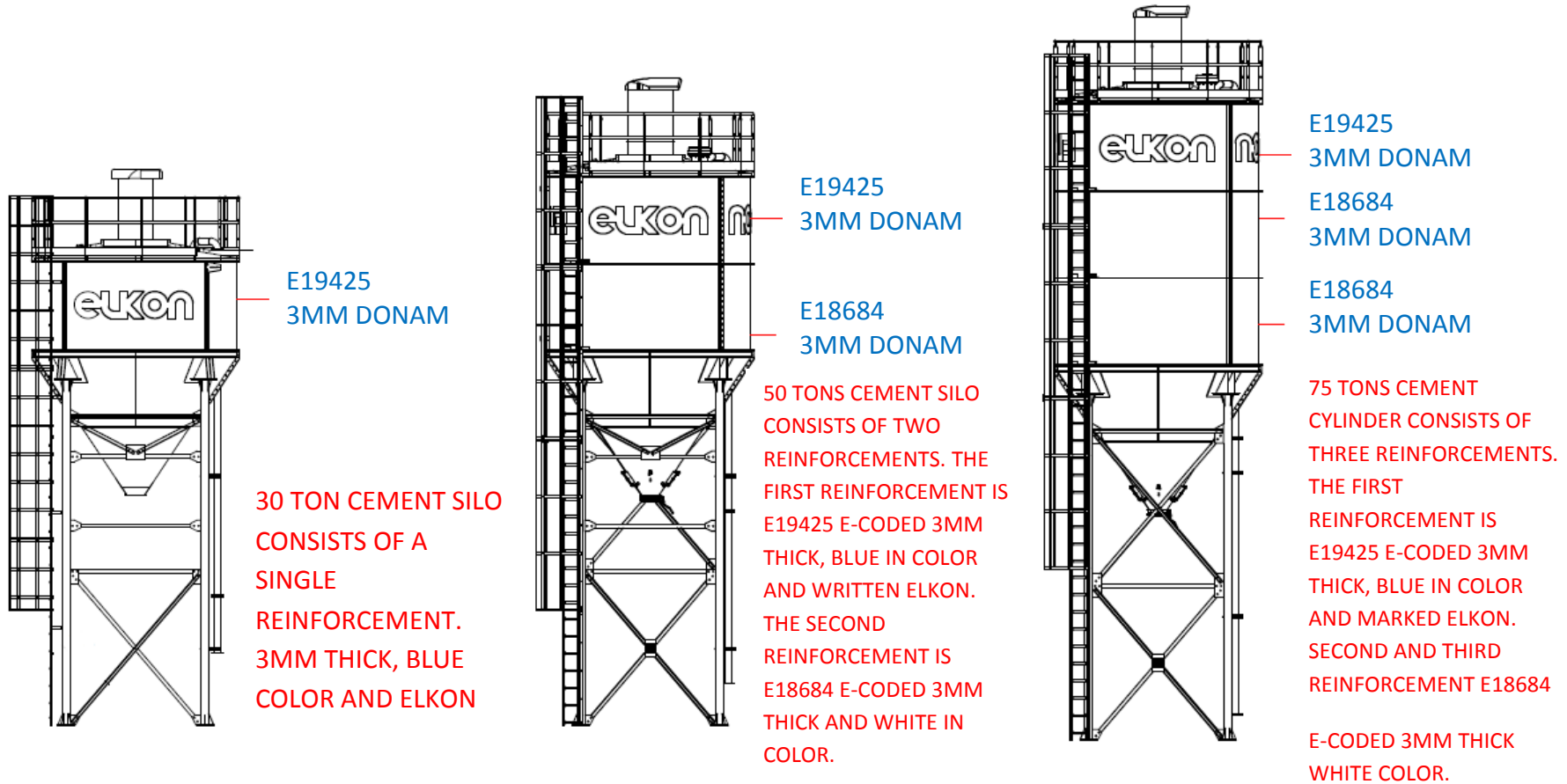


30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

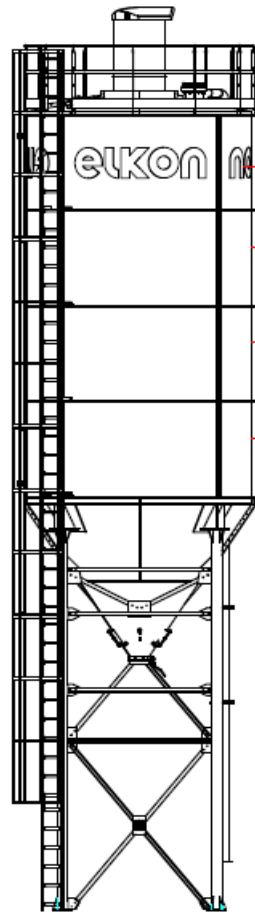
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

elkon

TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



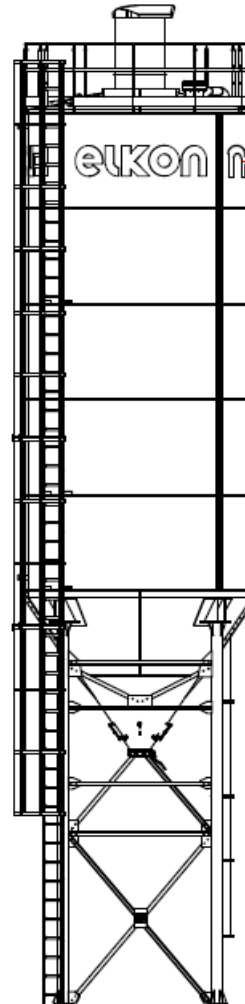
E19425
3MM DONAM

E18684
3MM DONAM

E18684
3MM DONAM

E18685
4MM DONAM

90 TONS CEMENT CYLINDER CONSISTS OF FOUR REINFORCEMENTS. THE FIRST REINFORCEMENT IS E19425 E-CODED 3MM THICK, BLUE IN COLOR AND WRITTEN ELKON. THE SECOND AND THIRD REINFORCEMENT IS E18684 E-CODED 3MM THICK, WHITE IN COLOR. FOURTH REINFORCEMENT E18685 E-



E19425
3MM DONAM

E18684
3MM DONAM

E18684
3MM DONAM

E18684
3MM DONAM

E18685
4MM DONAM

100 TONS CEMENT CYLINDER CONSISTS OF FIVE REINFORCEMENTS. THE FIRST REINFORCEMENT IS E19425 E-CODED 3MM THICK, BLUE IN COLOR AND WRITTEN ELKON. THE SECOND, THIRD AND FOURTH REINFORCEMENT IS E18684 E-CODED 3MM THICK, WHITE IN COLOR. THE FIFTH REINFORCEMENT IS WHITE IN 4MM THICKNESS WITH E-CODE F18685.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

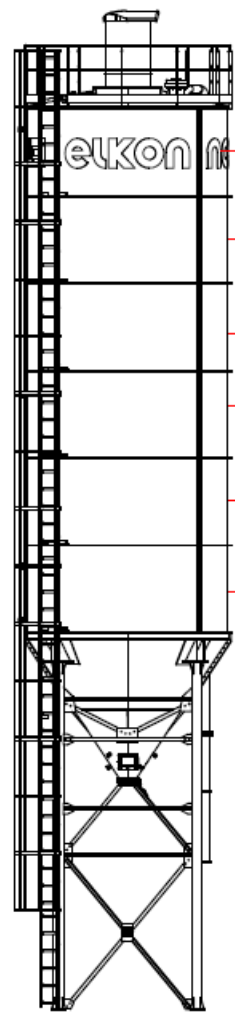
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

elkon

TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



E19425
3MM DONAM

E18684
3MM DONAM

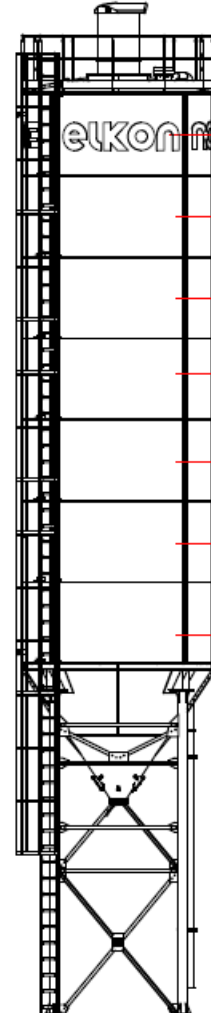
E18684
3MM DONAM

E18684
3MM DONAM

E18685
3MM DONAM

E18685
3MM DONAM

125 TONS CEMENT CYLINDER CONSISTS OF SIX REINFORCEMENTS. THE FIRST REINFORCEMENT IS E19425 E-CODED 3MM THICK, BLUE IN COLOR AND WRITTEN ELKON. THE SECOND, THIRD AND FOURTH REINFORCEMENT IS E18684 E-CODED 3MM THICK, WHITE IN COLOR. FIFTH AND SIXTH



E19425
3MM DONAM

E18684
3MM DONAM

E18684
3MM DONAM

E18684
3MM DONAM

E18684
3MM DONAM

E18685
3MM DONAM

E18685
3MM DONAM

150 TONS OF CEMENT CYLINDER CONSISTS OF SIX REINFORCEMENTS. THE FIRST REINFORCEMENT IS E19425 E-CODED 3MM THICK, BLUE IN COLOR AND WRITTEN ELKON. THE SECOND, THIRD, FOURTH AND FIFTH REINFORCEMENT IS E18684 E-CODED 3MM THICK, WHITE IN COLOR. SIXTH AND

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

ATTENTION!

BEFORE STARTING THE ASSEMBLY PROCESS:

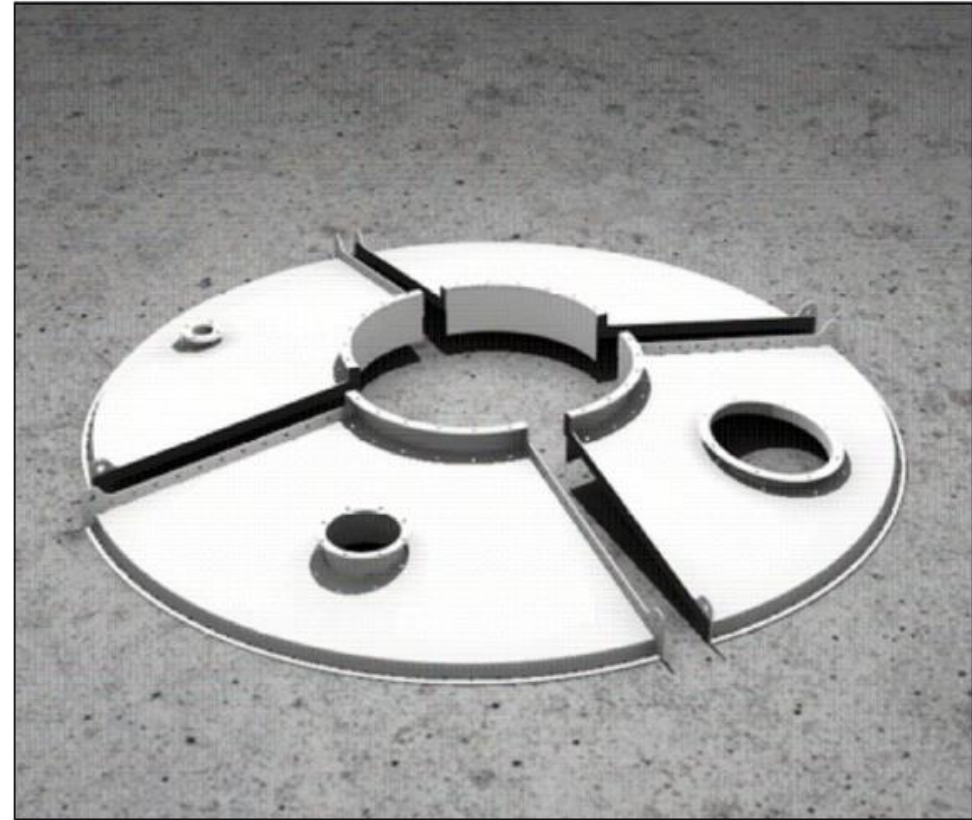
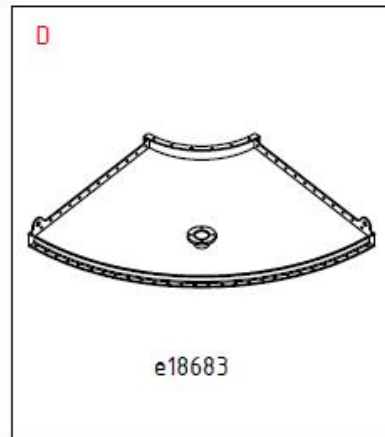
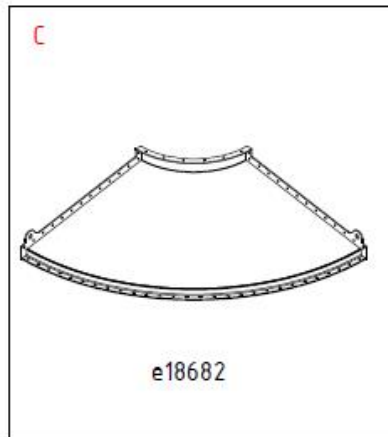
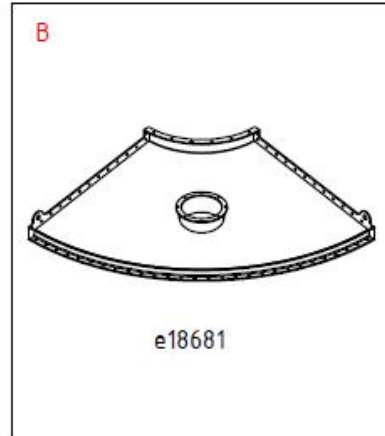
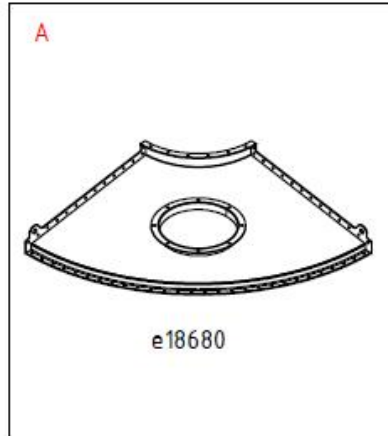
- CERTAINLY CHECK THE LAYOUT BEFORE CEMENT SILO ASSEMBLY!
- FOR ELKON PARTIAL CEMENT SILO ASSEMBLY, YOU MUST CARRY THE PACKAGED SHIPPED PARTS TO A NEARBY AREA TO BE ASSEMBLED. MAKE SURE THAT THE AREA IS DRY, FLAT AND CLEAN.
- FILLING PIPES OF THE CEMENTO CYLINDERS MUST BE ASSEMBLED IN ACCORDANCE WITH THE LAYOUT PLAN. OTHERWISE, THE CYLINDERS WILL BE FILLED WITH SILOBASE DURING THE USE OF THE POWER PLANT.
- THE INTERCONNECTION TYPE ON ONE SIDE OF THE CEMENTO SILO LEGS IS DIFFERENT. SPIRAL PASSES THROUGH THE DIFFERENT SIDE. FOOT ASSEMBLY SHOULD BE ASSEMBLED ON THE INLET SIDE OF THE SPIRAL, IN ACCORDANCE WITH THE PLACEMENT.
- BEFORE THE INSTALLATION OF THE CEMENT CYLINDER RAILING, A SINGLE RAILING IS PASSED THROUGH THE FILLING PIPE IN THE CEMENT SCREED. THIS DETAIL WILL ENSURE A COMFORTABLE INSTALLATION WHILE INSTALLING THE RAILING. (SEE PAGE 37)
- SINCE THE REINFORCEMENTS HAVE DIFFERENT THICKNESSES, THE THICKNESSES ON THE REINFORCEMENTS SPECIFIED. ASSEMBLE THE HARDWARE PARTS IN ACCORDANCE WITH THE VISUALS GIVEN TO YOU.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

