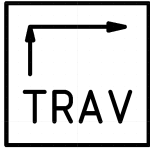


Traverse Toolpath

Hallo Andrew,

Still busy on the never ending G-code story. Urgently needed the very common the Traverse Toolpath.

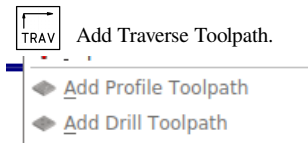


Toolpath: "Traverse"

Function: Used for G0 rapids at traverse height, repositioning tool, changing next toolpath's startpoint, g-code controller synchronisation, a.s.o.

CAM Toolpaths		
Toolpath	Tool	Type
Profile 10000	1	Profile
Profile 7500	1	Profile
Traverse 10	-	Traverse

Add menu-item as



Add icon "Traverse" to Toolpaths icons.



1. No pre-selection. Click Traverse.
2. Ask user : Where to traverse to? Select a point.
3. Show CAM Traverse Toolpath, with selected coords

CAM Traverse toolpath

This traverse path moves tool to position:

Name	:	Traverse 10
x-coordinate	:	100.000
y-coordinate	:	-50.000
traverse height z	:	80.000
Dwell time	:	0.001 seconds

Set dwell time to zero if no G-Code-controller synchronization is required.

[Cancel] [OK]

Cam.ToolPathType.Traverse

TraversePath.Name = "Traverse 10"

TraversePath.Xcoord = 100

TraversePath.Ycoord = -50

TraversePath.Zcoord = (Z-traverse level) ; auto update after Cam Config change

TraversePath.DwellTime = 0.001

4. By post processing this info becomes in G-code:

Nxx Z80		; retract to traverse
Nxx G0 X100 Y-50		; rapid to location
IF DwellTime > 0 THEN	Nxx G4 P0.001	; synchronisate G-code controller