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(12)

United States Design Patent

Niedermann et al.

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(54) HAMMER MILL

(71) Applicant: Bühler AG, Uzwil (CH)

(72) Inventors: Jörn Niedermann, Insel Reichenau (DE); Michael König, Constance (DE); Christoph Jaun, Zürich (CH); Patrick Schinnerl, Flawil (CH)

(73) Assignee: Bühler AG, Uzwil (CH)

(**) Term: 15 Years

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(80) Hague Agreement Data

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(52) U.S. Cl.

USPC D15/131

(58) Field of Classification Search

USPC D15/122, 123, 128, 135, 145–147, 199

CPC B02C 13/04; B02C 13/28; B02C 13/282; B02C 13/2808

See application file for complete search history.

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* cited by examiner

Primary Examiner — Calvin E Vansant

Assistant Examiner — Mark T. Philipps

(74) Attorney, Agent, or Firm — Nixon & Vanderhye P.C.

(57) CLAIM

The ornamental design for a hammer mill, as shown and described.

DESCRIPTION

Fig. 1.1 is a front view of a hammer mill of our design in a first configuration, in which the shells are closed;

Fig. 1.2 is a bottom view thereof;

Fig. 1.3 is a rear view thereof;

Fig. 1.4 is a perspective view thereof;

Fig. 1.5 is a left side view thereof;

Fig. 1.6 is a right side view thereof;

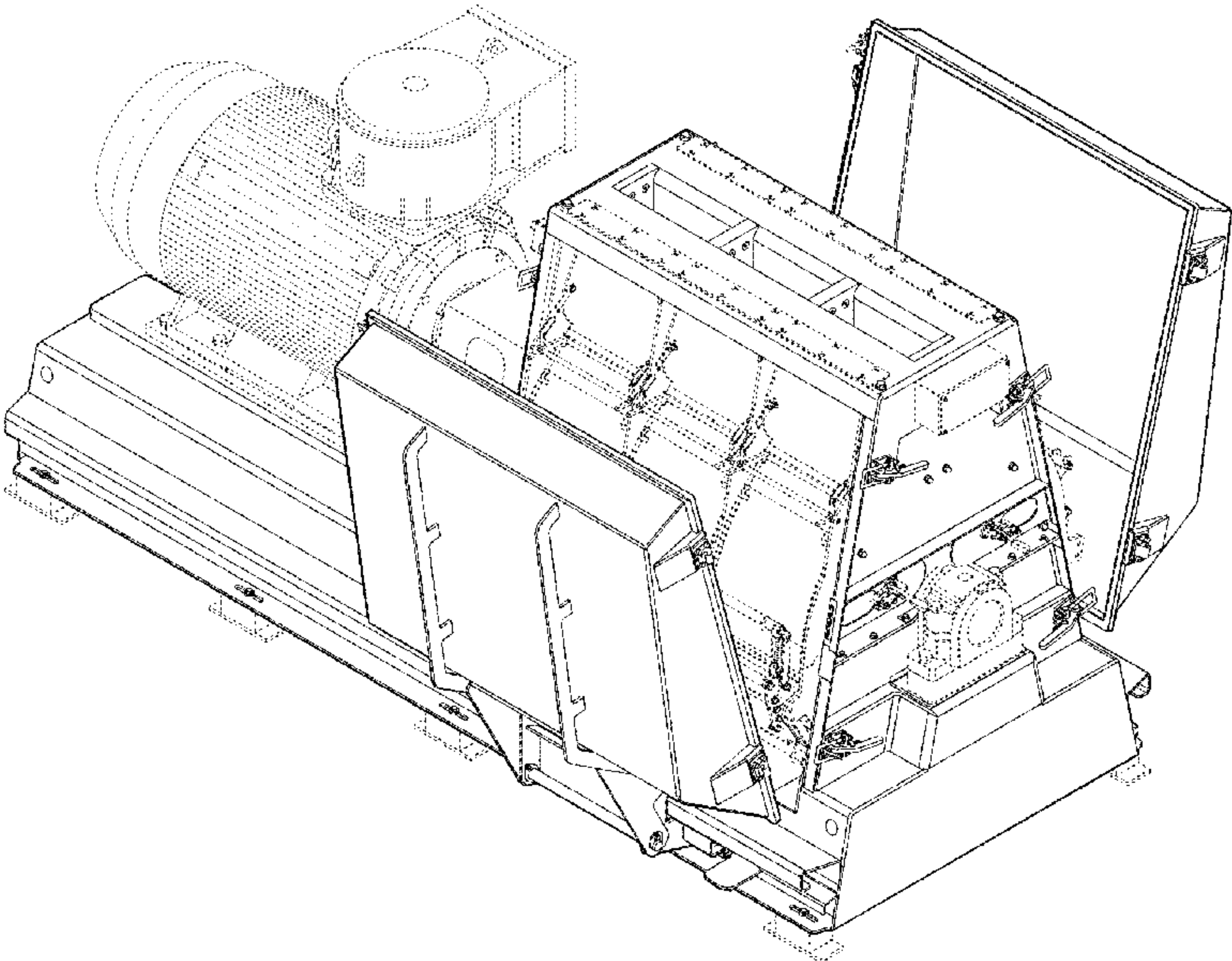
Fig. 1.7 is a top view thereof;

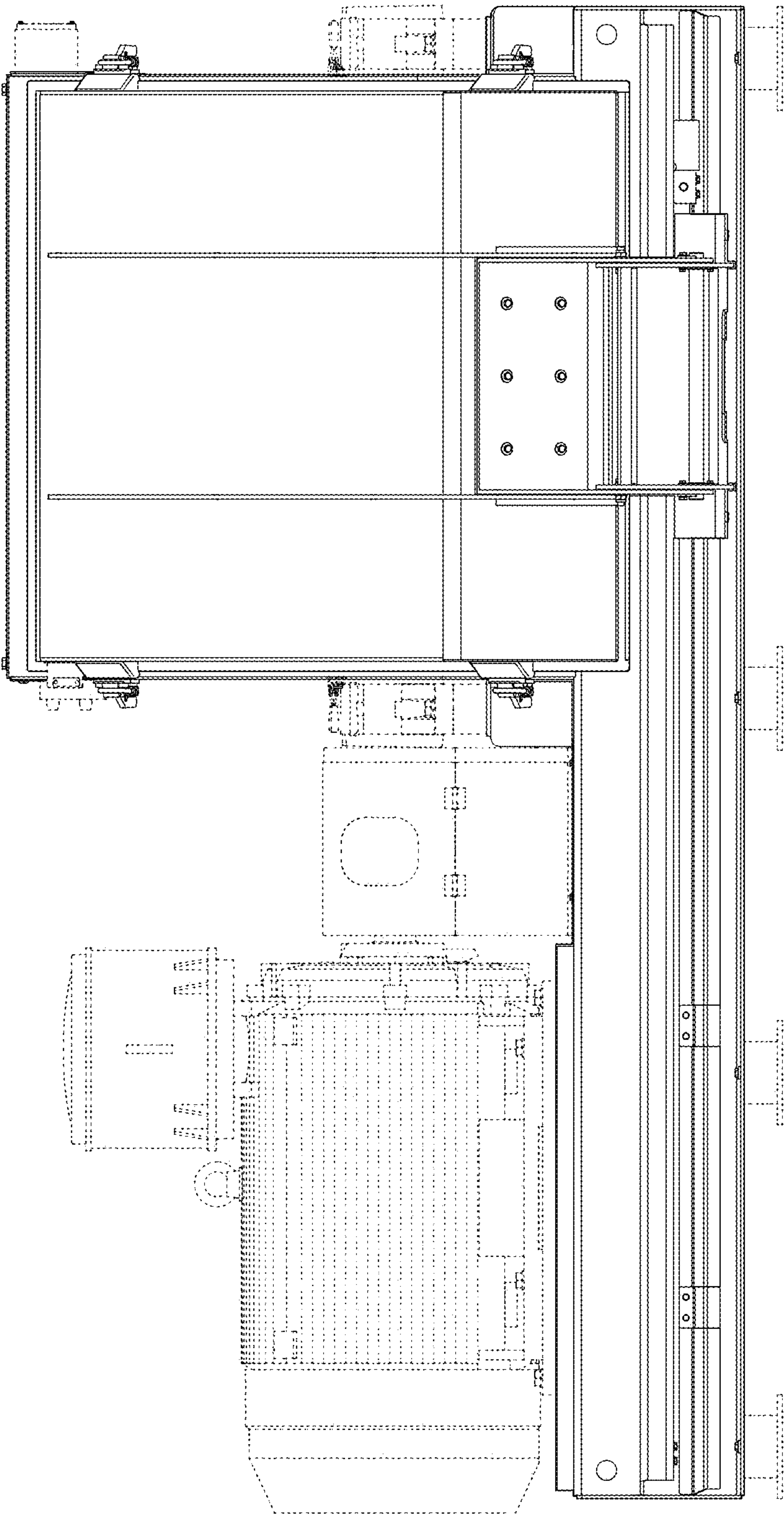
Figs. 2.1 to 2.7 correspond to Figs. 1.1 to 1.7, where the hammer mill is shown in a second configuration in which the shells are open; and

Figs. 3.1 to 3.7 correspond to Figs. 1.1 to 1.7, where the hammer mill is shown in a third configuration, in which the shells are in a shifted, open position.

