Job report

Waterjet without Path Rules

Job: ReportTimeTestDXF
Customer:

Machine

Machine: Waterjet Machine
Feed Rate: 11.4 ipm
NC File Name:

Material: Steel
Thickness: 1/4

Job

✓ **Job Size:** 100 inL X 40 inW
✓ **Total cut distance:** 76238.4565 in
✗ **Est. cutting time:** 27h 17m 51.79s
✓ **Number of starts:** 15722

✓ **(Job area:** 4000.000 in^2)
✗ **Total Rapid distance:** 71456.2918 in
✗ **Est. Total Job time:** 29h 40m 46.54s

Parts

Part: ReportTimeTestDXF
Number of parts cut: 1

15,721 circles @ ¼"ϕ = 12,347.23"
1 rectangle @ 100"x40" = 280" } 12,627.23" = total cut distance
Rapid distance = 7860" + 19.5" + 0.707" = 7880.20"

Pierce delay = 2s * 15,722 = 31,444s = 8h 44m 4s
Pierce height = 4.125"
Cut height = 0.079"
Plunge = 4.046" * 15,722 = 63,611.21" / 120 ipm = 8h 50m 6s
Cut distance = 12,627.23" / 11.4 ipm = 18h 27m 39s

Total cut time = 36h 1m 49s

Rapid time = 7880.20" / 500 ipm = 15m 45s