ATTENTION!

- THE AREA WHERE THE WORK WILL BE CARRIED OUT MUST BE SURROUNDED BY CONCRETE MEASURES BY KEEPING A SUFFICIENT SAFE DISTANCE AND UNAUTHORIZED PERSONS MUST BE PREVENTED FROM ENTERING.
- IS THE WORK AREA SECURED?
- IS THE AREA SURROUNDED?
- WARNING SIGNS POSITIONED?
- IF NECESSARY, HAS THE ENERGY BEEN CUT OFF AND LABELING / LOCKING BEEN DONE?
- IS THE WORK EQUIPMENT/EQUIPMENT TO BE USED SUITABLE?
- HAS THE WORK EQUIPMENT TO BE USED BEEN CHECKED?
- SECURE DESCENT AND ASCENT MUST BE PROVIDED TO THE WORKING PLACES AT HEIGHT, AND DESCENT AND ASCENT MUST NOT BE MADE FROM UNSAFE AND PRECAUTIONARY PLACES.
- THE AREA WHERE THE WORK IS CARRIED OUT MUST BE SURROUNDED BY CONCRETE MEASURES BY KEEPING A SUFFICIENT SAFE DISTANCE, AND UNAUTHORIZED PERSONS MUST BE PREVENTED FROM ENTERING.
- WORK EQUIPMENT USED MUST NOT BE CLIMBED OVER THE RAILINGS AND MUST NOT PASS OUTSIDE THE RAILING AREA.

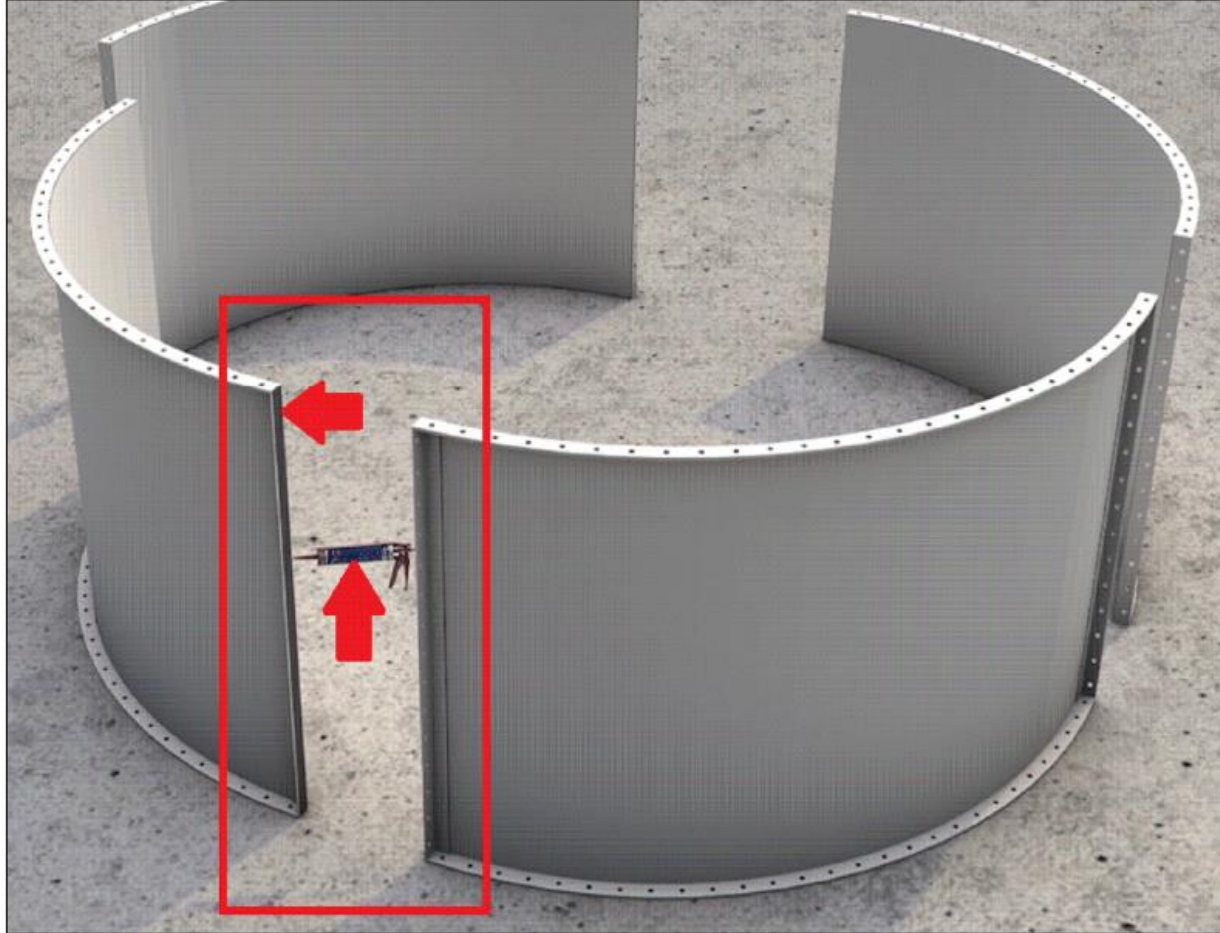
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown in A, B, C and D, partial visuals of cement silo hats are given. As shown in the other image, the cement silo hats are turned into a ring. Black gasket-tape is drawn between the hats, bolts are attached and the bolts are tightened. The hats are attached to each other. M12x35 bolt is used. The hats of 30-50-75-90-100-125 and 150 tons cement silos are common.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

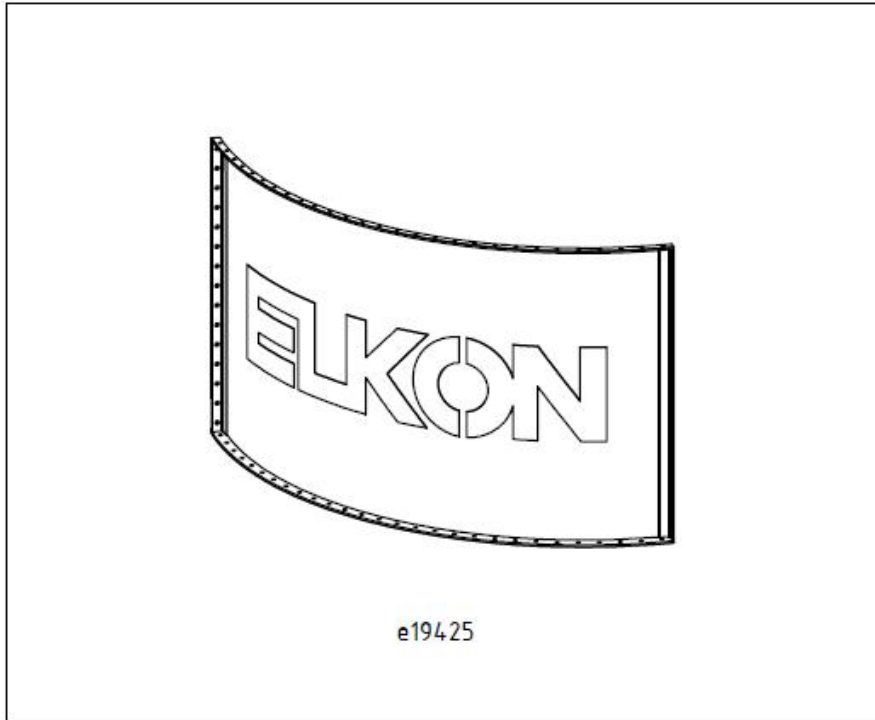


STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

The next step after the assembly of the cement silo hat is to ring the reinforcement consisting of four pieces as shown and use silicone sealant for sealing the joints before assembling each other. Make sure to do this for all reinforcement. M14X40 bolts are used when joining all reinforcements together.



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown in the visual, the blue colored fragmented silo reinforcements of the cement silo with Elkon inscription are turned into a ring. These reinforcements are 4 pieces. Then black gasket-tape is inserted between the reinforcements and the bolts of the reinforcements are threaded and the bolts are tightened.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