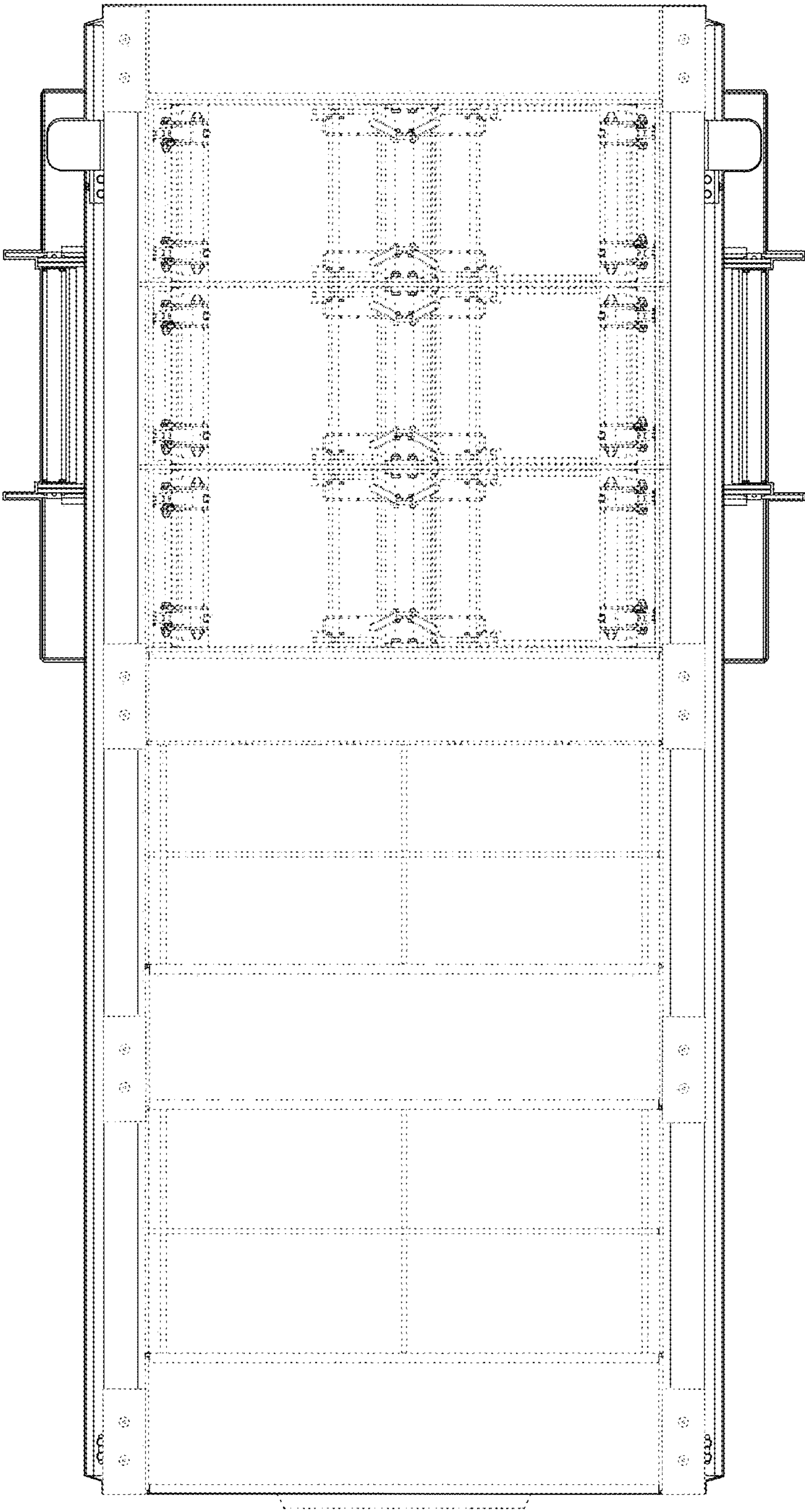
The broken lines represent portions of the hammer mill that form no part of the claimed design.

