the lip seal in the cable insert housing.
Push the cable into the duct by hand, for at least one meter, making sure that the lip seal stays in place.



- 1. Duct
- 2. Tightening hand wheel
- 3. Upper body
- 4. Clamp bridle

Fit the upper body of the inlet chamber taking care to adjust well the o-ring seal and the lip seal.
Fit the clamp bridle and tighten the hand wheel.

NOTE
Once the inlet chamber is closed, manually check that the cable slides freely.

Close the cable guides.
If necessary, adjust the height of the VL 20 rollers.
Lift the latch and push the lever to close the pressure device on the cable.
Release the latch to keep the lever in place.
Adjust the pressure on the cable with the adjusting hand wheel.
Turn clockwise to increase the pressure, anticlockwise to decrease the pressure.

NOTE
A correct linear pressure on the cable is reached when pulling the cable back, the belts move without slipping.

NOTE
A visual indicator displays the adjustment of the linear pressure on the cable.

2. Operating instructions

2.1 Starting the hydraulic power pack

Ensure the flow regulator and the stop valve on the hoses set are open.
Start the hydraulic power pack after reading carefully the user's manual 298.173.

2.2 Pressurizing the duct

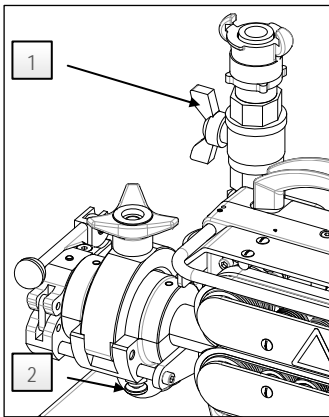
ATTENTION
Before the gradual opening of the compressor valve, carefully check that the MiniJet valves are closed, all connexions are properly set and the ducts do not have abnormal bends and twists.

After the compressor has run a few minutes to heat-up open the compressor air valve, then the air inlet valve of the MiniJet.

IMPORTANT
Always open the valves slowly.

IMPORTANT
Before pressurizing the duct, announce the arrival of air by radio or some other available means to the operator(s) at the next workstation.

ATTENTION
Do not stand in front of the duct after it was set under pressure.



- 1. Inlet valve
- 2. Bleed valve

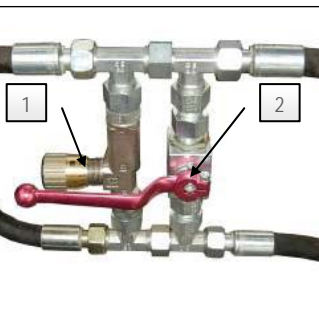
Check the air tightness of the inlet head
If tightness appears to be insufficient:

- Stop the compressor
- Close the air inlet valve (clockwise)
- Open the bleed valve and wait until the pressure chamber is de-pressurized (anticlockwise)
- Check the seals of the inlet chamber.

If tightness is sufficient:

- Close the inlet valve (clockwise). You can start the cable installation.

2.3 Starting cable installation



- 1. Flow regulator
- 2. Stop valve

Close the stop valve by turning the handle perpendicular to valve's body.
Start the MiniJet by turning slowly the flow regulator clockwise.

NOTE
The flow regulator adjusts the speed of the MiniJet

Monitor the hydraulic pressure of the motor through the pressure gauge on the hydraulic power pack.
Introduce the cable without pressurizing the duct until the desired speed is reached. We recommend 40-50 m/min.
As soon as the speed decreases, open the air inlet valve progressively in order to put more pressure in the duct.

NOTE
The pressure in the duct should be 3 – 4 bars. Do not use high pressure when starting the cable installation.

2.4 Stopping cable installation

2.4.1 Stopping the motor

Open the stop valve by aligning the handle along the valve's body.
Open fully the flow regulator by turning the button anti-clockwise.

2.4.2 Stopping the installation

Stop the motor.
Close the inlet valve.
Stop the hydraulic power pack and the compressor.

IMPORTANT
Never attempt to pull the cable by hand, as it might get irretrievably stuck in the duct.

IMPORTANT
After an emergency stop or any other interruption of the cable installation, it is necessary to close the air inlet valve. Before that, the operator must know what the air pressure in the inlet head was.
Before re-starting the cable installation, the air pressure must be the same or 0.5 bar higher, as at the moment the air inlet valve was closed.
After the air pressure has been stabilized, open the stop valve and re-start the MiniJet by turning slowly the flow regulator clockwise.

NOTE
Announce air cutting off and pressure reduction in the duct by radio or some other available means to the operator(s) at the next workstation downstream.