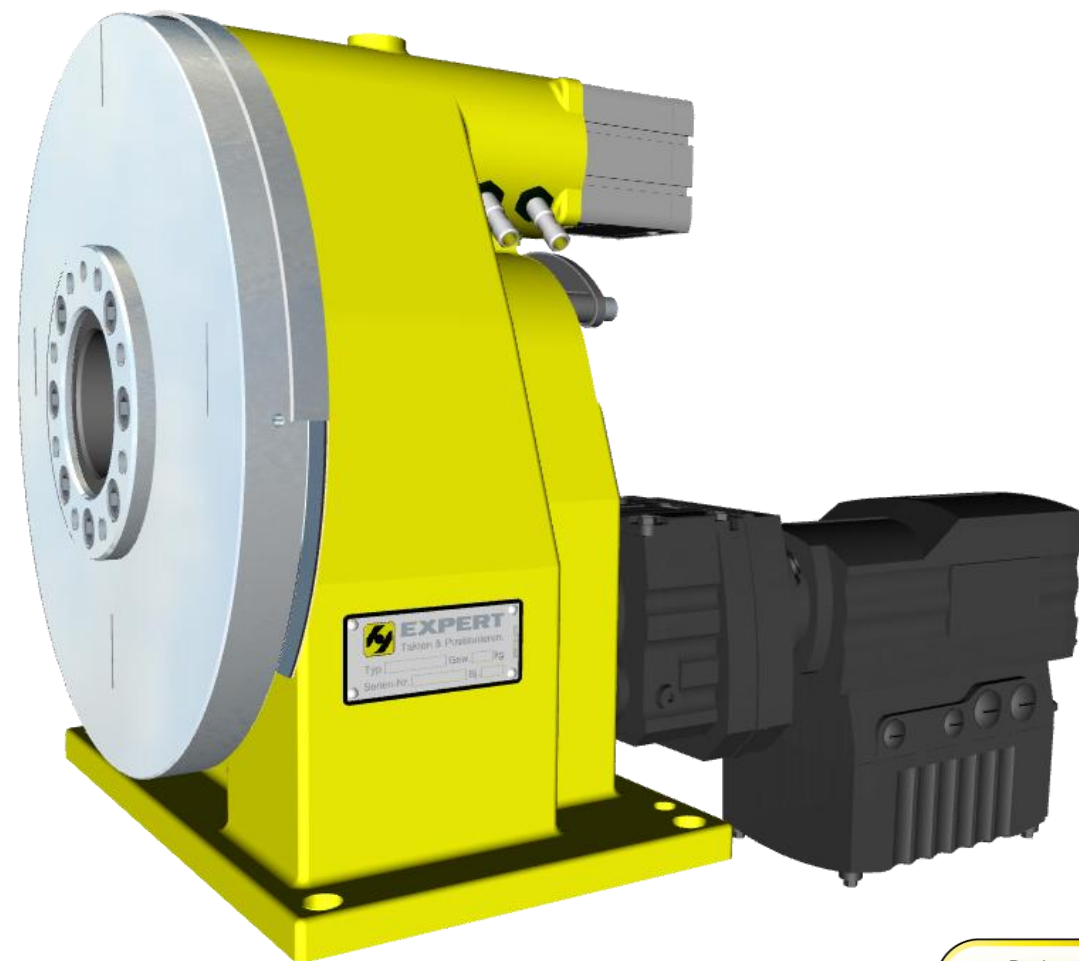


EEW125 GEN-C

EEW | JULY 2024

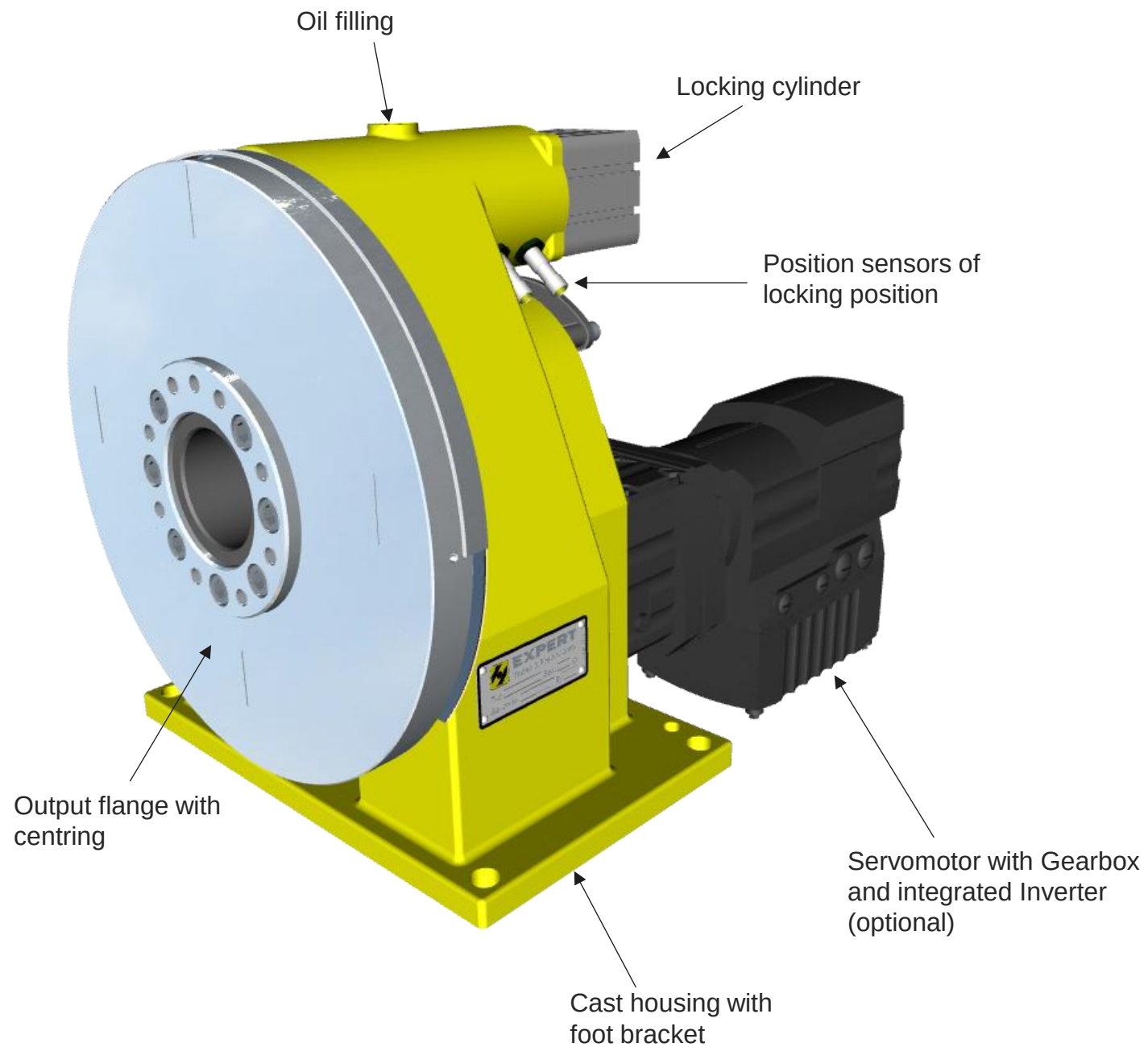


EEW – SERIES

Trunnion with Staking unit

- **EEW-Series – Trunnion with Staking unit**
Highly dynamic trunnion drive with reinforced radial bearings for increased customer loads of up to 750 kg. The external safety locking unit ensures precise positioning and prevents unwanted twisting during the entire machining process.
- **Compact design – more workspace**
The customized design reduces the required installation space to a minimum - ideal as a drive module for flexible underbody clamping technology in body in white.
- **High Static Load Rigidity – No Extra Locking Device**
Allows high static loads in the locked working position.
The patented internal locking-mechanism absorbs all forces – no additional device needed!
- **Low Cycle Times – High Dynamics**

General features



General features

EXPERT Unit

Drive Motor
Control (optional)
Turningtime
Accuracy
FZ max.
max. allowed tilting moment
Max. allowed static
Tangential torque
Hollow shaft diameter
Number of geometry recordings

EEW 125

CM3C - Servo drive
integrated Movimot Advance Gen. C
90°~ 1,6 s 270°~ 3,8 s
+/- 0.025 mm on R = 140 mm
7500 N
3450 Nm