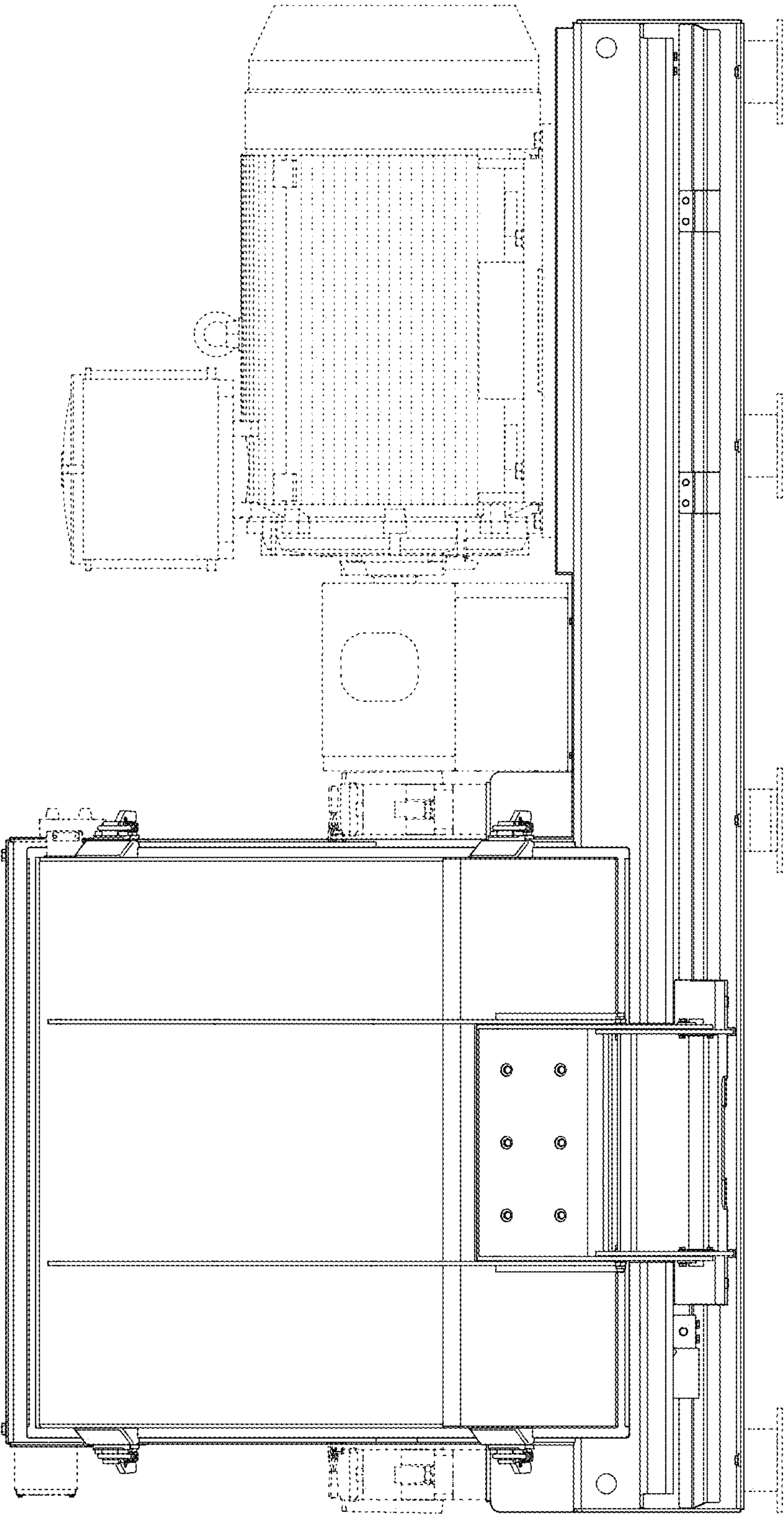
1 Claim, 21 Drawing Sheets



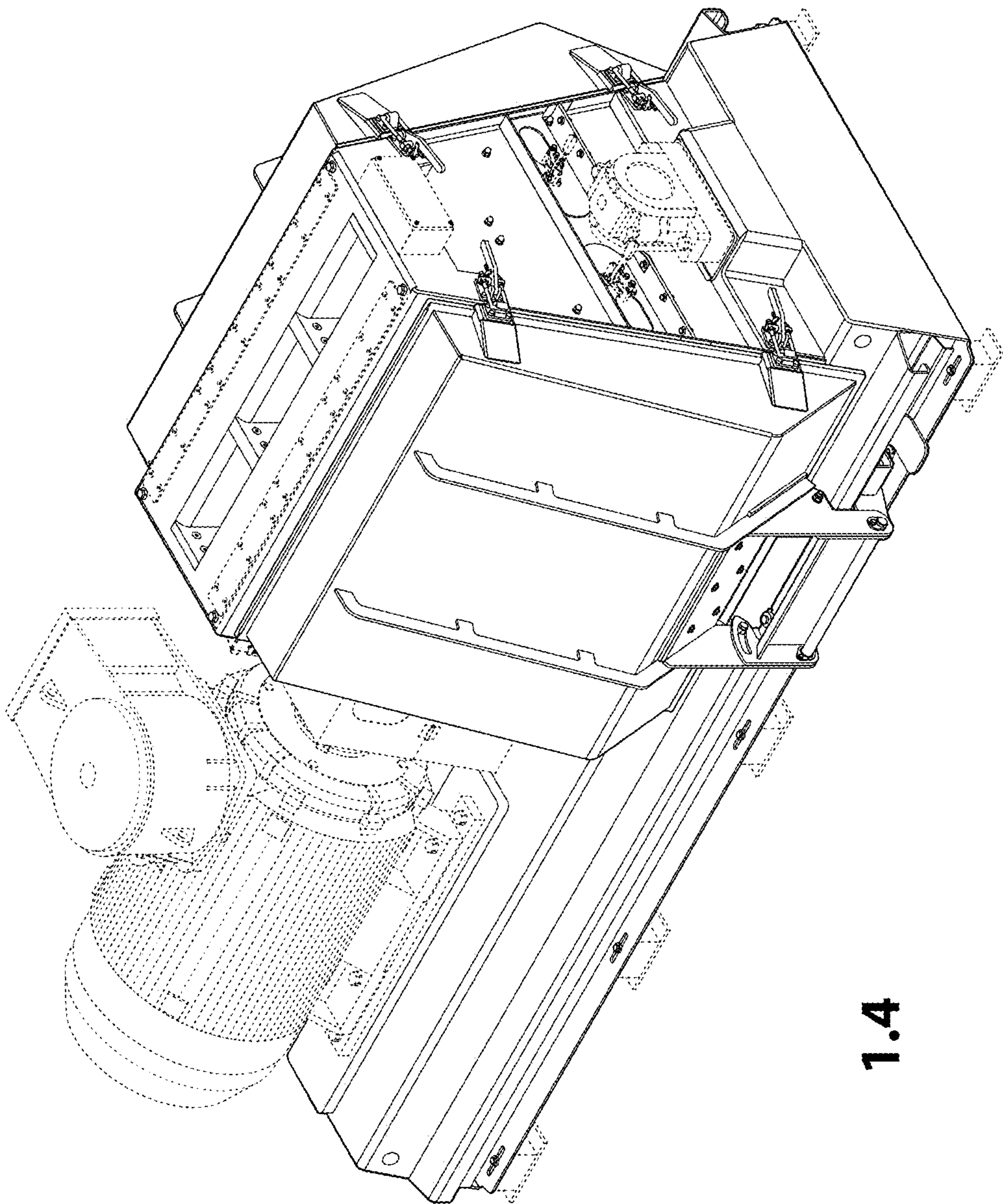


1.1

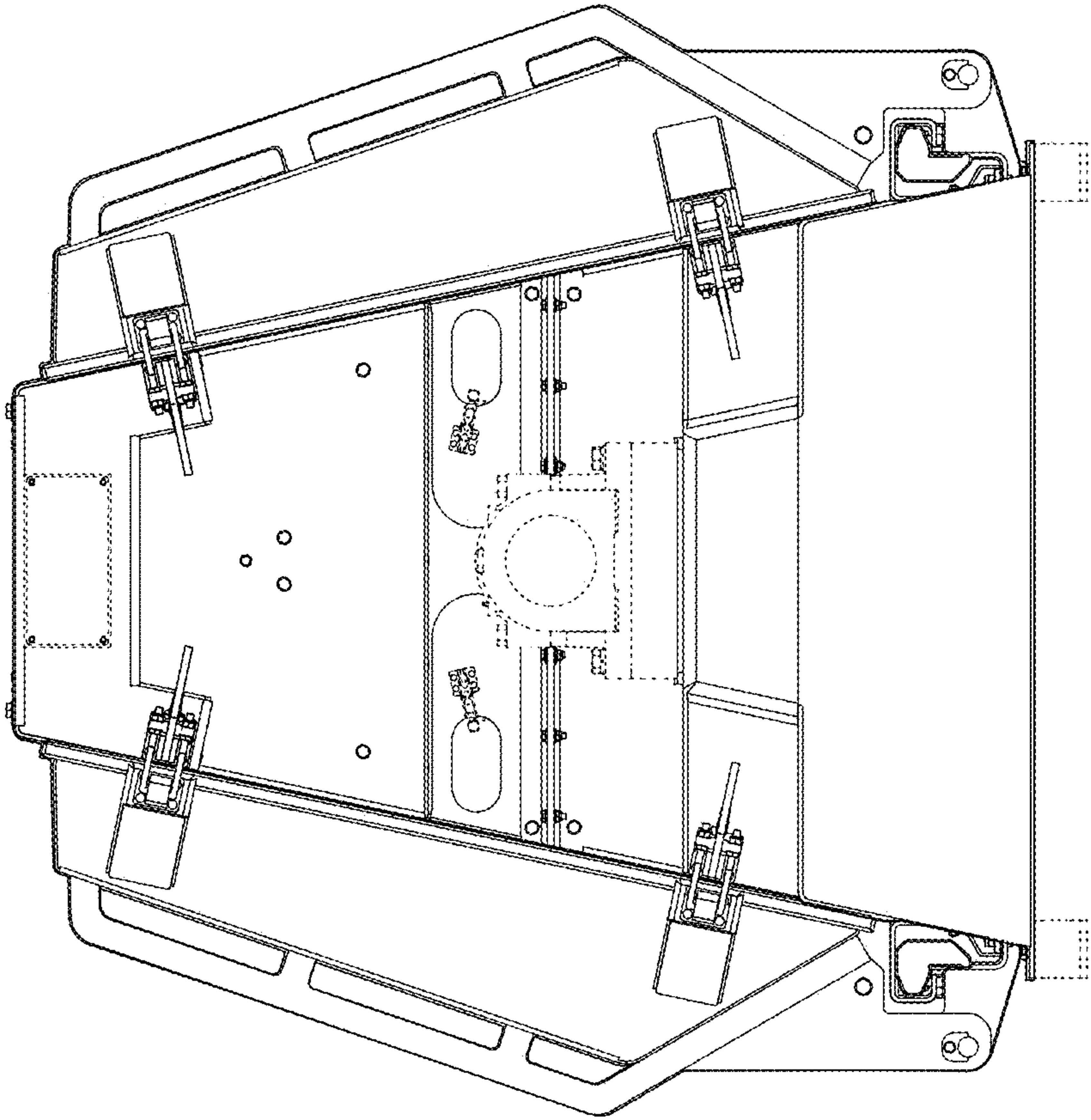




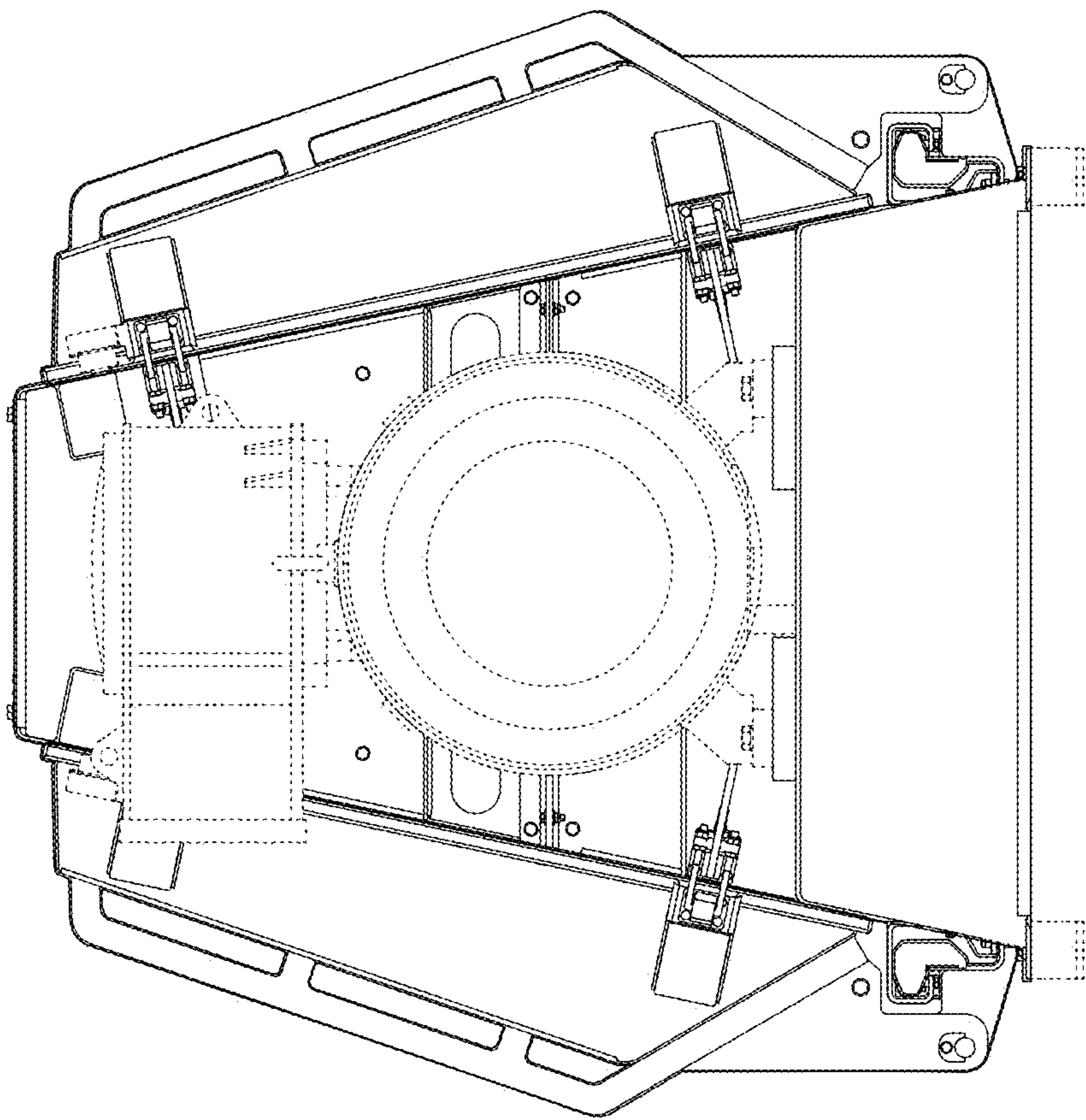
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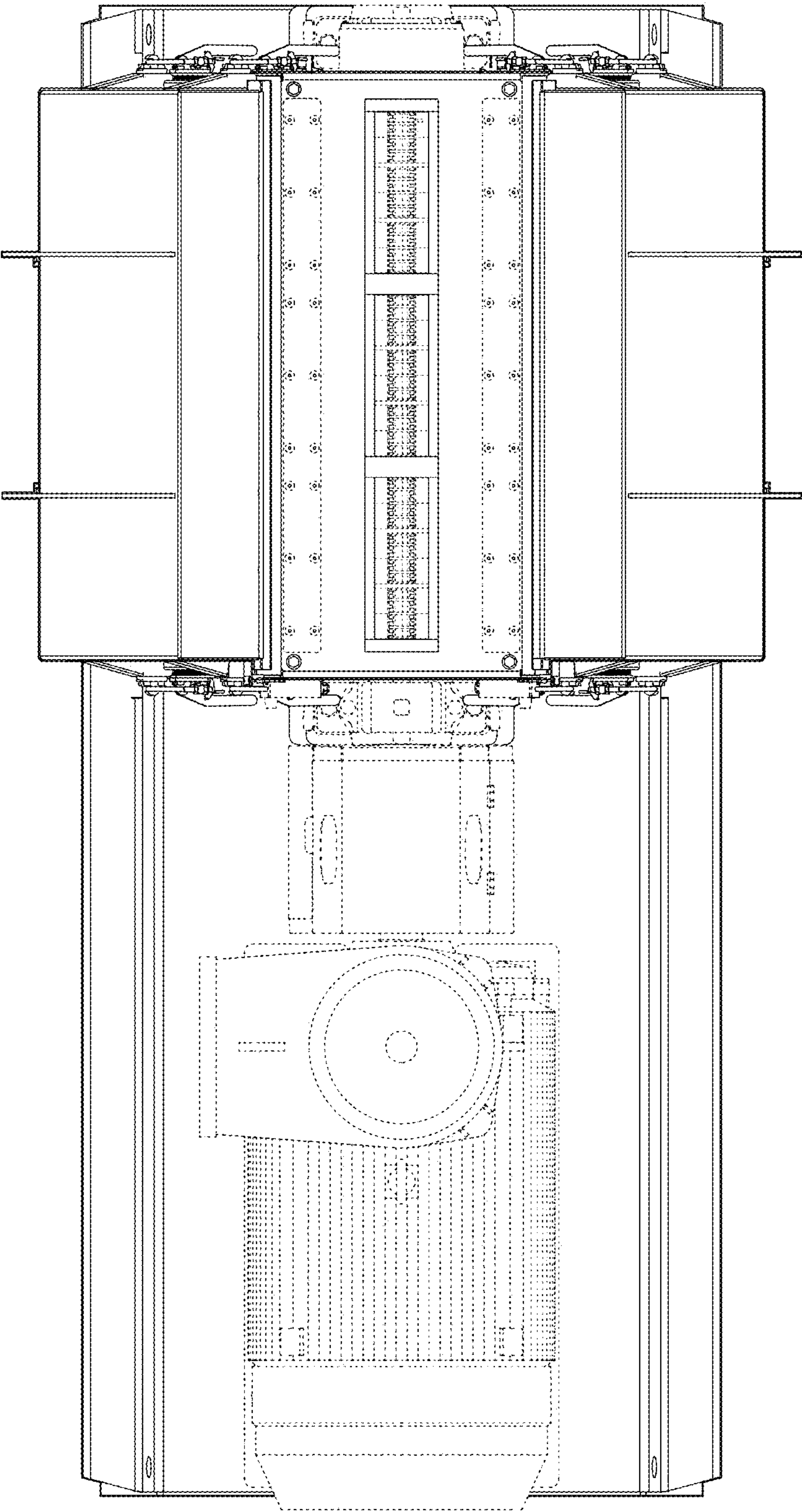
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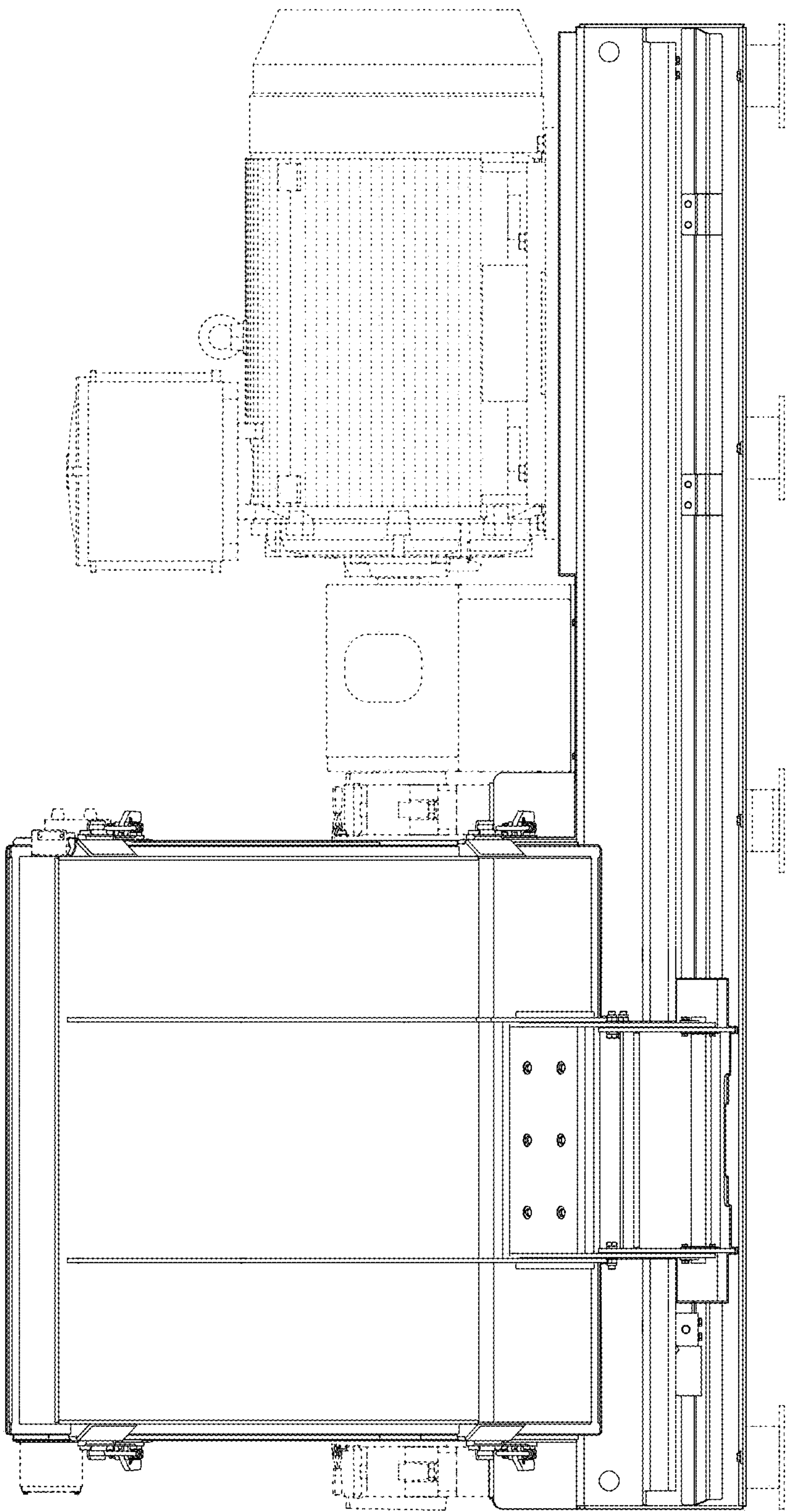