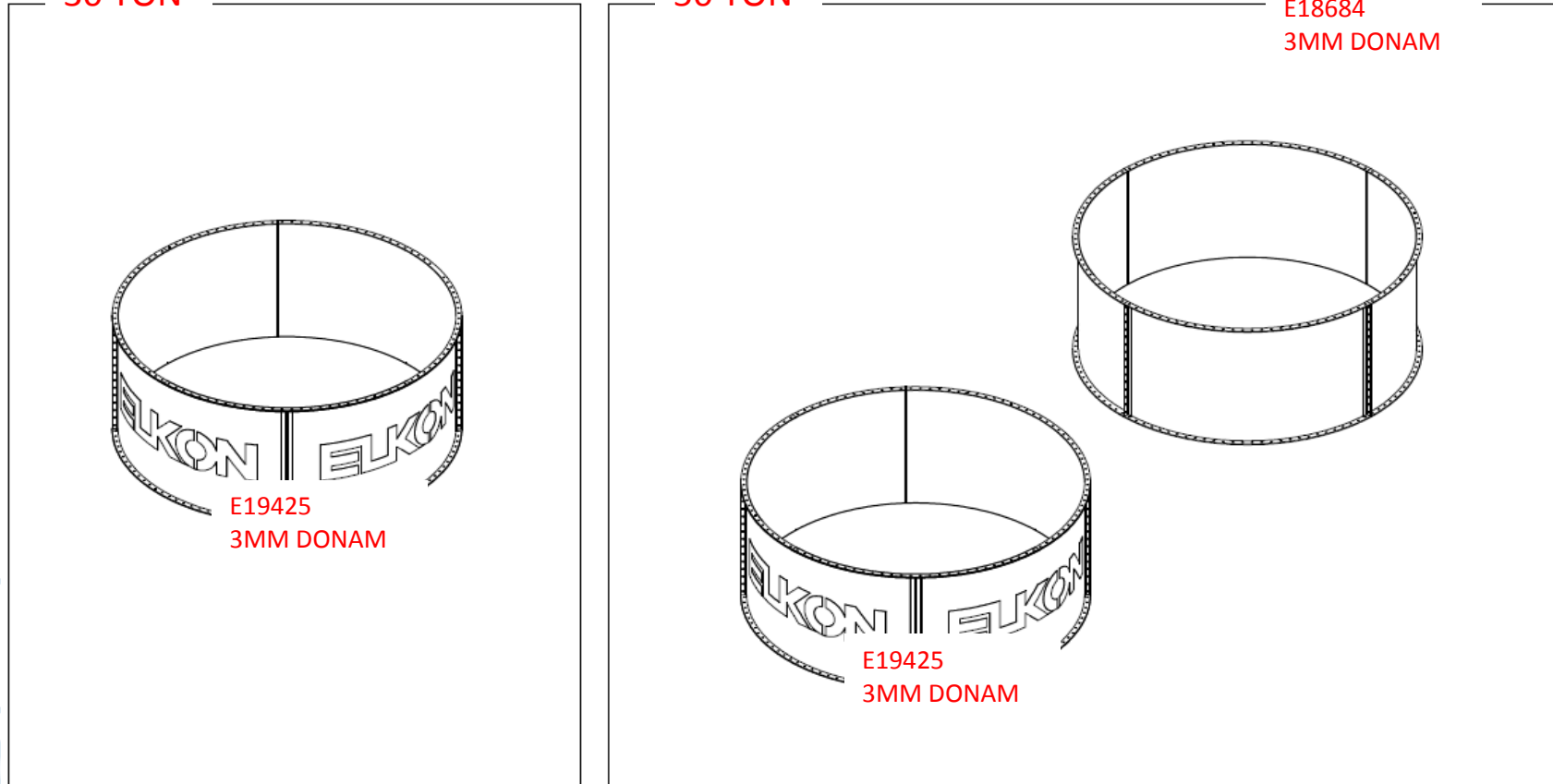


STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

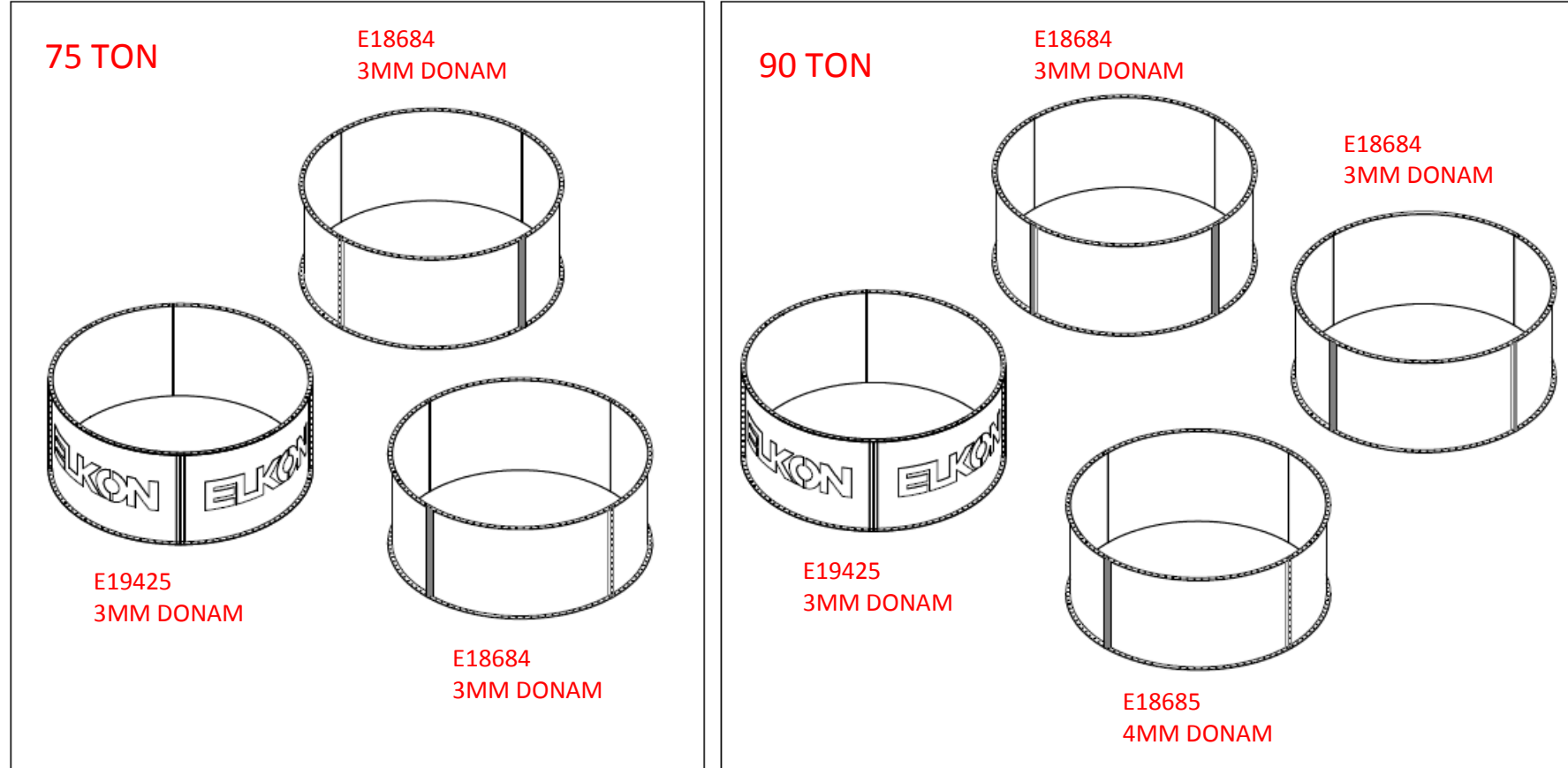
As shown in the image, black gasket-tape is applied for sealing to the Elkon-written donam and silicone is applied to the places where the inner parts meet. This process is done in all 30 TON 50 TON 75 TON 90 TON 100 TON 125 TON 150 TON cement silo reinforcement assemblies.



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown in the visuals, 1 piece of reinforcement is assembled for 30 tons of cement silo. For 50 tons of cement silo, 2 pieces of reinforcement are assembled to each other.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



As shown in the visuals, 3 pieces of reinforcement are assembled together for 75 tons of cement silo. For 90 tons of cement silo, 4 pieces of reinforcement are assembled to each other.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

STANDART-ORTAK

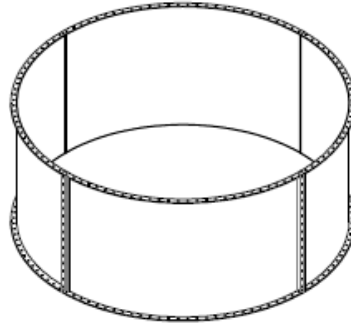
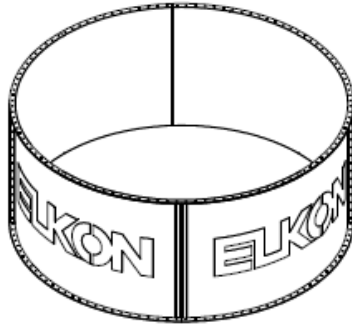
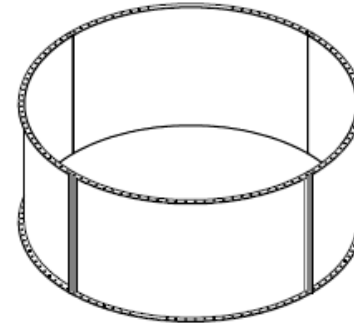
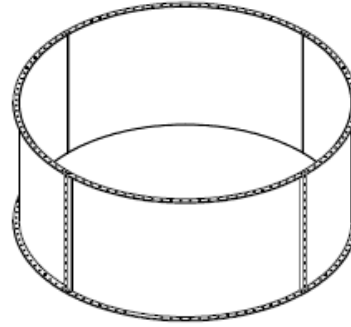
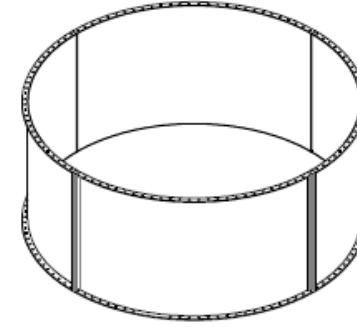
Tüm hakları Elkon 'a aittir.

elkon

TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

100 TON

E18684
3MM DONAME18684
3MM DONAME19425
3MM DONAME18685
4MM DONAME18684
3MM DONAM

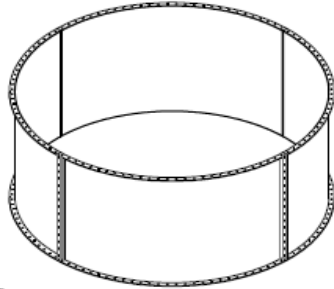
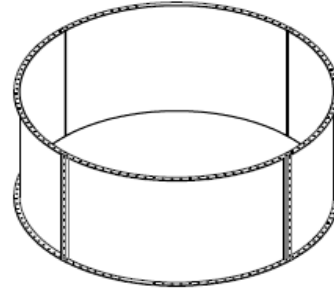
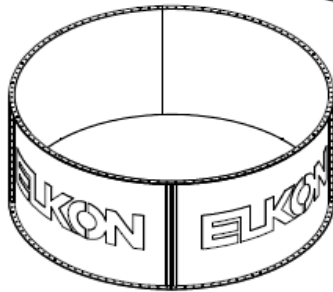
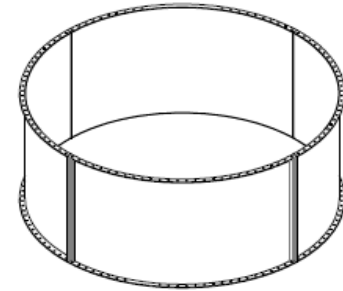
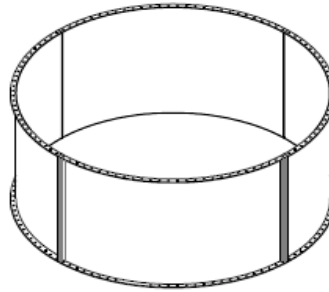
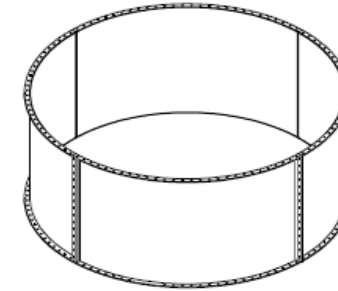
As shown in the image, 5 pieces of reinforcement are assembled together for 100 tons of grass silo.

STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

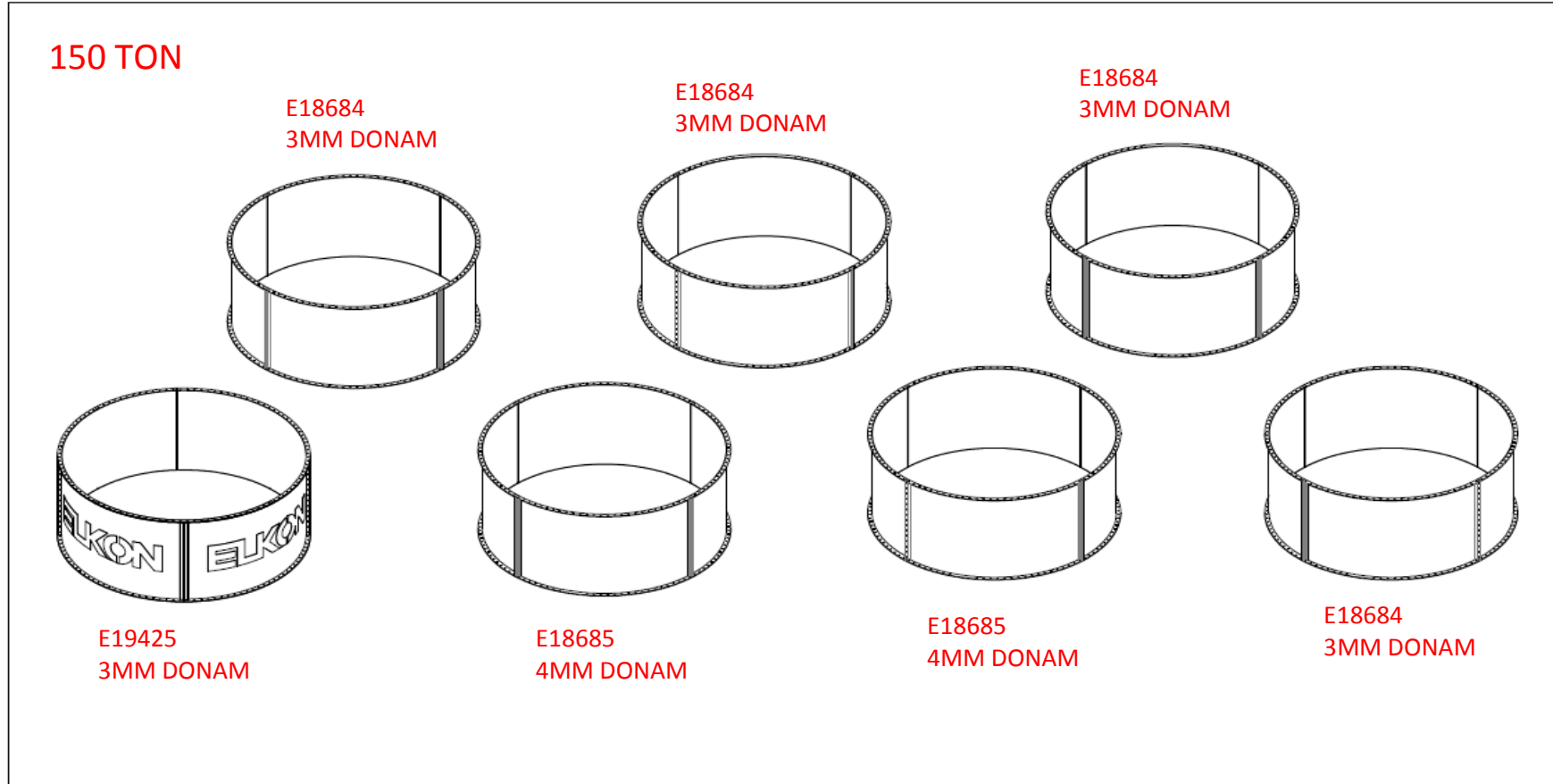
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

