

Repeated-Part Nesting MVP

SYS-0032 / REV A / 2026.06.02

The MVP starts with repeated copies of one DXF before mixed-part nesting. It preserves cut direction and lead-ins, checks collisions and duplicates, optimizes travel, and reports every transform and output name.

STATUS	PLANNED
CLASSIFICATION	SYS
MATERIAL	DXF / NESTING
DISPOSITION	PLANNED CONCEPT

TECHNICAL NOTES

A narrow first step toward repeatable cutting nests: one sanitized part, many copies, and a traceable output.

SPECIFICATION

MVP	Repeated single part
PRESERVE	Pierce / direction / lead-in
CHECKS	Collision / duplicate
STATUS	Planned

DEVELOPMENT HISTORY

2026.06.02 / Rev A

Reduced the nesting idea to a traceable single-part MVP.

RELEASED MATERIAL / SOURCE LINKS

SYS-0032_nesting-mvp.txt

MVP NOTES / 2 KB

https://u225x.com/downloads/SYS-0032_nesting-mvp.txt

CONNECTED RECORDS

SYS-0026

<https://u225x.com/record/SYS-0026>

SYS-0030

<https://u225x.com/record/SYS-0030>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/SYS-0032>