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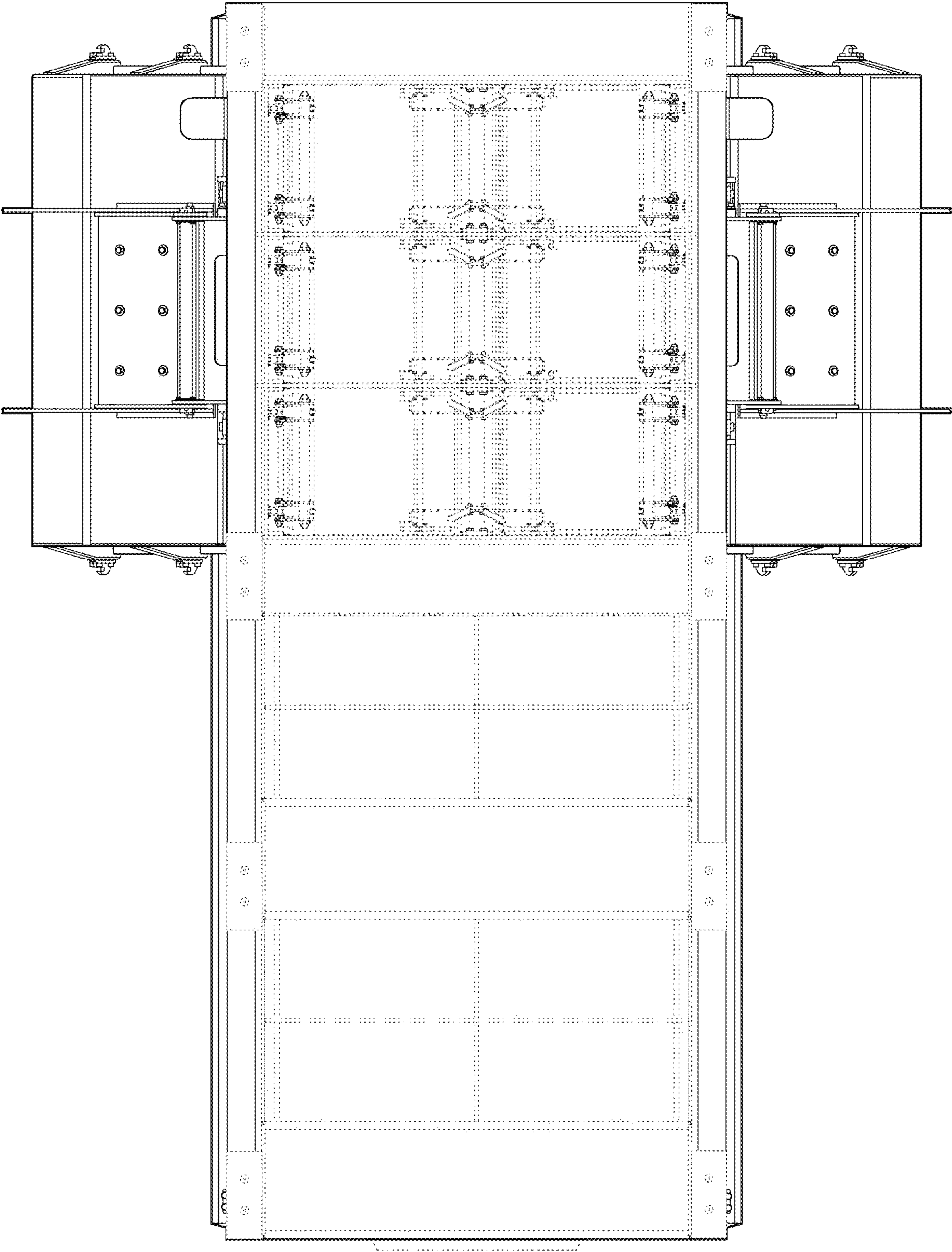