125 TON

E18684
3MM DONAME18684
3MM DONAME18684
3MM DONAME19425
3MM DONAME18685
4MM DONAME18685
4MM DONAM

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

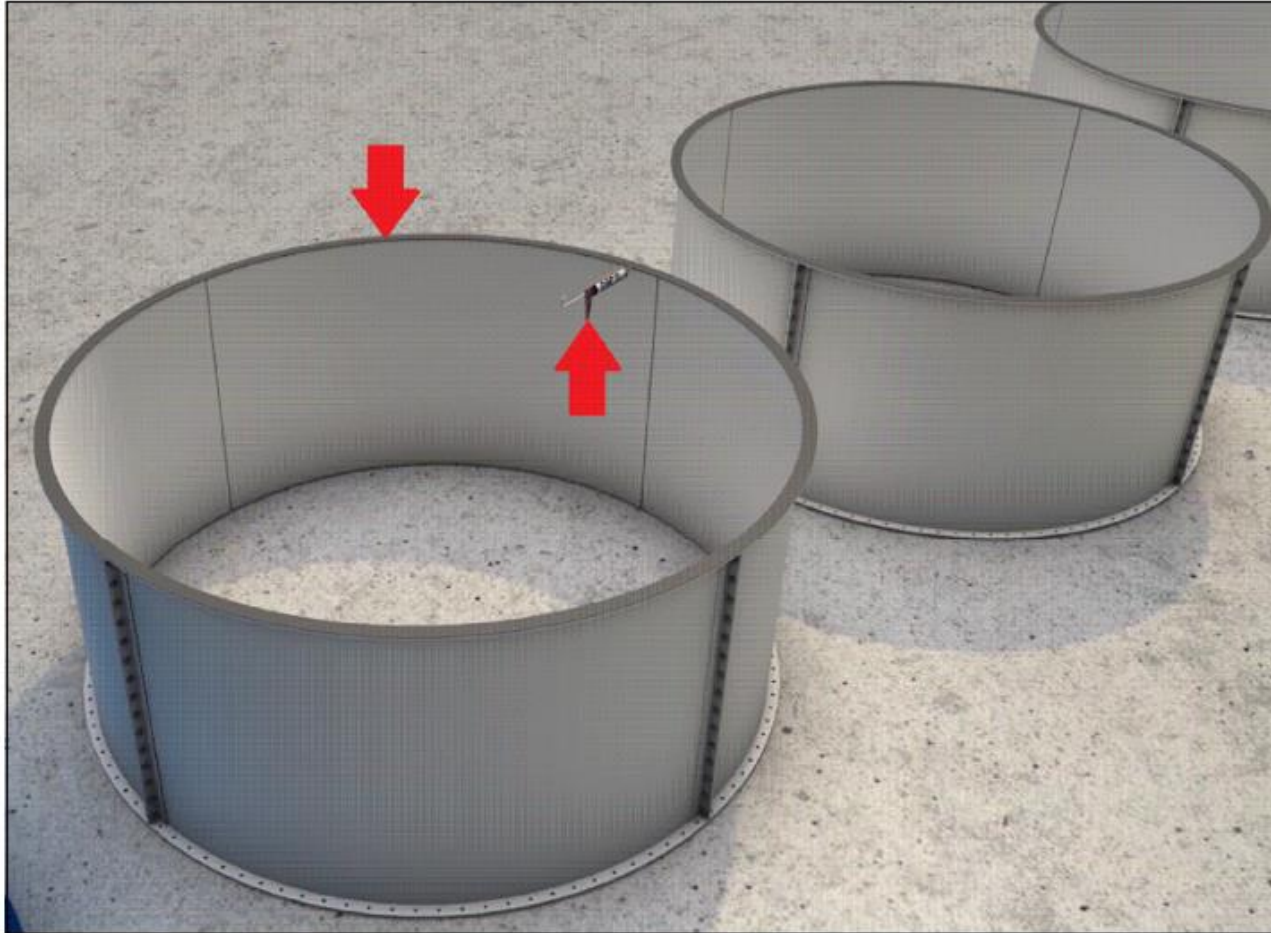
As shown in the image, 6 pieces of reinforcement are mounted together for 125 tons of grass silo.



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown in the image, 7 pieces of reinforcement are mounted together for 125 tons of grass silo.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



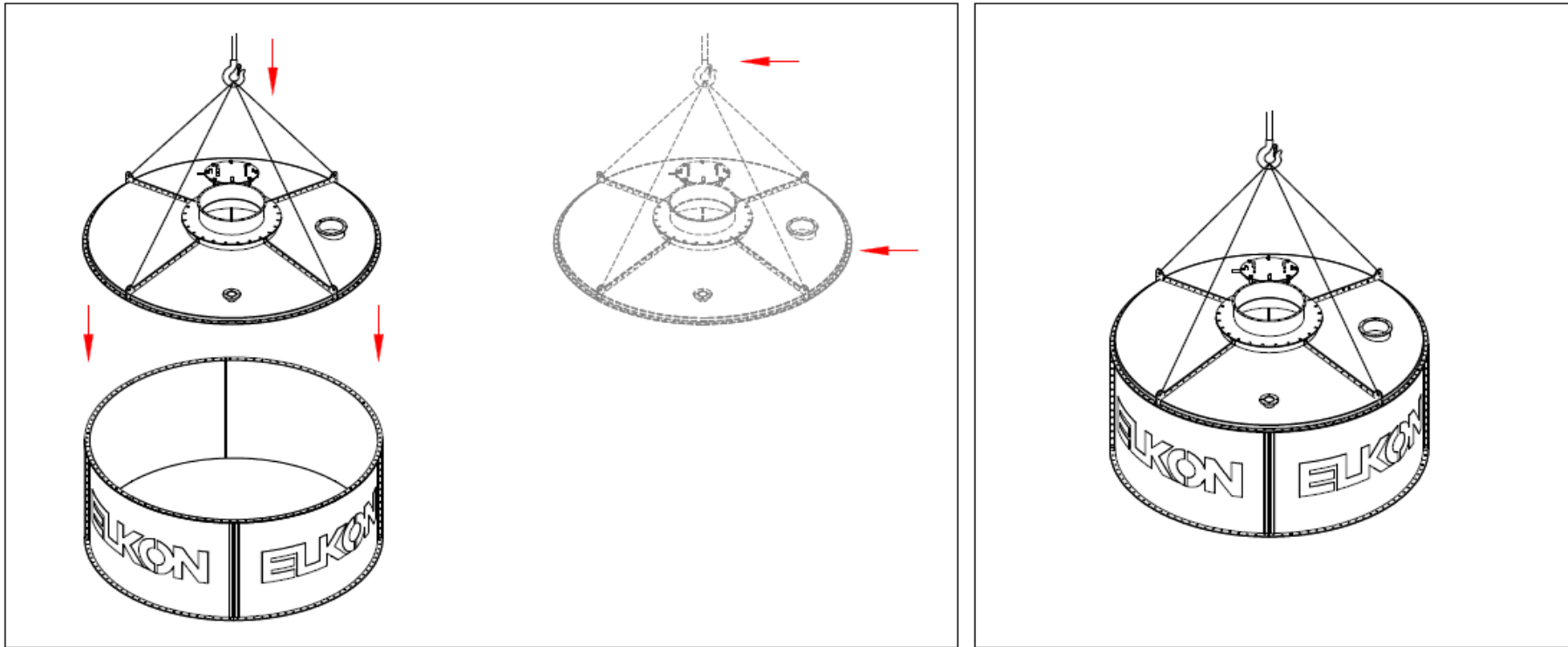
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

elkon**TUV** EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown, black gasket for sealing and silicone treatment is applied to the interior of all assembled equipment. In addition, siliconization is applied to the inner parts where the hardware is joined.

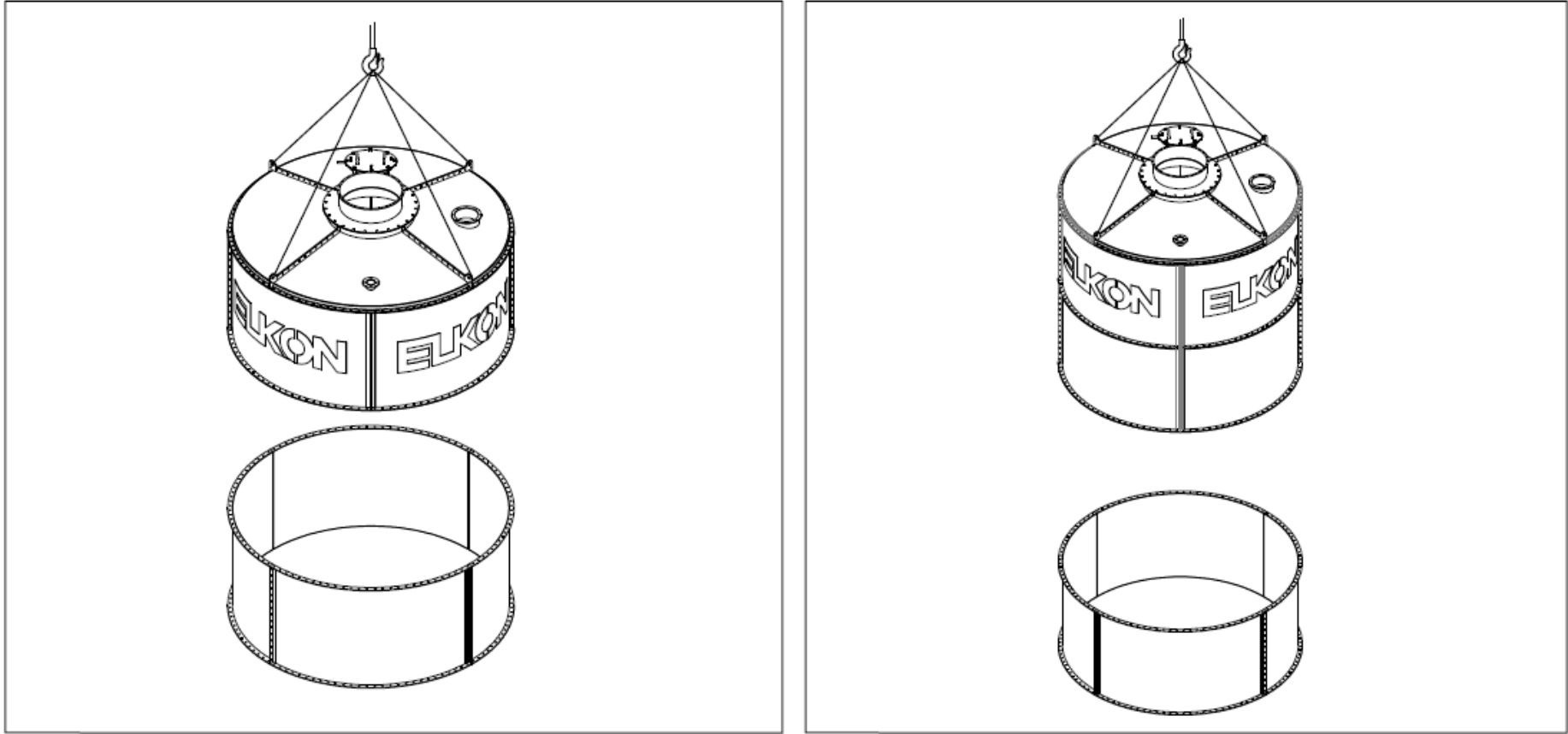


30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

The hat, which is turned into a ring, is placed on the Elkon written reinforcement with the help of a crane by connecting ropes and assembled with M14x40 bolts.

