

SolidWorks Weight Calculation Issue

CHAT-0357 / REV EXPORT-03 / 2026.06.26

A conversation-specific public summary of solidworks weight calculation issue, distilled from the supplied export. The detailed excerpts remain available in the released note file.

STATUS	RECOVERED / SPECIFIC NOTE
CLASSIFICATION	SYS
MATERIAL	CHAT EXPORT / BUILD & TOOLS
DISPOSITION	PUBLIC CONVERSATION EXCERPTS / REDACTED
CATEGORY	Build & Tools
RECORD TYPE	build-thread

TECHNICAL NOTES

Conversation-specific knowledge extracted from the solidworks weight calculation issue discussion.

CONVERSATION / QUESTION AND CONTEXT

why is solid works calculating this frame to only weigh 30 pounds it is made of 3 x 3 x 3/16 stainless square tube

CONVERSATION / EXTRACTED GUIDANCE

1. Right-click the part/weldment body.
2. Go to Material.
3. Make sure it is actually set to 304 Stainless.
4. Then right-click the Cut List and choose Update.
5. Open Mass Properties again and hit Recalculate.
6. Frame CG approximately centered over base (9.75" from front legs)
7. Chute assembly CG approximately 18-24" in front of the front legs
8. 150 lb of product in the hopper

SPECIFICATION

SOURCE	Supplied ChatGPT export
CATEGORY	Build & Tools
CONVERSATION	5 user turns / 6 assistant turns
ATTACHMENTS	31 references detected
PUBLIC DETAIL	Extracted knowledge + excerpts

DEVELOPMENT HISTORY

2026.06.26 / EXPORT-04

Matched to the supplied export; key guidance is surfaced separately and the raw transcript remains unpublished.

RELEASED MATERIAL / SOURCE LINKS

CHAT-0357-public-note.txt

PUBLIC-SAFE CONVERSATION NOTE / UNIQUE FILE

<https://u225x.com/downloads/chat-records/CHAT-0357-public-note.txt>

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/CHAT-0357>