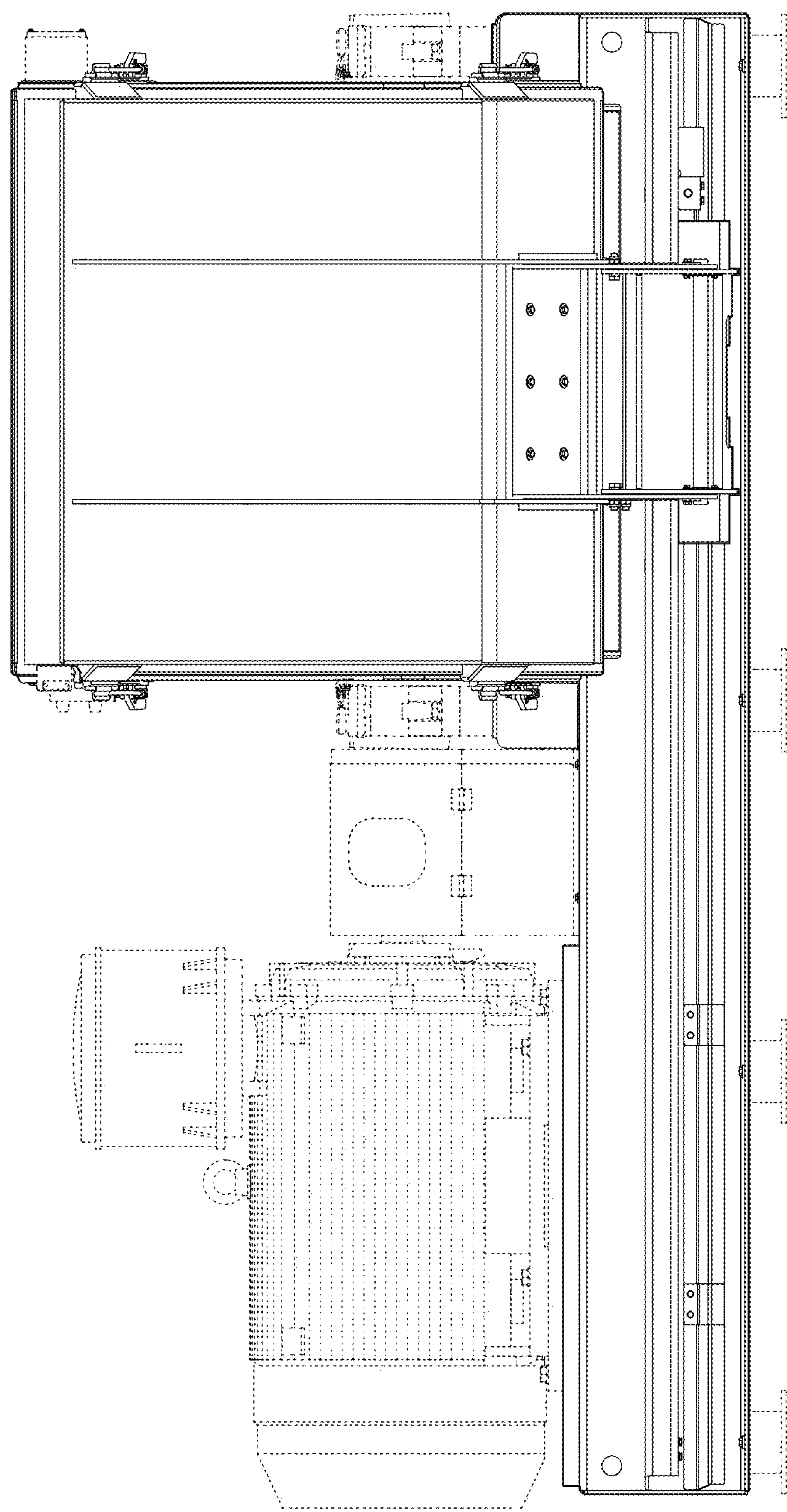
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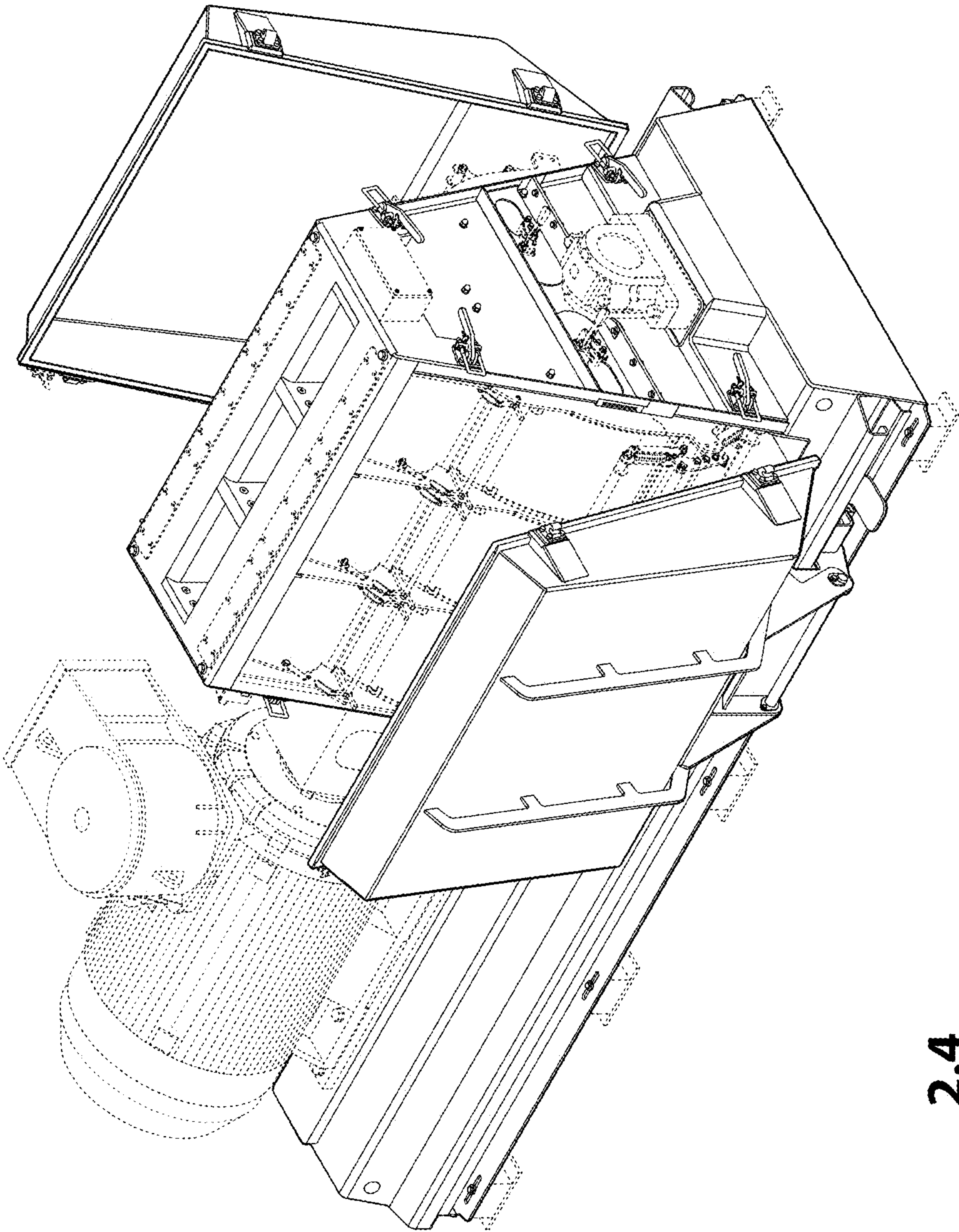