Siliconizing is applied to the places where the reinforcement and the hat meet on the inside.

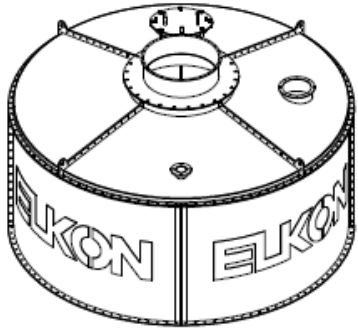
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

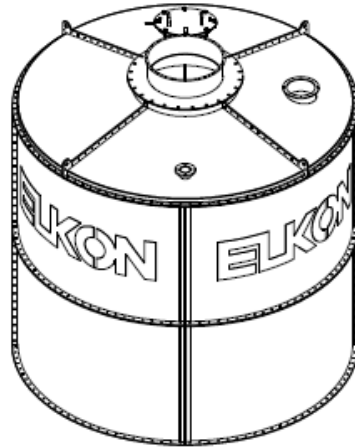
In all cement silos, the sequence of operations to be carried out in the reinforcements is to place the capped reinforcement on the reinforcements in turn with the help of a crane and assemble them to each other. Inside, siliconizing is applied to the places where the reinforcement and the reinforcement meet.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



E19425
3MM
DONAM

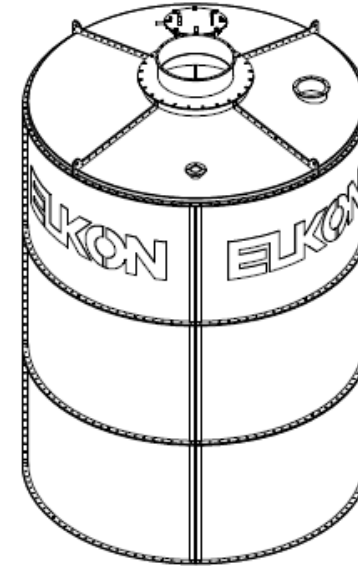
30 TON 1 DONAM



E19425
3MM
DONAM

E18684
3MM
DONAM

50 TON 2 DONAM



E19425
3MM
DONAM

E18684
3MM
DONAM

E18684
3MM
DONAM

75 TON 3 DONAM

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

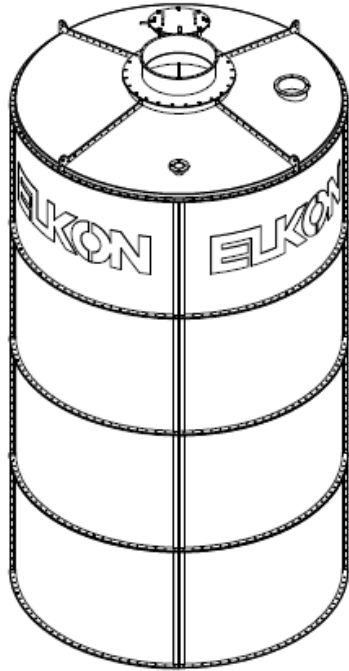
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

elkon

TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



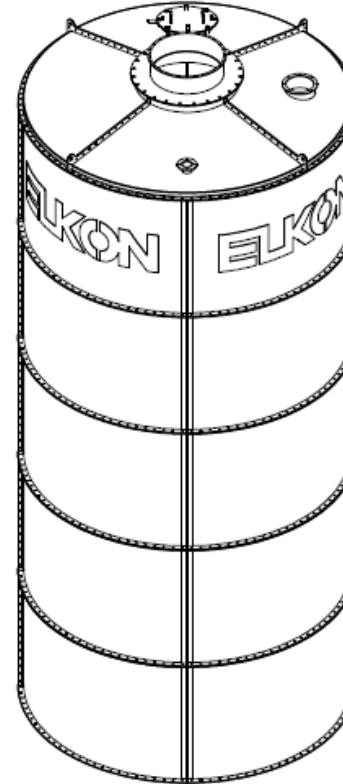
E19425
3MM
DONAM

E18684
3MM
DONAM

E18684
3MM
DONAM

E18685
4MM
DONAM

90 TON 4 DONAM



E19425
3MM
DONAM

E18684
3MM
DONAM

E18684
3MM
DONAM

E18684
3MM
DONAM

E18685
4MM
DONAM

100 TON 5 DONAM

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

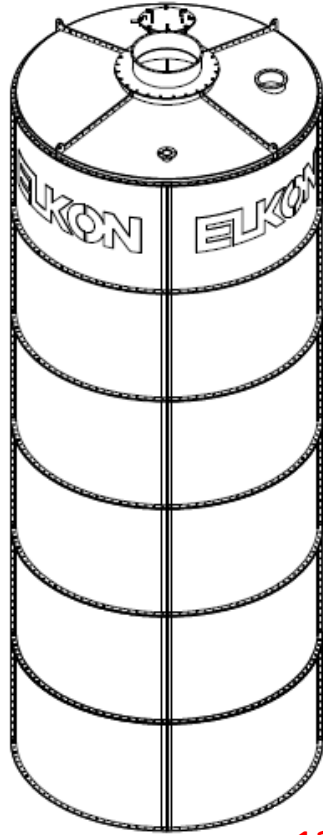
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

elkon

TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



E19425
3MM
DONAM

E18684
3MM
DONAM

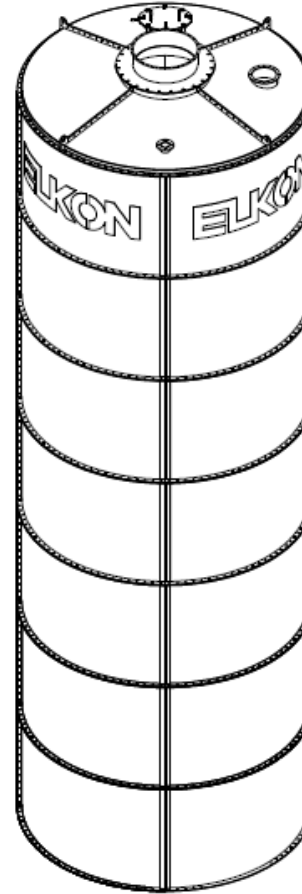
E18684
3MM
DONAM

E18684
3MM
DONAM

E18685
4MM
DONAM

E18685
4MM
DONAM

125 TON 6 DONAM



E19425
3MM
DONAM

E18684
3MM
DONAM

E18684
3MM
DONAM

E18684
3MM
DONAM

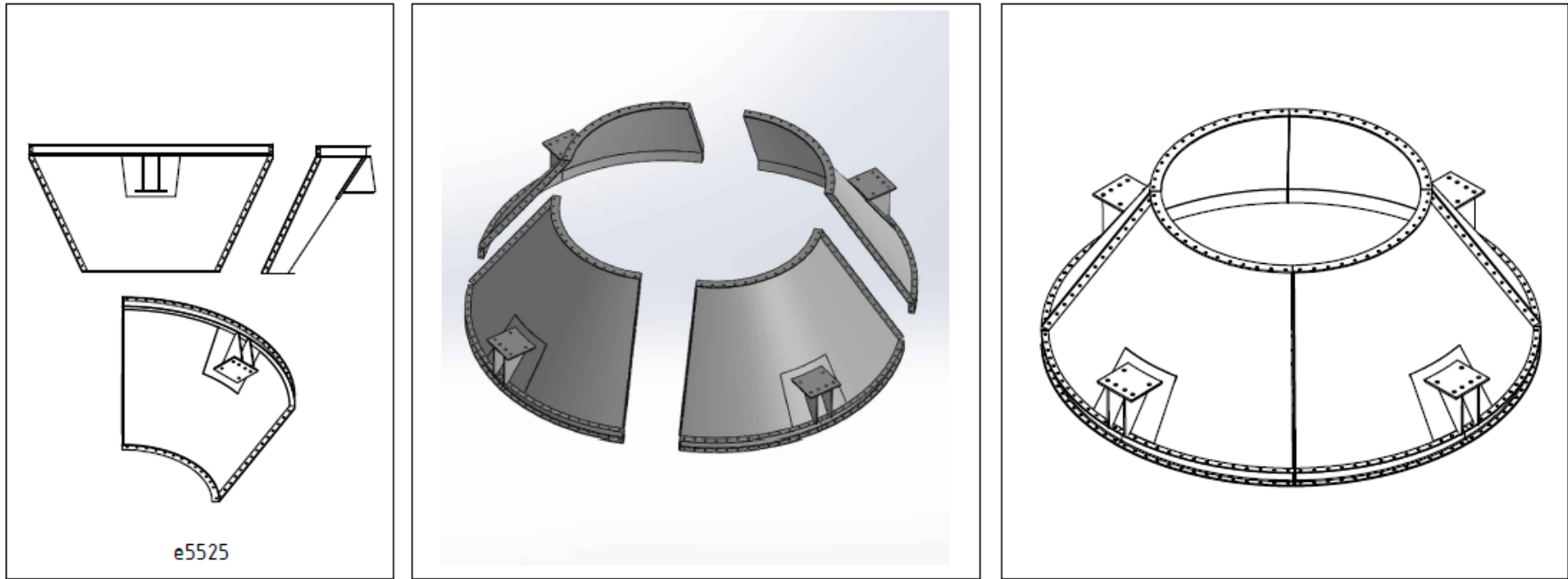
E18684
3MM
DONAM

E18685
4MM
DONAM

E18685
4MM
DONAM

150 TON 7 DONAM

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



The parts with e5525 e-code as shown are placed on a flat surface, the conical part of the cement silo is turned into a ring and black gasket-tape is installed between the conical parts. Afterwards, bolts are assembled and bolts are tightened. M14X40 bolts are used when intermediate cones are added to each other. There are 4 of these conical parts. This process is valid for all cement silos. It is a common part of 30 to 150 tons cement silos.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

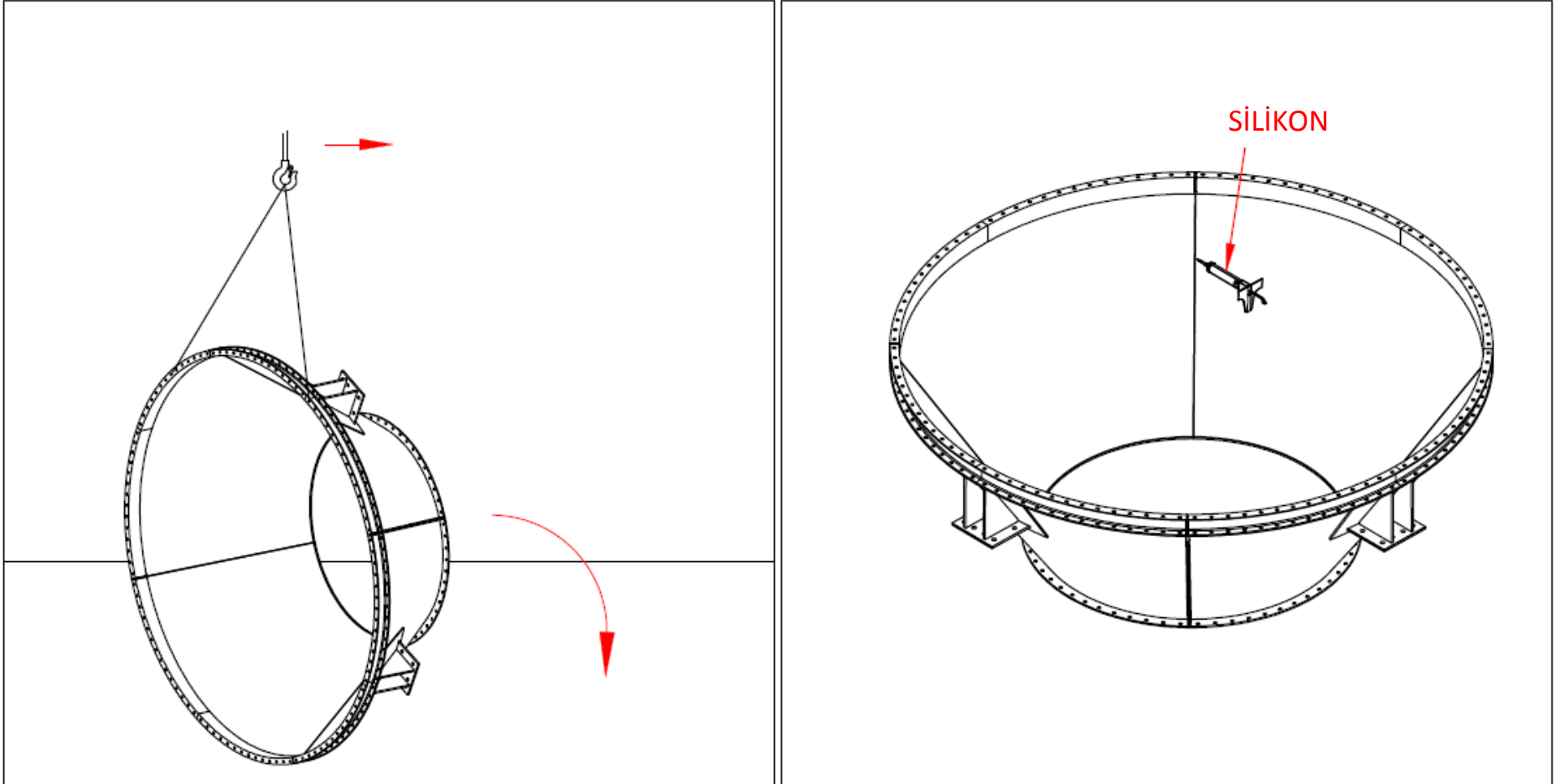
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