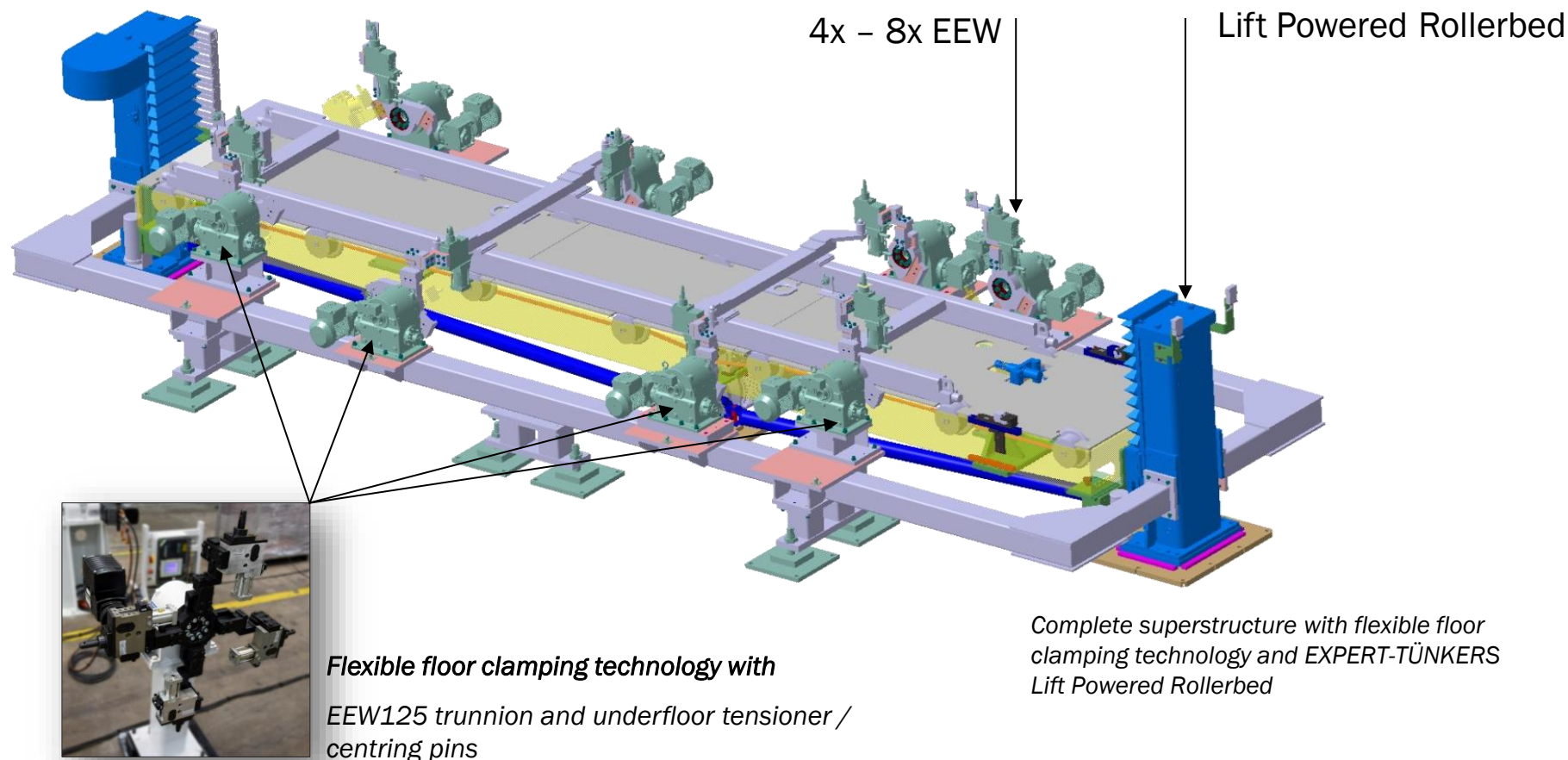
2700 Nm
55mm
2 - 4

Application Example „Windmill“



EEW-Trunnion as a drive module for flexible underbody clamping technology.

Fine positioning of up to four geometry recordings (RPS points) for e.g. four different vehicle models.