2.1

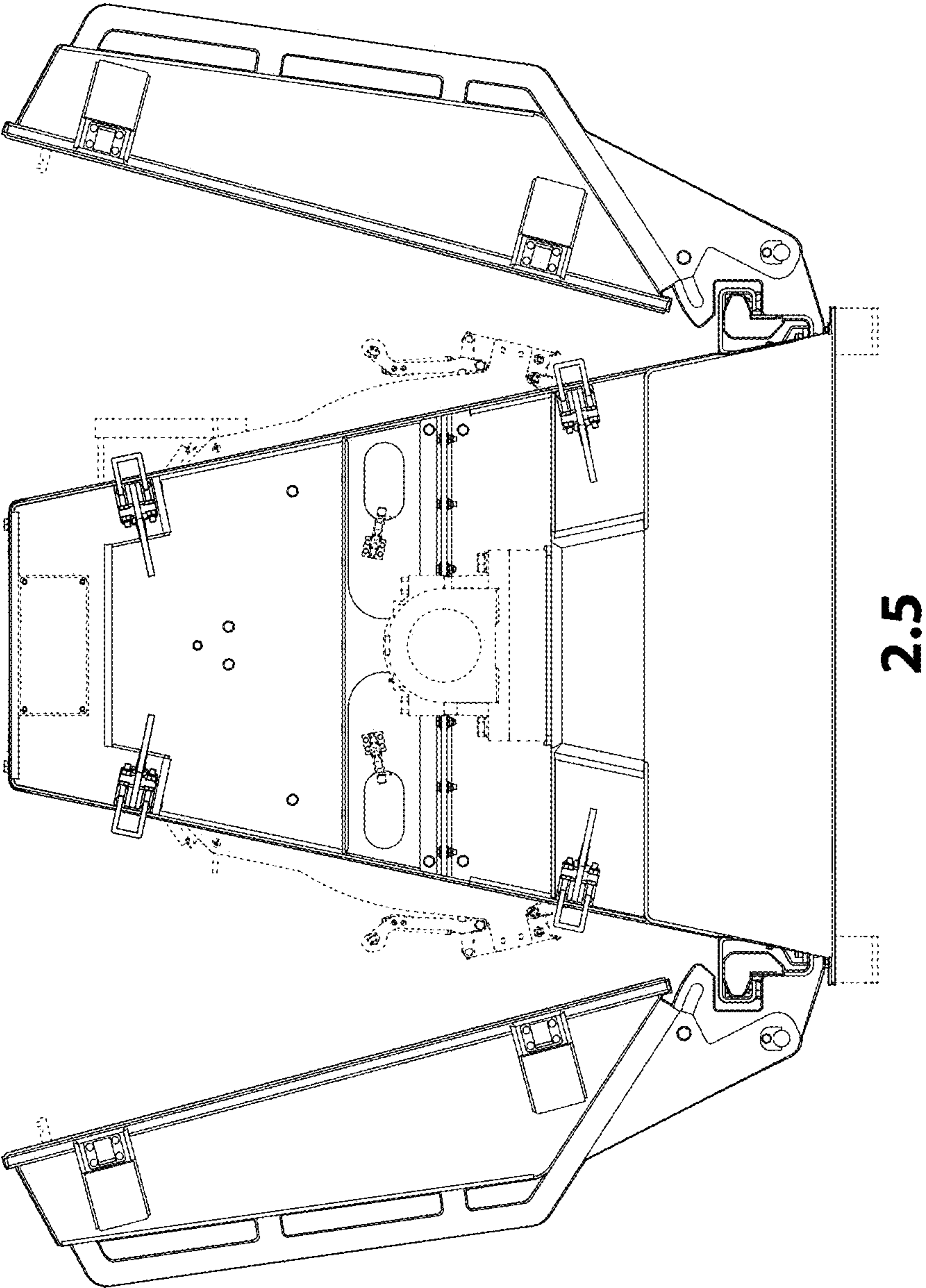


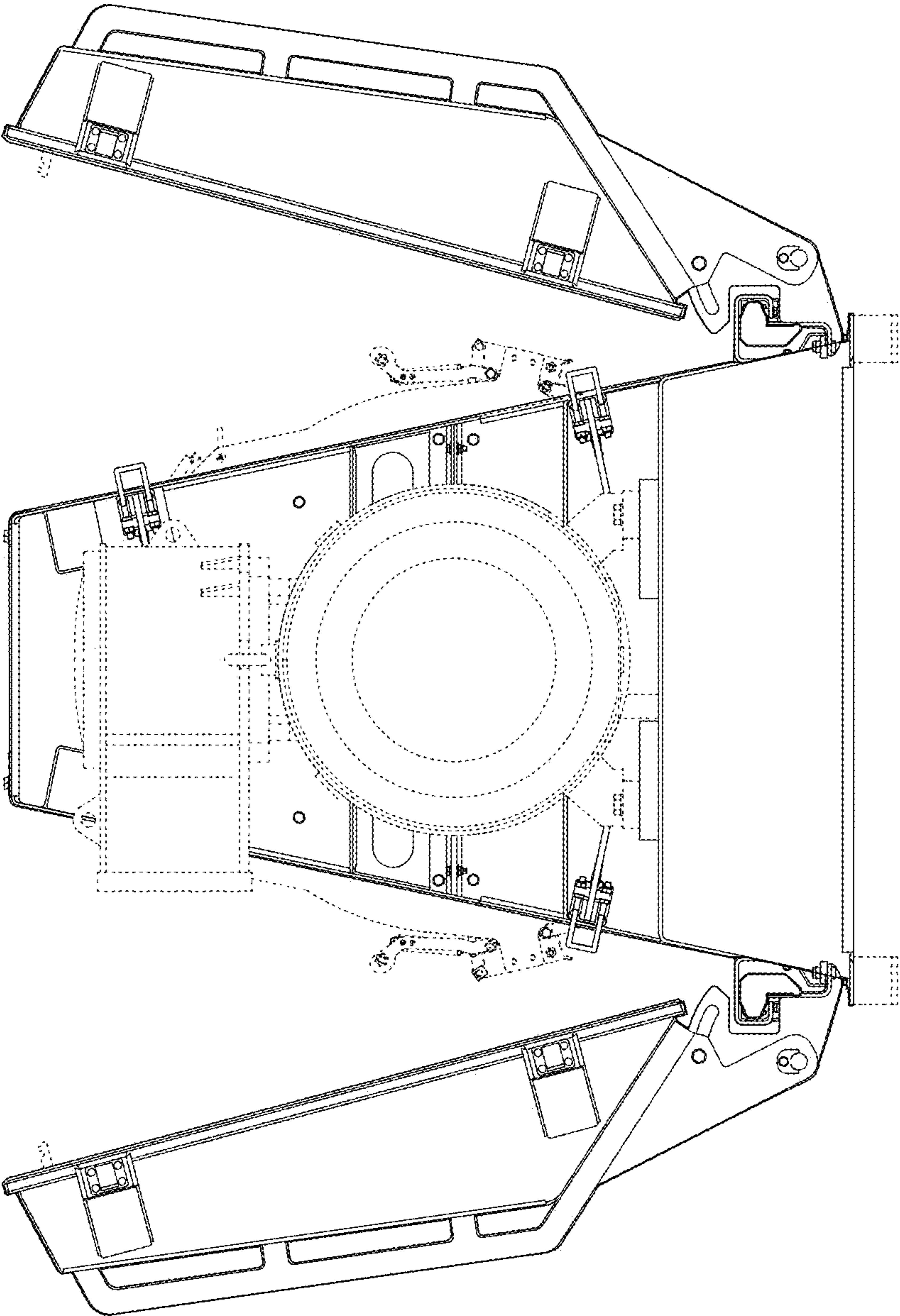


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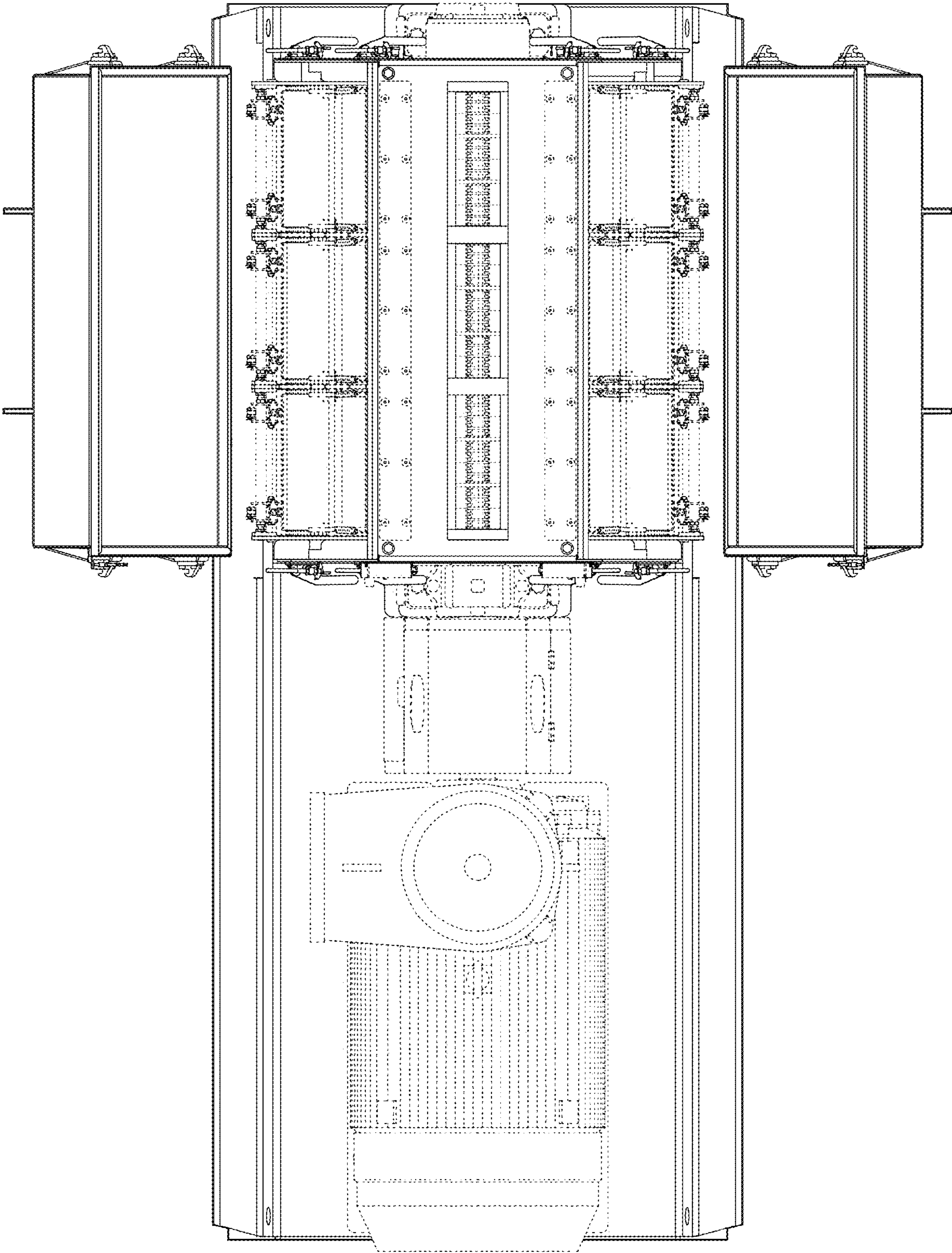


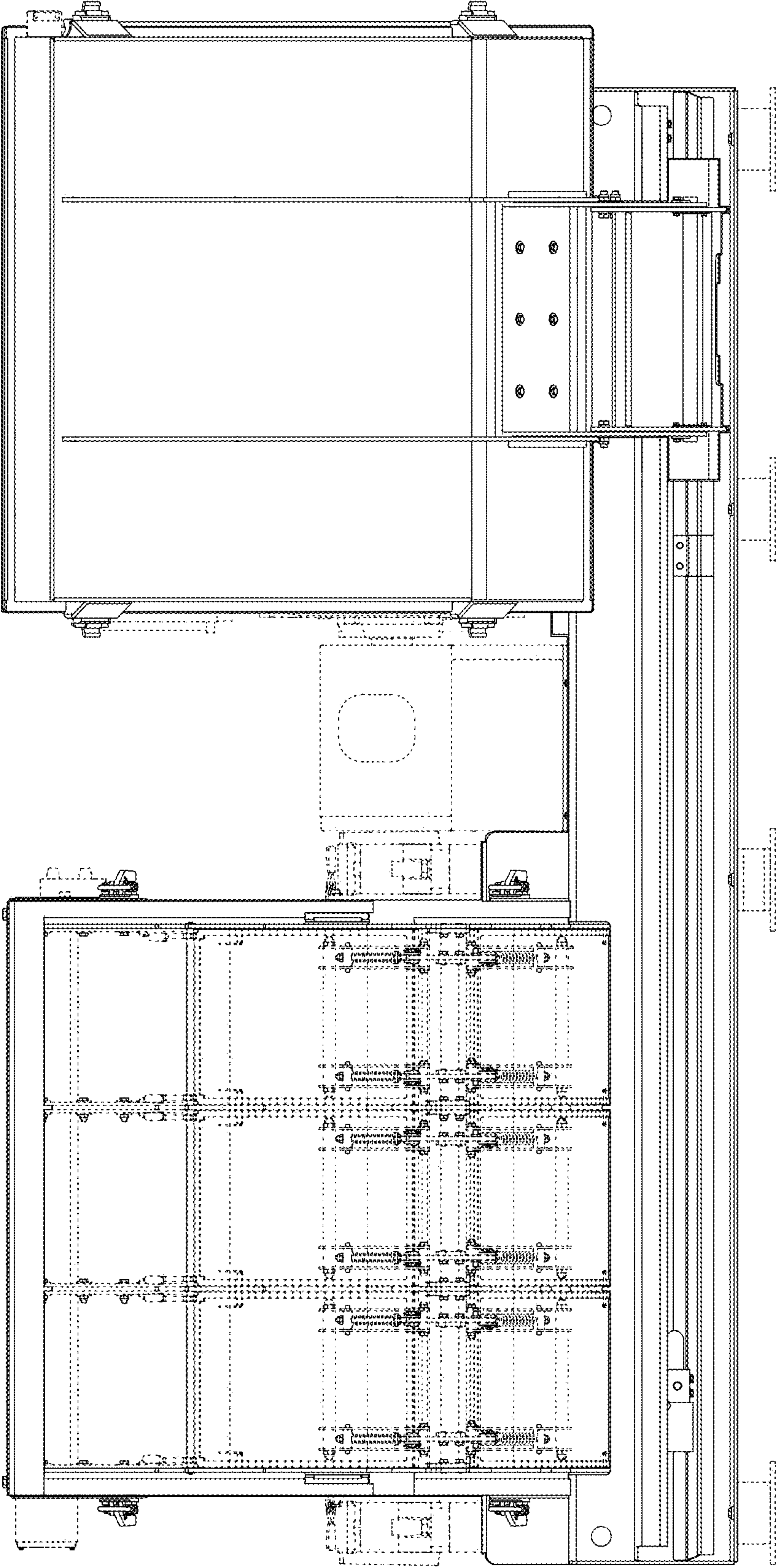
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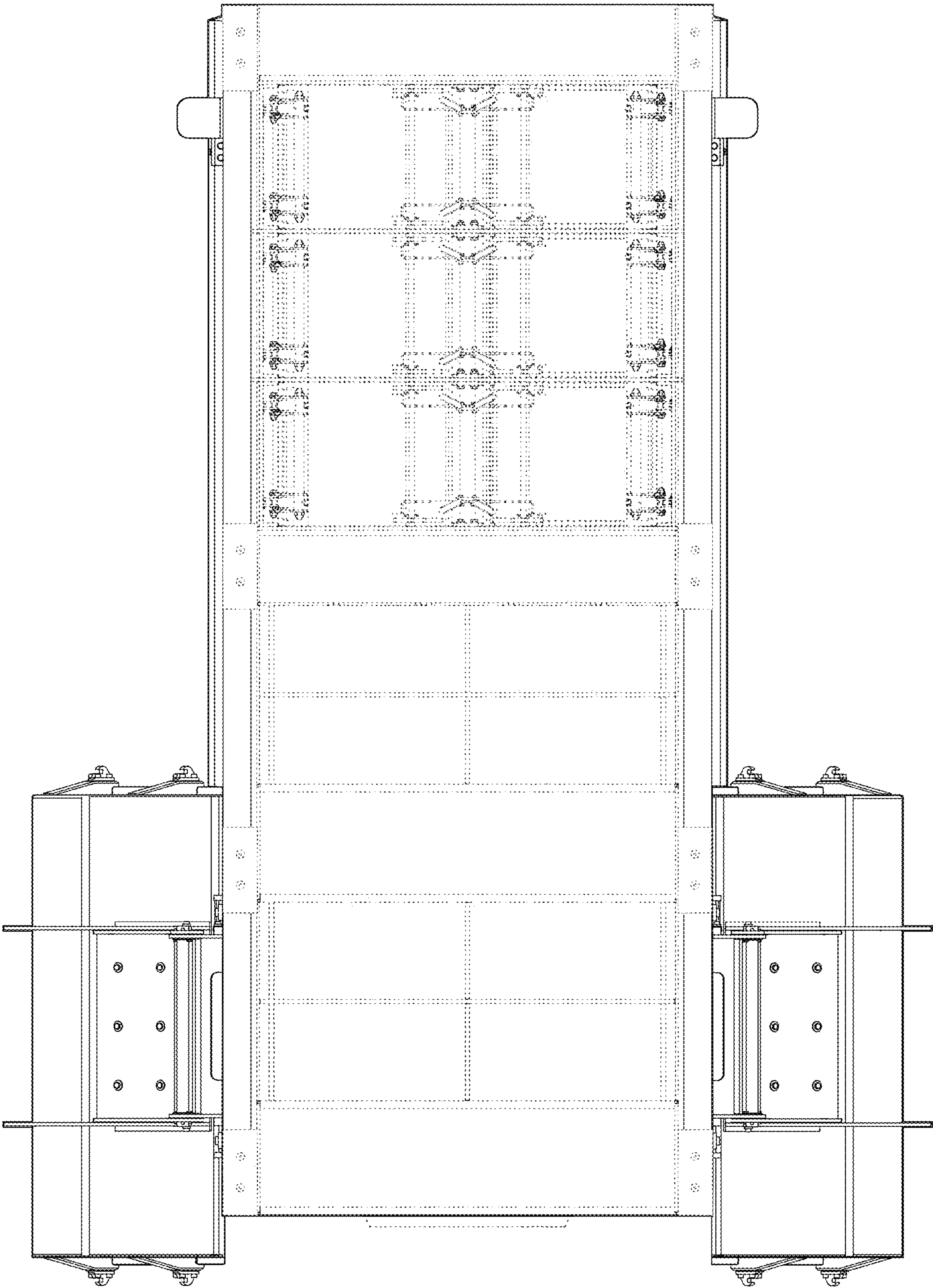


