

S400 Programming instructions

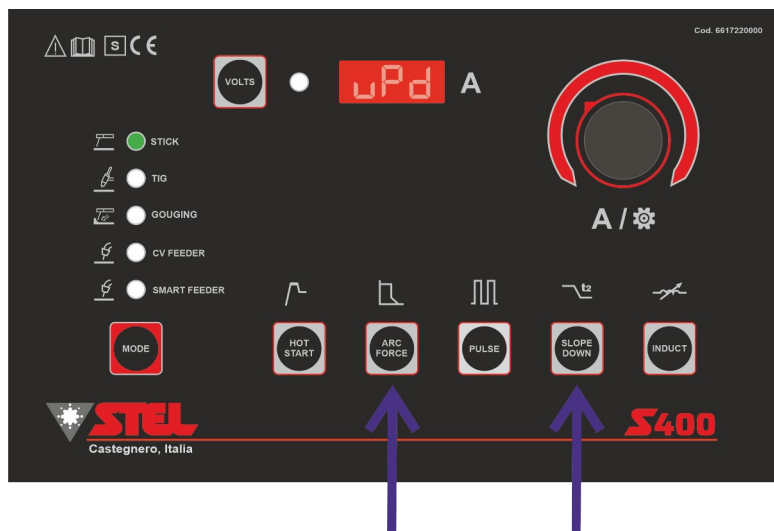
Note

Please read the update instructions carefully before updating the machine. Failure to follow the update procedure correctly may result in machine damage.

Update procedure

- Get an USB stick, refer to the notes below to choose the correct flash drive;
- Copy the "S400_1v0x.suf" file in the USB stick, in the root, not inside a folder. There must be only one ".suf" file in this place. The USB stick can contain any other types of files/folder and even others .suf file, but they have to be placed inside a folder, not in the main path;
- Ensure the welding power source is connected to a reliable power supply, **it is important that during the update procedure the machine stays ON and connected to the power line!**
- Insert the USB stick on the machine;
- With the machine turned on, press and hold the "ArcForce" and "SlopeDown" keys for a few seconds, until the buzzer beeps and "upd" shows up in the display*;
- The machine will show "UPd —" for a few seconds, then reboot. During this phase, the green LEDs near the USB stay on. **Do not disconnect the USB while these leds are on!**
- During the update, the machine may turn on and off multiple times;
- When the machine reboots, it will show the new software version.

* If this does not happen and you are sure to press the correct keys, try turning the machine off and on again and retry.



Errors

Error code	Description	Solution
002	USB flash drive not found	Check USB connection, try another USB stick, see notes below on USB drive.
003	USB not recognized	Try another USB stick, see notes below on USB drive.
004	File not found or too many files found	Check the presence of only one file on the drive
006,007,008	Incompatible file	Check update file, version and model
Others	Internal errors	Turn the machine off and on and retry

If error persists, contact factory authorized service agent.

USB Drive specifications

The USB supports FAT and exFAT file systems but is limited to the MBR partition standard. As a result, some "large" USB sticks (e.g., 128GB, 256GB) may not work if they use the GPT partition standard.

Large USB mass storage requiring more than 150mA may not work properly.