elkon

TUV EAC CE

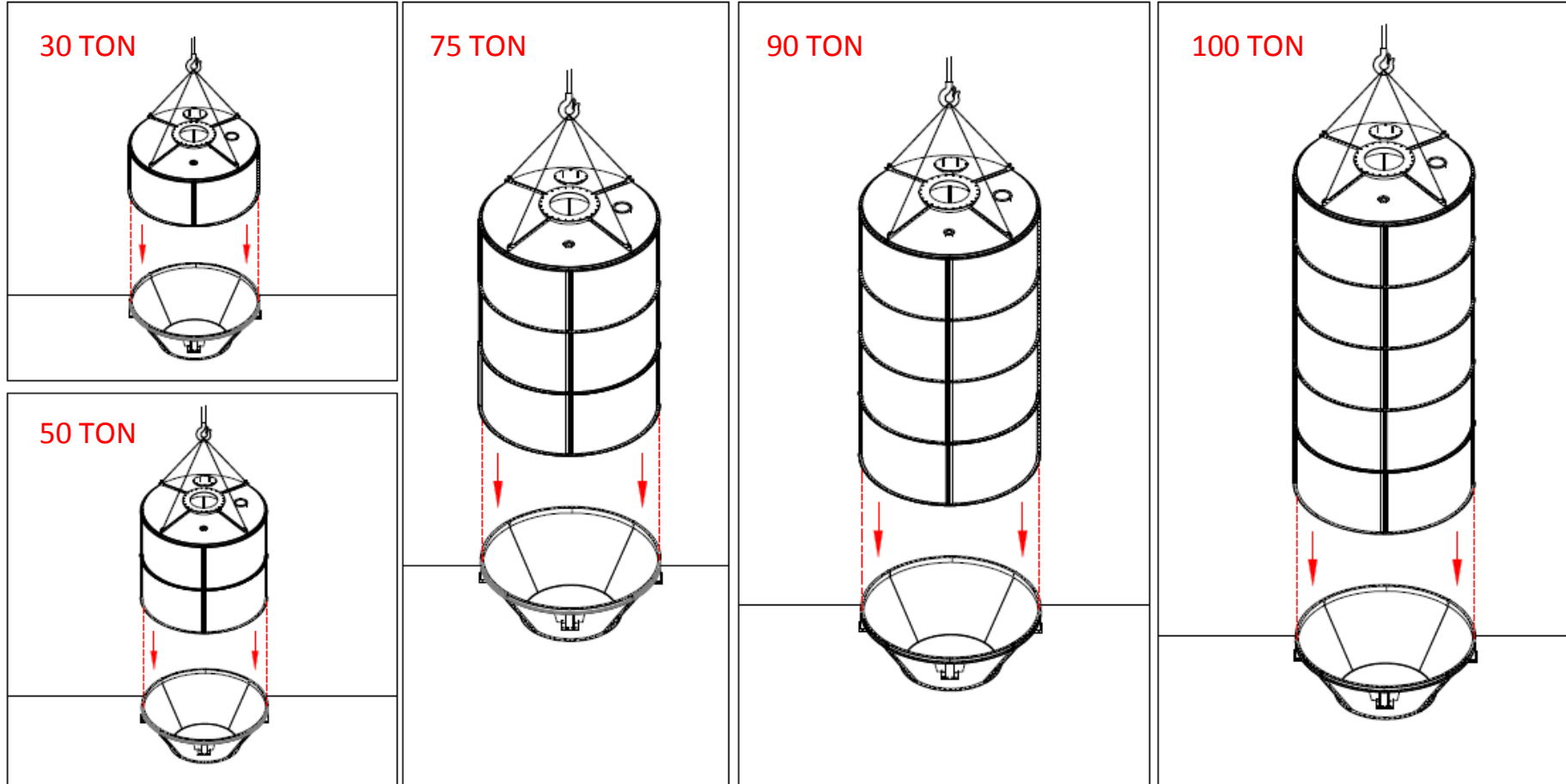
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Tie ropes to the conical part of the cement silo and turn it upside down and apply siliconizing process to the connection points inside as shown in the other image. Also apply black gasket-tape to the connection surface of the conical part with the reinforcement.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



Place the cement silo reinforcements on the conical part with the help of a crane. Do this process for all cement silos.

STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

STANDART-ORTAK

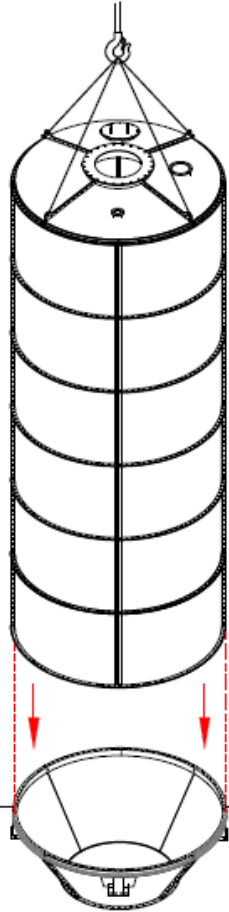
Tüm hakları Elkon 'a aittir.

elkon

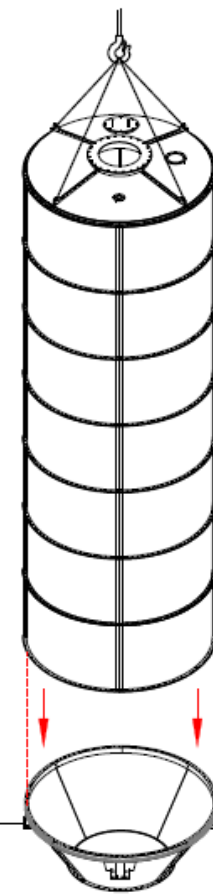
TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

125 TON



150 TON



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

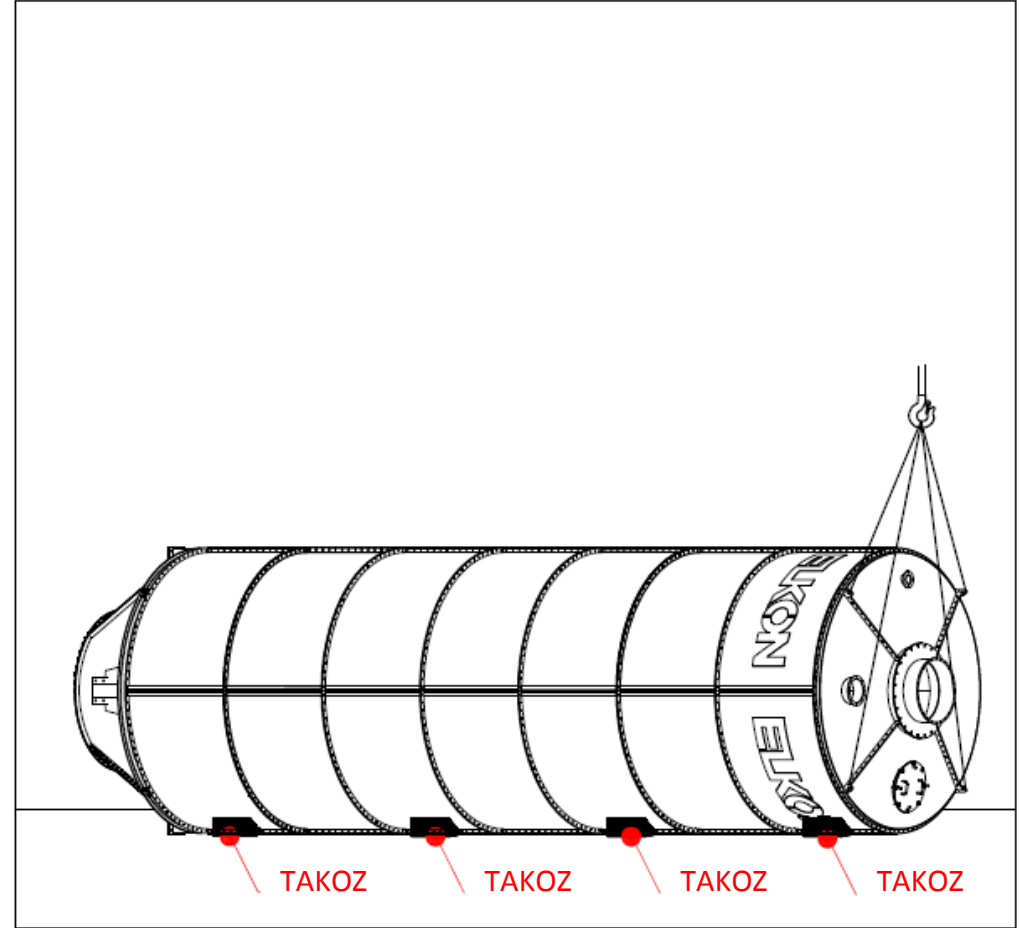
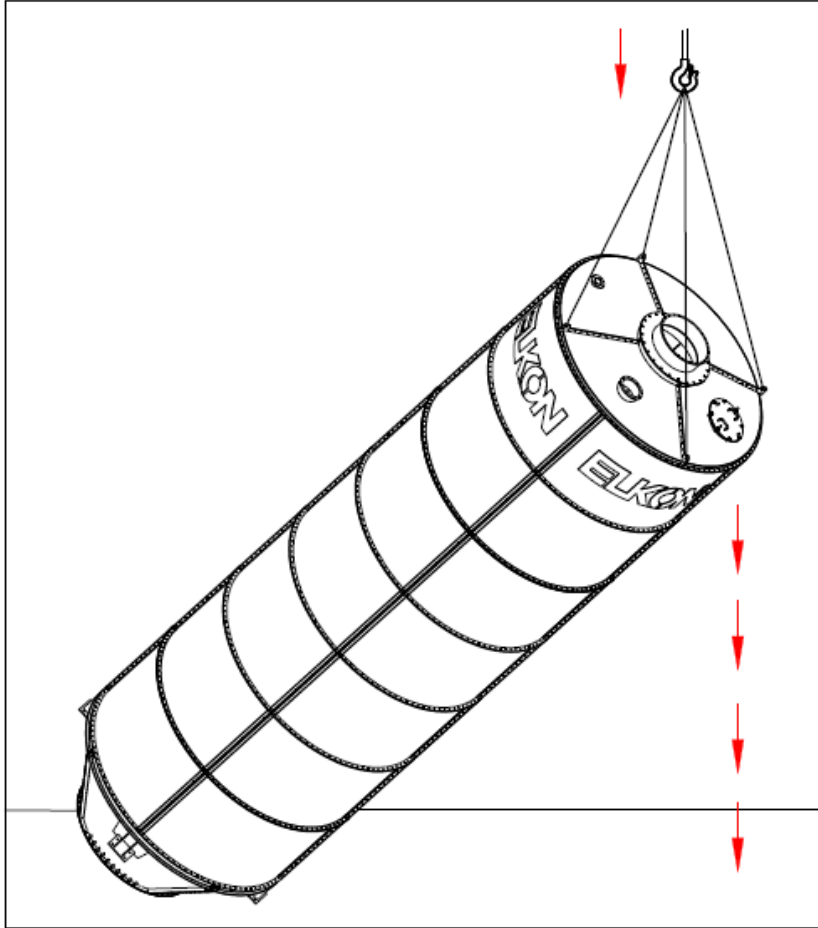
Place the cement silo reinforcements on the conical part with the help of a crane. Do this process for all cement silos.