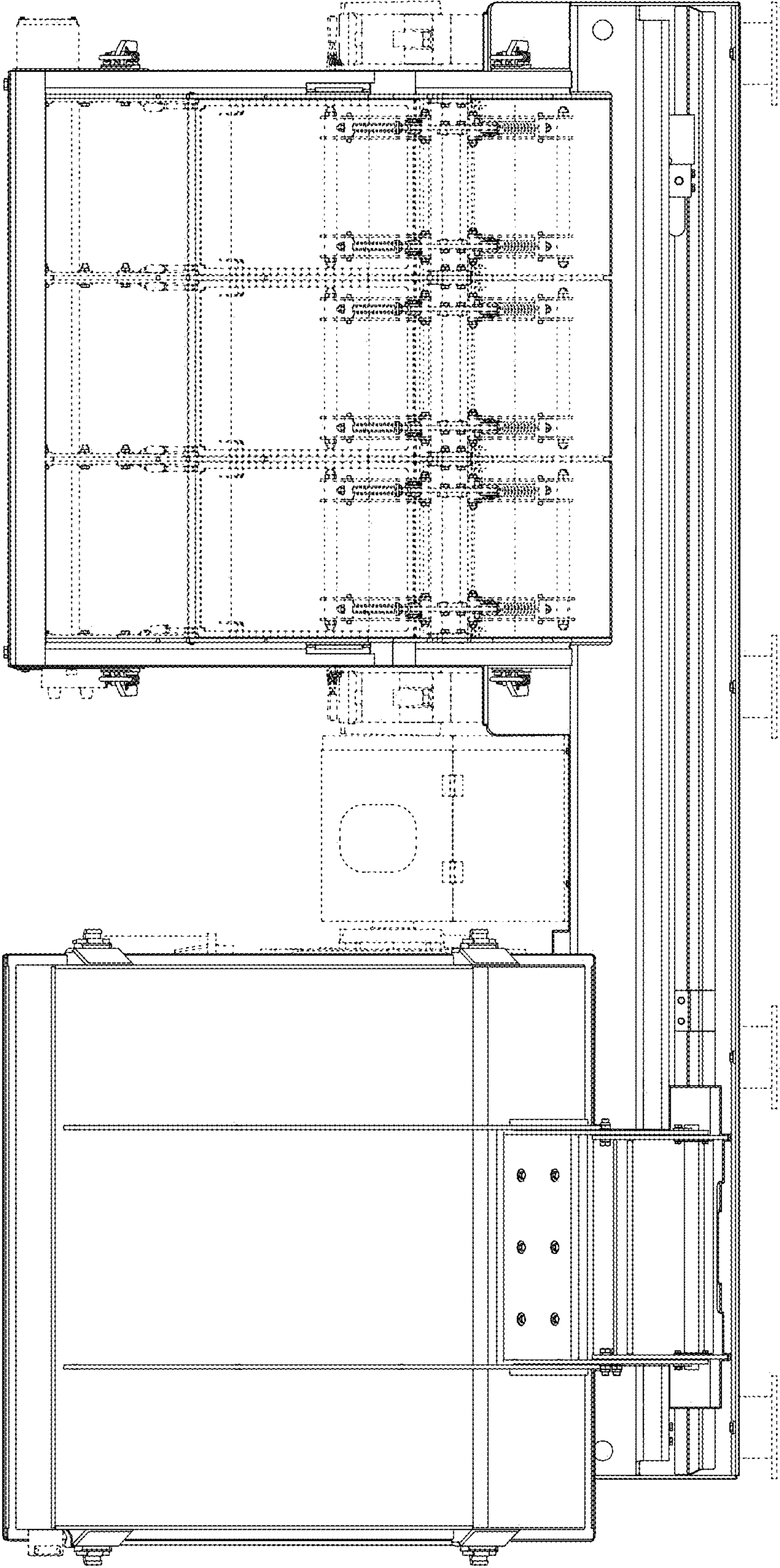
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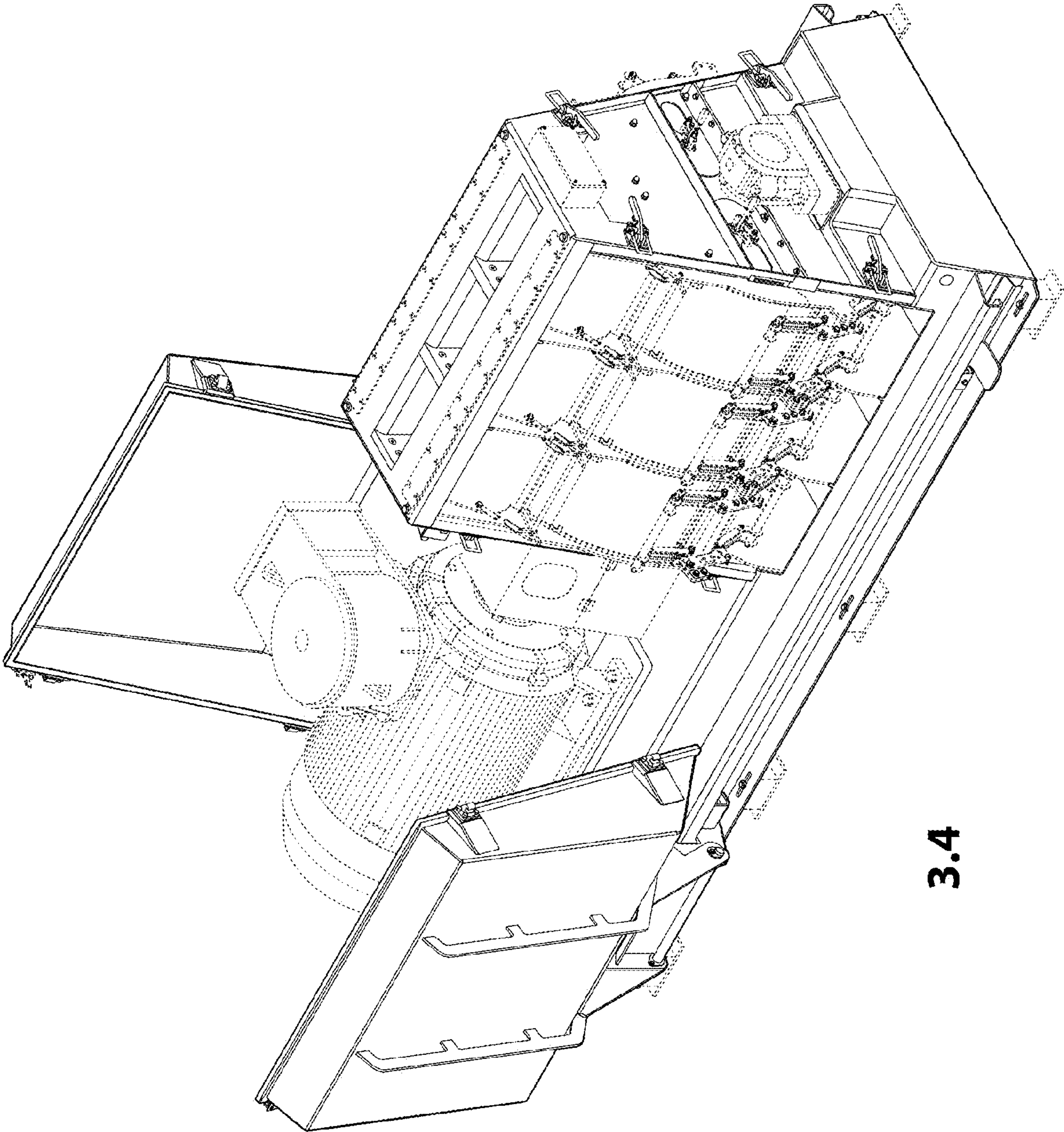