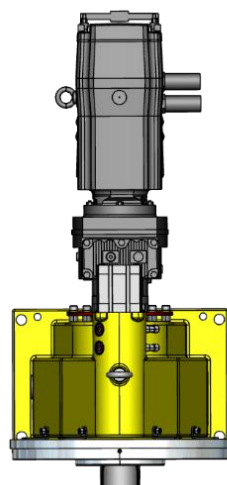
Installation variant

Available in various installation variants, with the same trunnion

Gear modul: straight or angled

Terminal box: rotatable in 90° steps

The standard installation variants currently used are listed below:

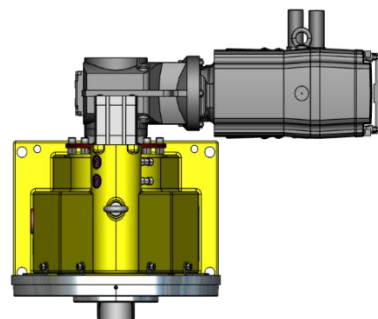


Standard A

Art.Nr. 1432035

Model A11546

RZ37 CM3C80S-
P/BZ/HR/DI/DFC/PK/A
Z2Z/ IV/BW1

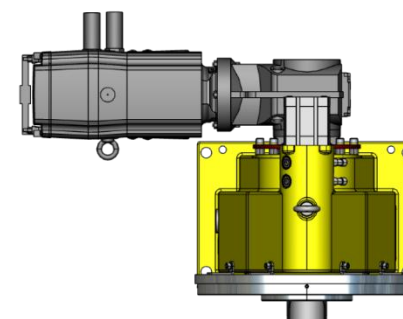


Variant B

Art.Nr. 1432038

Model A11548

KZ37 CM3C80S-
P/BZ/HR/DI/DFC/PK/A
Z2Z/ IV/BW1

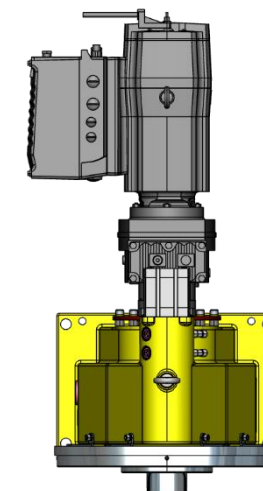


Variant C

Art.Nr. 1432040

Model A11549

KZ37 CM3C80S-
P/BZ/HR/DI/DFC/PK/A
Z2Z/ IV/BW1



Variant D

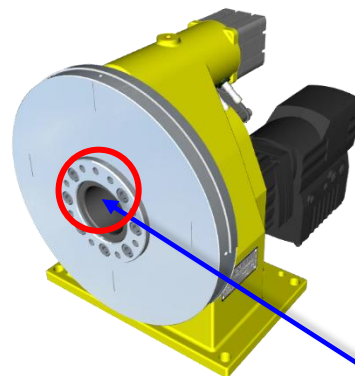
Art.Nr. 1432037

Model A11547

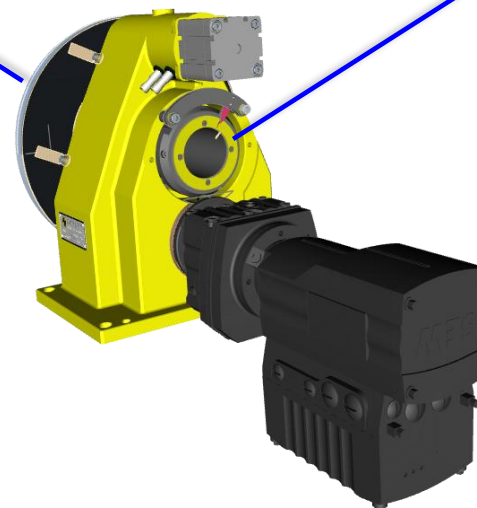
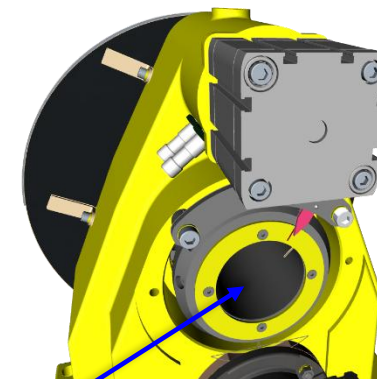
RZ37 CM3C80S-
P/BZ/HR/DI/DFC/PK/A
Z2Z/ IV/BW1

Referencing and position display

Visual zero position indicator for each position,
when pin is in "12 o'clock"



Nonius for referencing
in 30° position Output drive



Decentralised installation concept

New drive concept with
SEW Movimot Advance
(Gen. C) No external
MoviFit required

→ More favourable
overall concept

EGV Rev. A (Old Version)

4 x



4 x



**CMPZ
DRIVE**

4 x



**MOVIDRIVE /
MOVIPRO**

4 x



**SPS
INPUT**

EGV Rev. B (Old Version)

4 x

Max. 8 Stk.