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

A visual of the cement silo lower cone is given as shown. Complete the Chinese hat assembly on the inner part of the lower cone as shown in the other image. Also, apply black gasket-tape to the surface of the lower cone and the upper cone.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



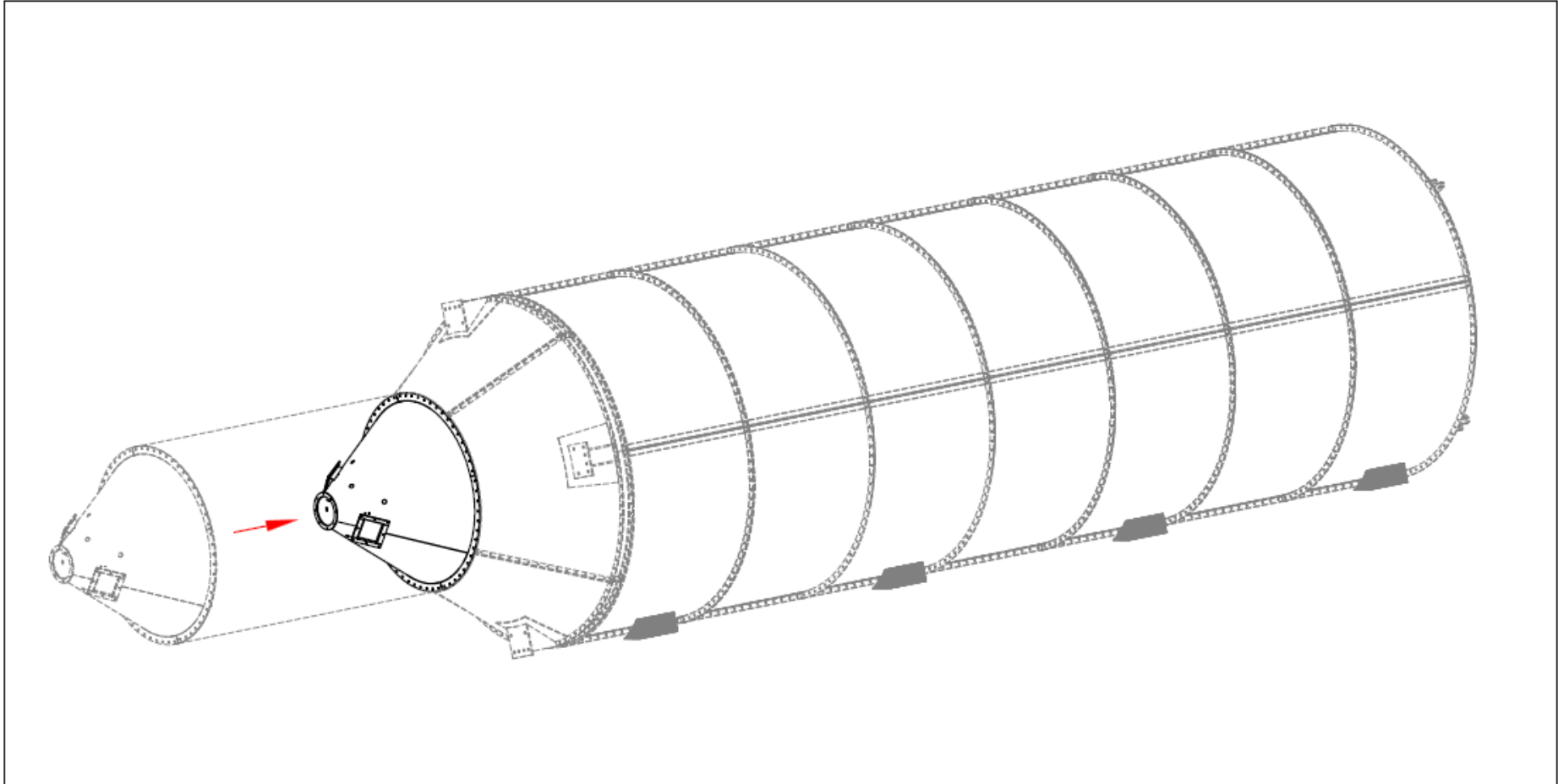
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown in the image, tie ropes to the cement silo and lay it on the ground with the help of a crane and place wedges on its sides to prevent it from moving. Do this for all 30 to 150 tons cement silos.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



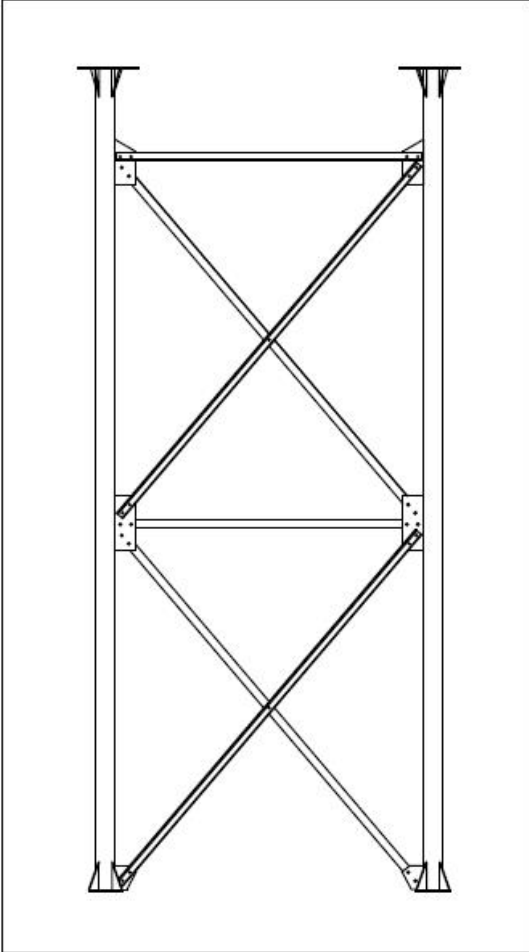
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Complete the assembly of the cement silo bottom cone in place as shown in the visual. Do this for all 30 to 150 tons cement silos.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



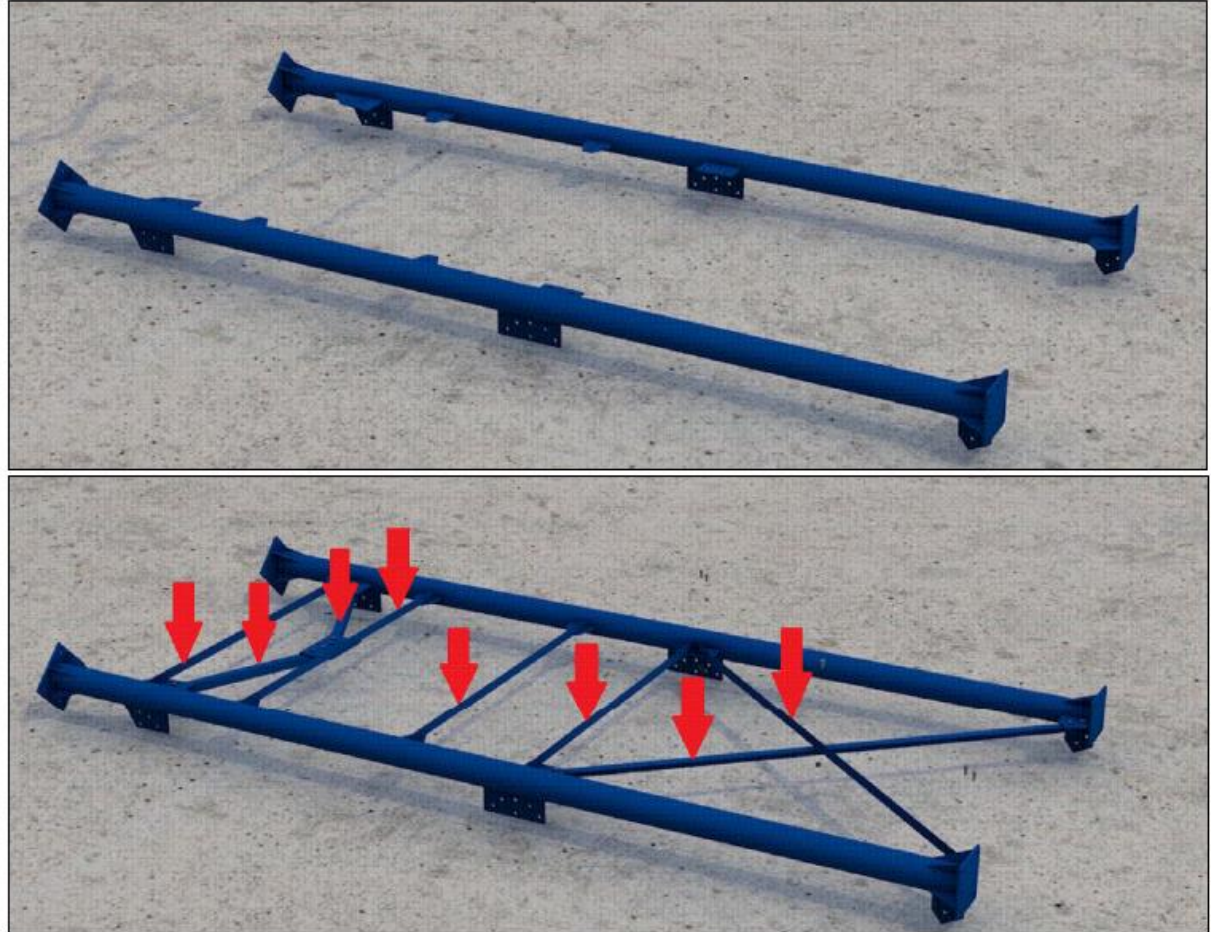
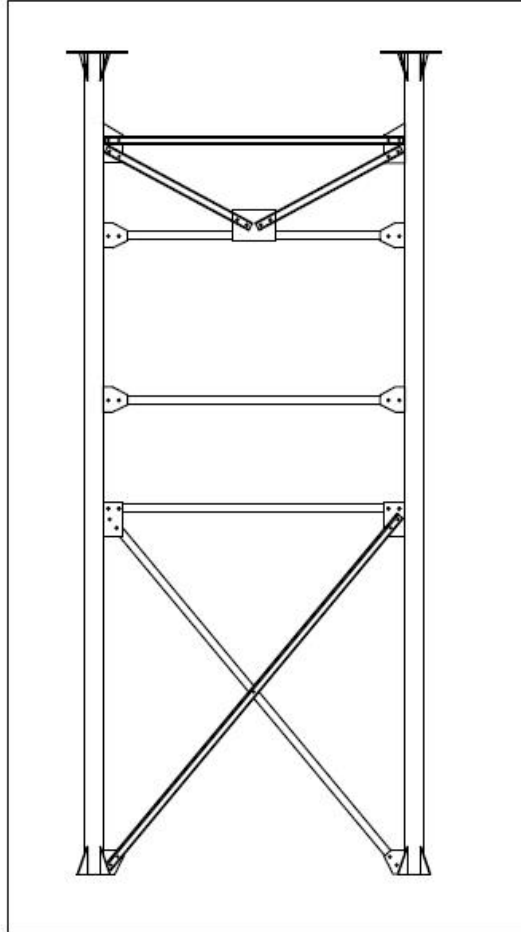
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown in the image, visuals of cement silo foot assembly are given. As shown in the first image, place the feet with the same connection points of the feet opposite each other and complete the assembly of the interconnections.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



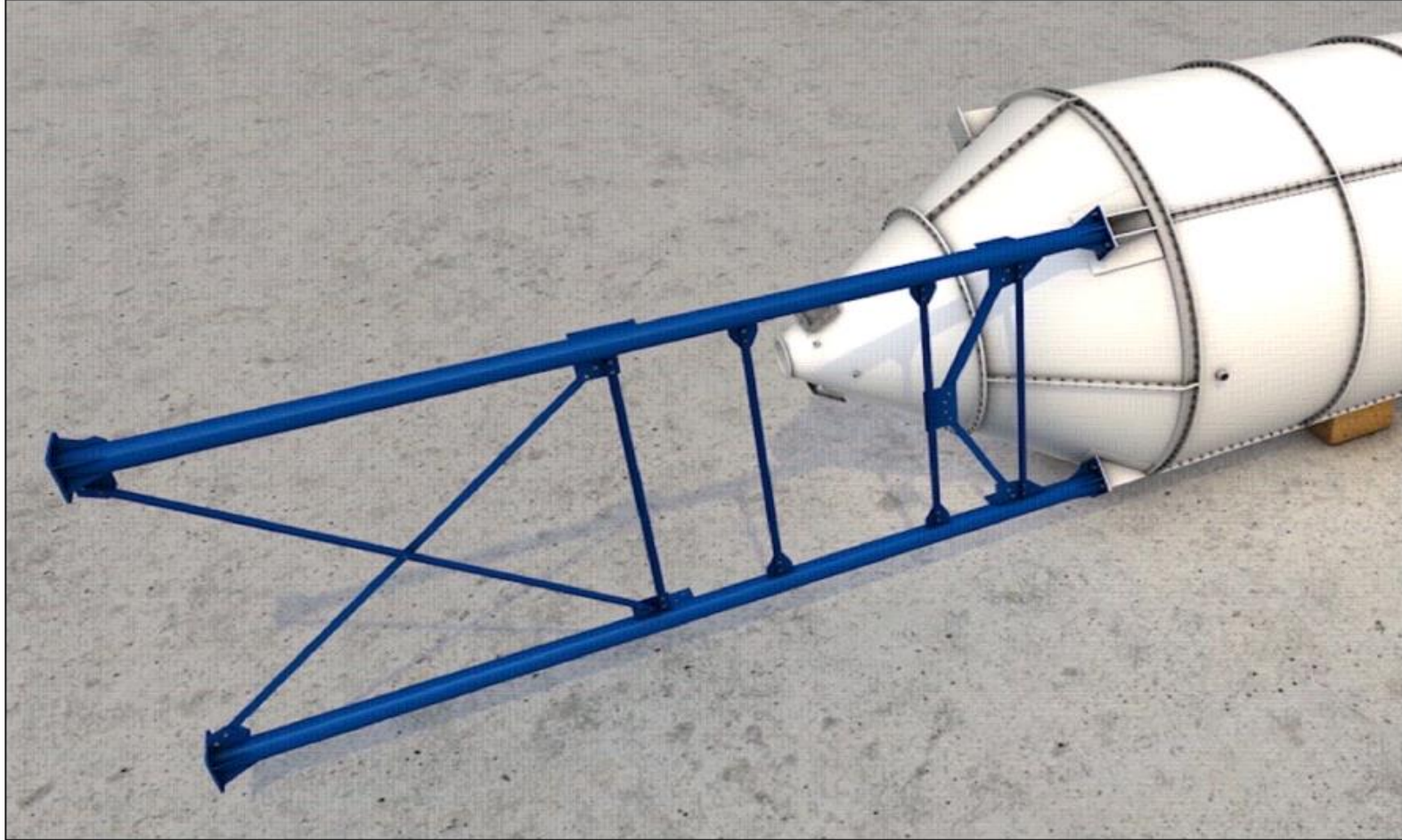
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown in the image, visuals of cement silo foot assembly are given. As shown in the first image, place the feet with the same connection points of the feet opposite each other and complete the assembly of the interconnections.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Assemble the foot accordingly as shown in the image. This foot is the spiral outlet side.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