3.1

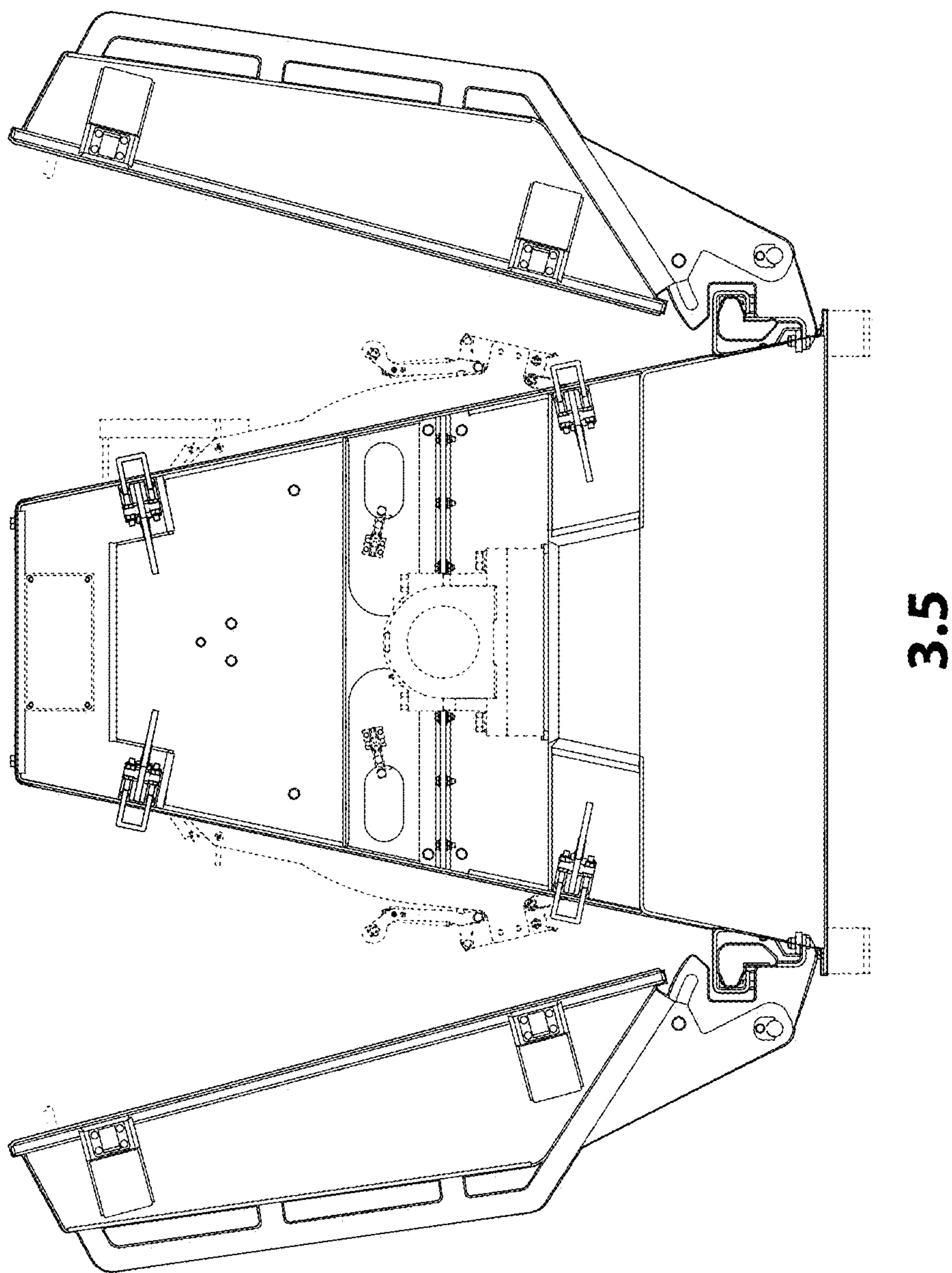


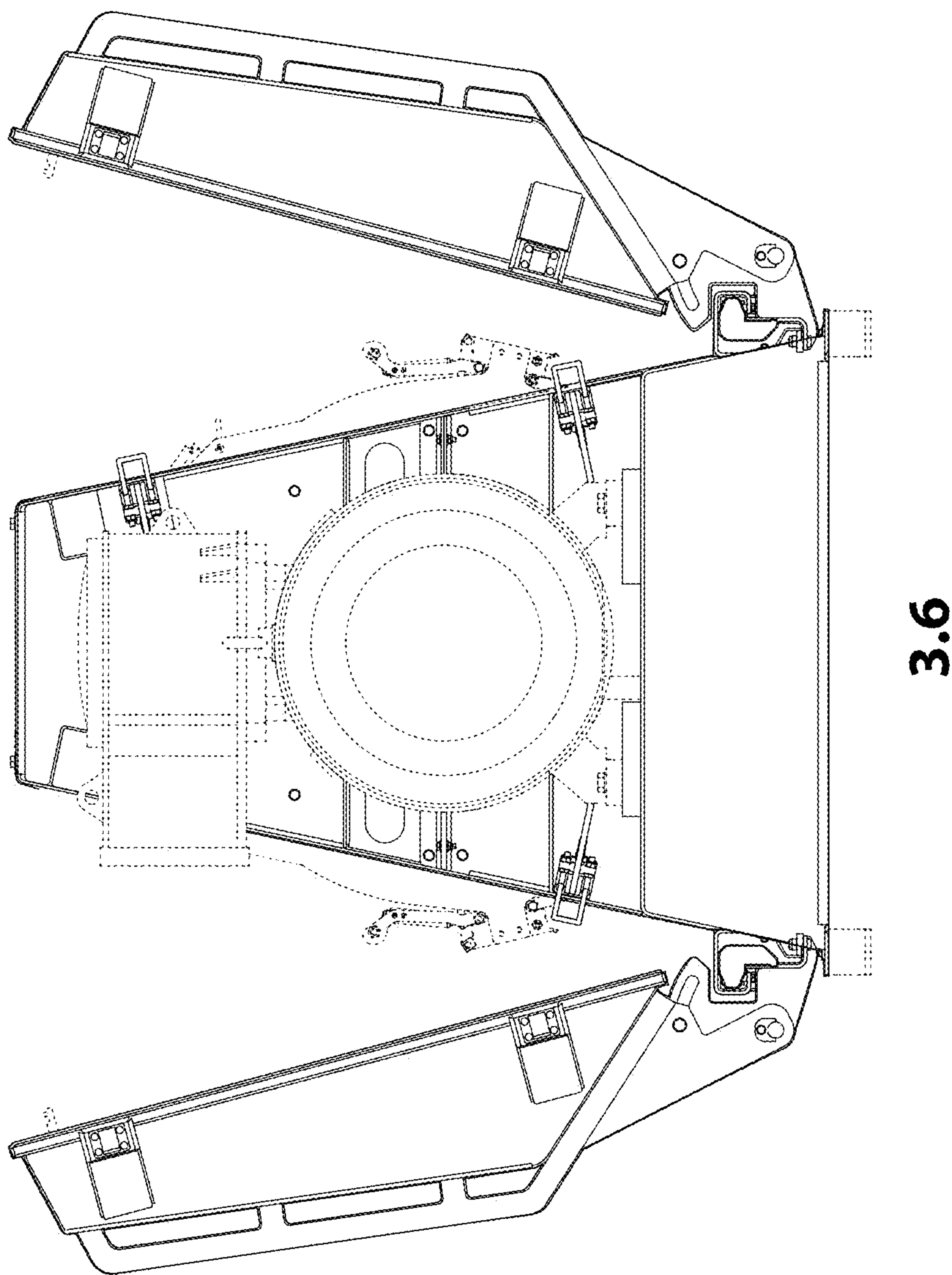


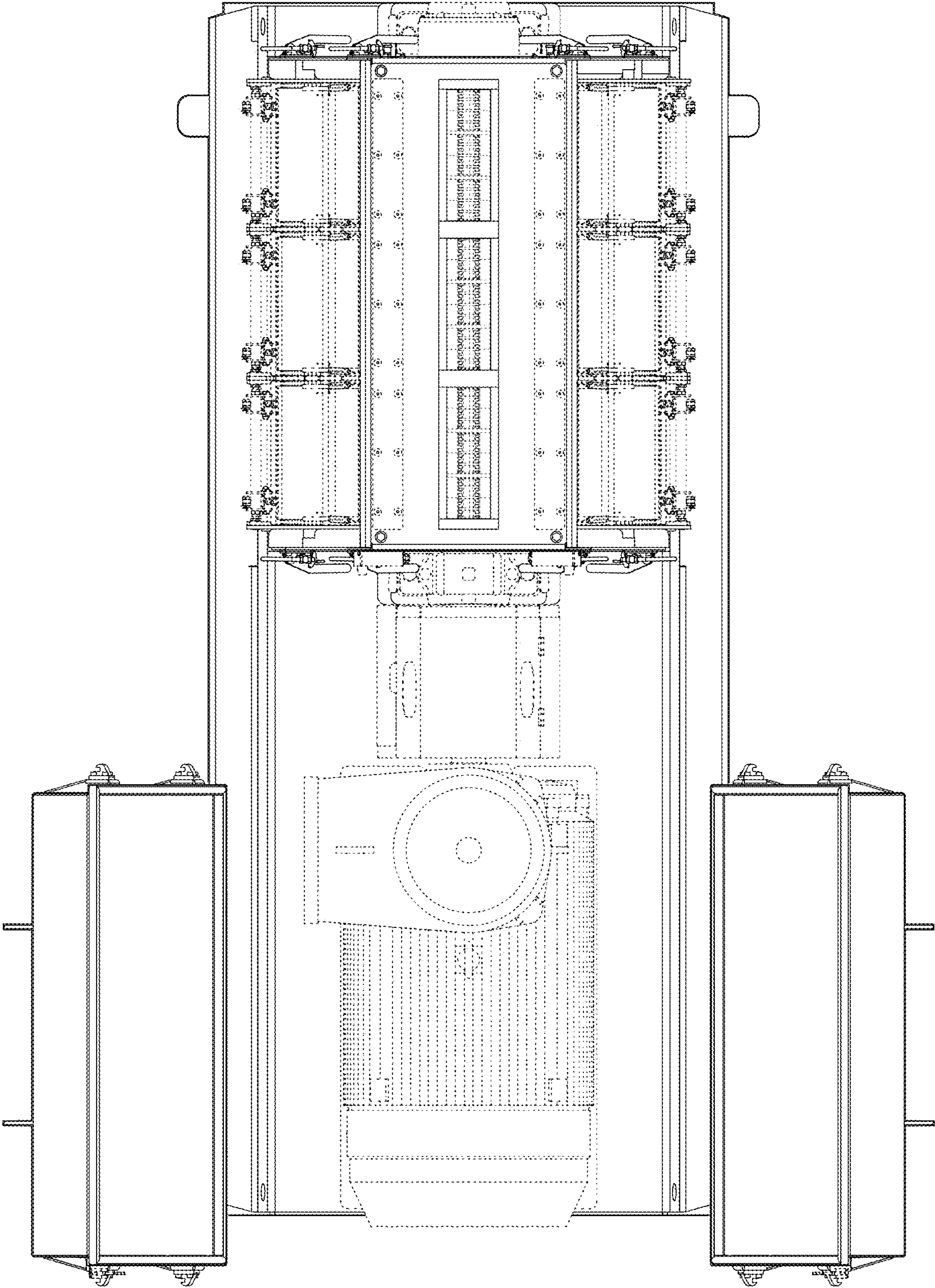
3.3



3.4







3.7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D1,059,441 S
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INVENTOR(S) : Niedermann et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Insert item (30) The foreign priority information:
--(30) Foreign Application Priority Data
Mar. 30, 2022 (EM) 008920359--.

Signed and Sealed this
Eighth Day of April, 2025



Coke Morgan Stewart
Acting Director of the United States Patent and Trademark Office