

Workspace change with GCode

bmain.py

Ln 532

```
# Fill basic global variables
CNC.vars["state"] = NOT_CONNECTED
CNC.vars["color"] = STATECOLOR[NOT_CONNECTED]
self._pendantFileUploaded = None
+ self._FileUpLoaded = None
  self._drawAfter = None # after handle for modification
  self._inFocus = False
  # END - insertCount lines where ok was applied to for $xxx commands
  self._insertCount = (0)
  self._selectI = 0
  self.monitorSerial()
  self.canvasFrame.toggleDrawFlag()
```

Ln 2284

```
# -----
# load dialog
# -----
def loadDialog(self, event=None):
    if self.running:
        return
    filename = bFileDialog.askopenfilename(
        master=self,
        title=_("Open file"),
        initialfile=os.path.join(
            Utils.getUtf("File", "dir"), Utils.getUtf("File", "file")
        ),
        filetypes=FILETYPES,
    )
    if filename:
        self.load(filename)
+     self._FileUpLoaded=1
    return "break"
```

Ln 2754

```
# Load file from pendant
if self._pendantFileUploaded is not None:
    self.load(self._pendantFileUploaded)
    self._pendantFileUploaded = None

+ # Load file with WorkSpace != G54
+ if self._FileUpLoaded!=None:
+     self.gstate.updateWs()
+     self._FileUpLoaded=None
```

ControlPage.py

ln 2263

```
#-----
def updateTLO(self, event=None):
    state = self.tlo.cget("state")
    self.tlo.config(state=NORMAL)
    self.tlo.set(f'{float(CNC.vars["TLO"]):6.3f}')
    self.tlo.config(state=state)

+ #-----
+ def updateWs(self): # auto switch WorkSpace by GCode
+     global wcsvar
+     wcsvar.set(WCS.index(CNC.vars["wspace"]))
+     self.sendGCode(WCS[wcsvar.get()])
```

CNC.py

ln 718 CNC.vars[...

```
    "arc"      : "G91.1",
    "units"    : "G20",
    "cutter"   : "",
    "tlo"      : "",
+   "wspace"   : "", # WorkSpace update from file
    "program"  : "M0",
    "spindle"  : "M5",
```

ln 2352

```
#-----
# add new line to list create block if necessary
+ # switch WorkSpace if necessary
#-----
+ def _addLine(self, line):
+     if line.startswith("G55"): # WorkSpace change ?
+         CNC.vars["wspace"] = line
+     elif line.startswith("G56"):
+         CNC.vars["wspace"] = line
+     elif line.startswith("G57"):
+         CNC.vars["wspace"] = line
+     elif line.startswith("G58"):
+         CNC.vars["wspace"] = line
+     elif line.startswith("G59"):
+         CNC.vars["wspace"] = line
```