4 x



**DRC
DRIVE**

1 x



**MOVIFIT
FDC-SNI**

1 x



**SPS
INPUT**

EEW Rev. C (Updated Version)

4 x



4 x



**CM3C Motor
Movimot Advance Gen. C**

0 x

1 x

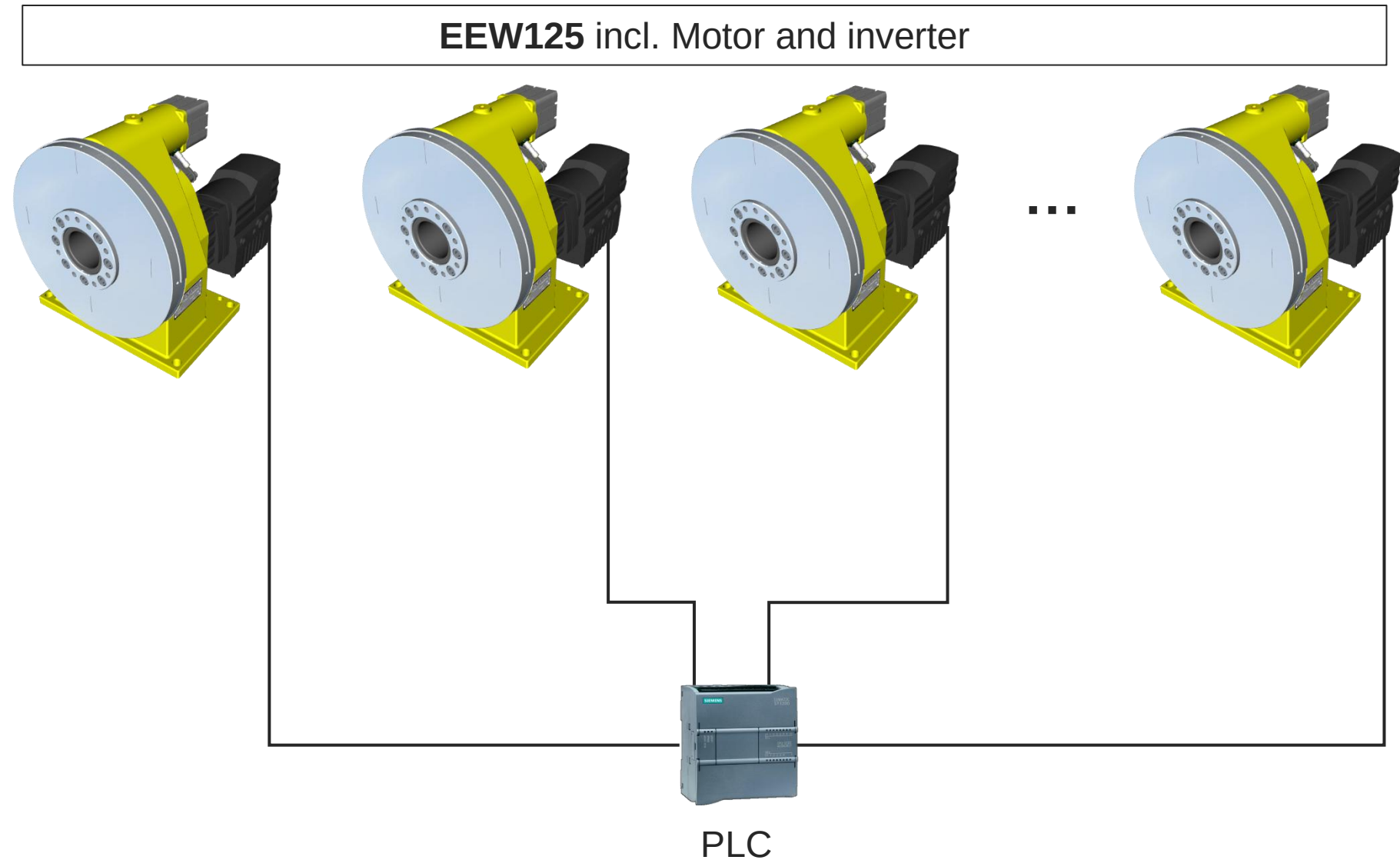


**SPS
INPUT**

Decentralised installation concept

New drive concept with SEW Movimot Advance (Gen. C) No external MoviFit required

→ More favourable overall concept



Thank you for your
attention.

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