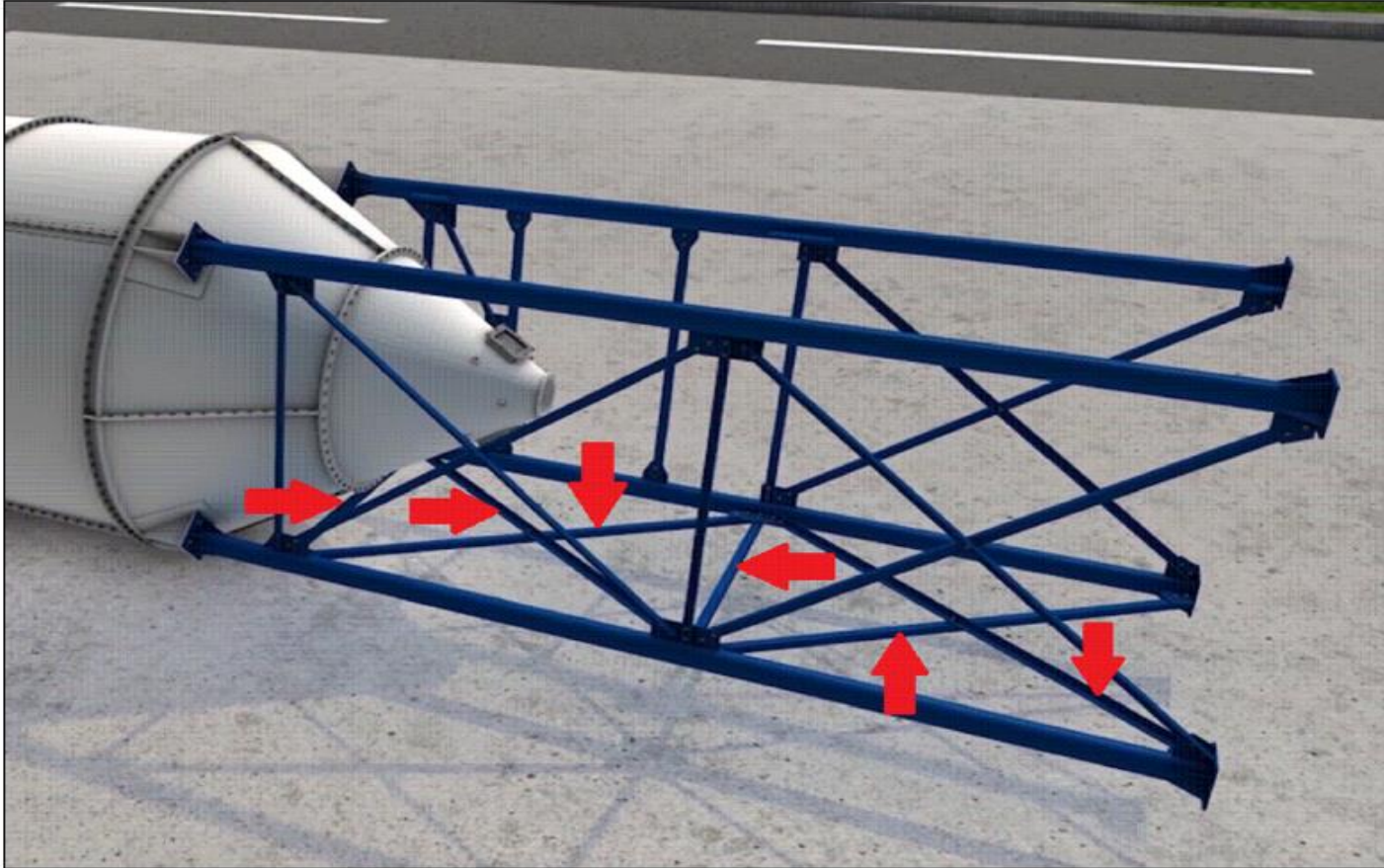
elkon

TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Complete the other leg assembly as shown in the image.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



Complete the assembly of the connections between both legs as shown in the image.

STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

elkon

TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

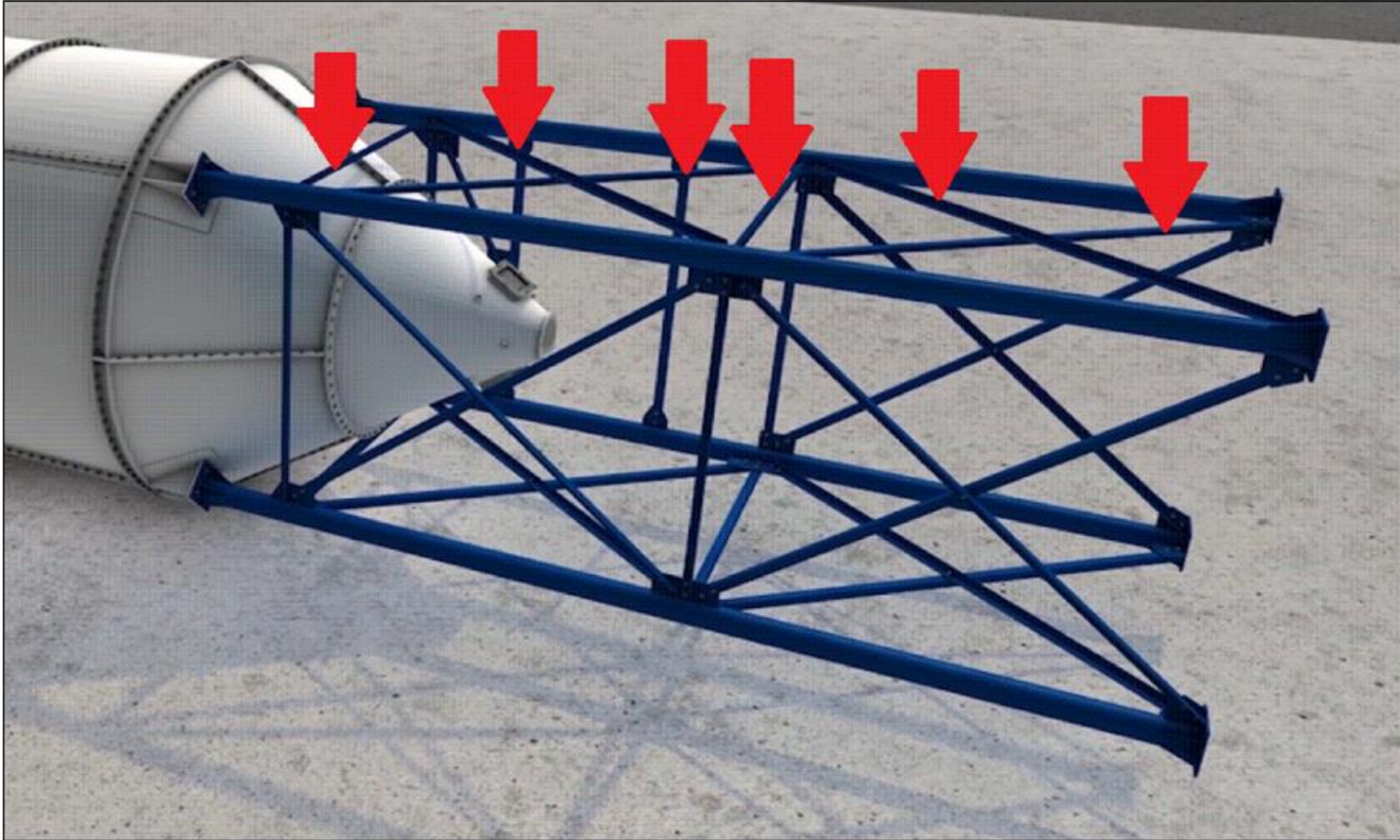
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

elkon

TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



STANDART-ORTAK

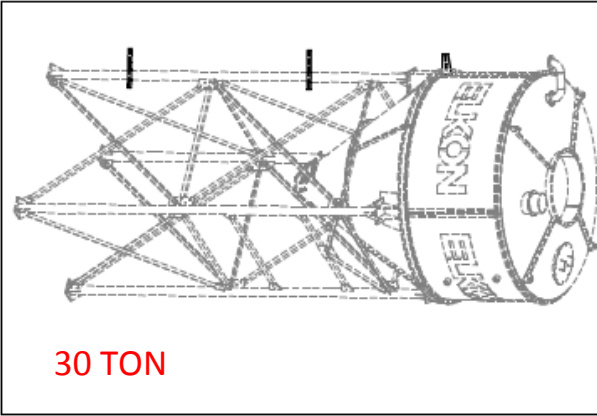
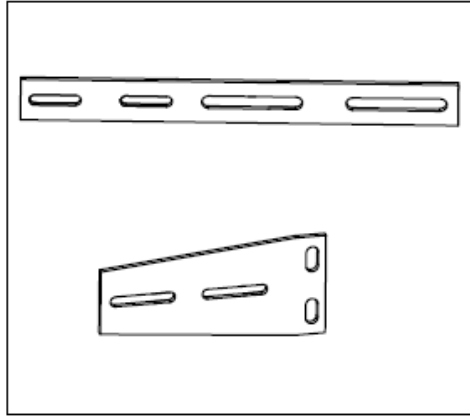
Tüm hakları Elkon 'a aittir.

elkon**TUV** EAC CE

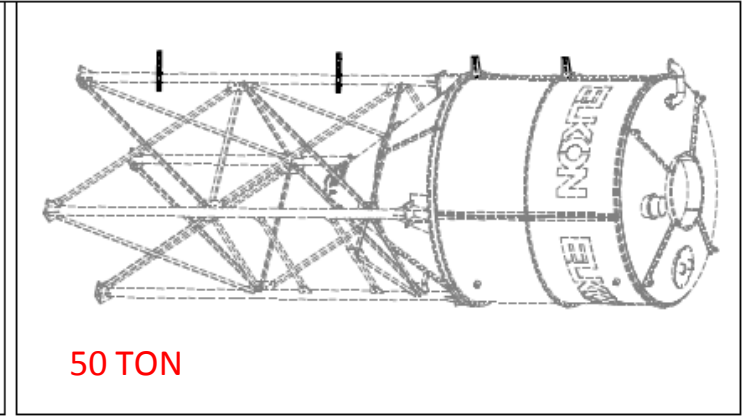
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Complete the assembly of the connections between both legs as shown in the image.

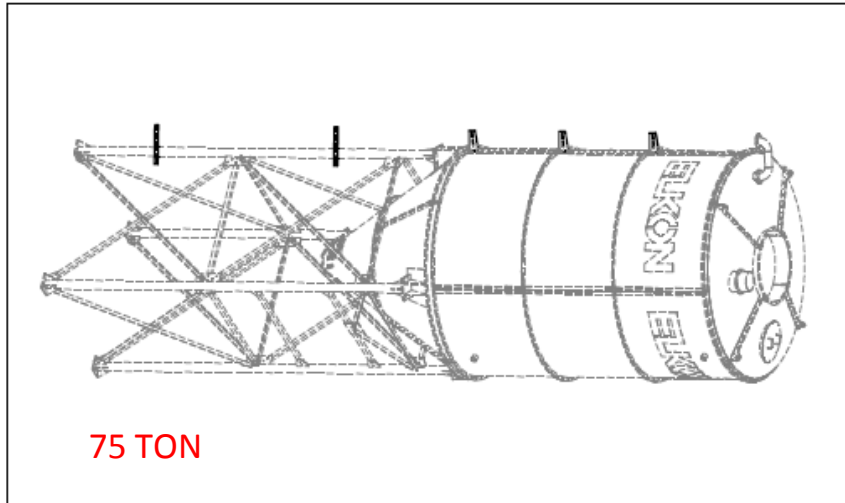
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



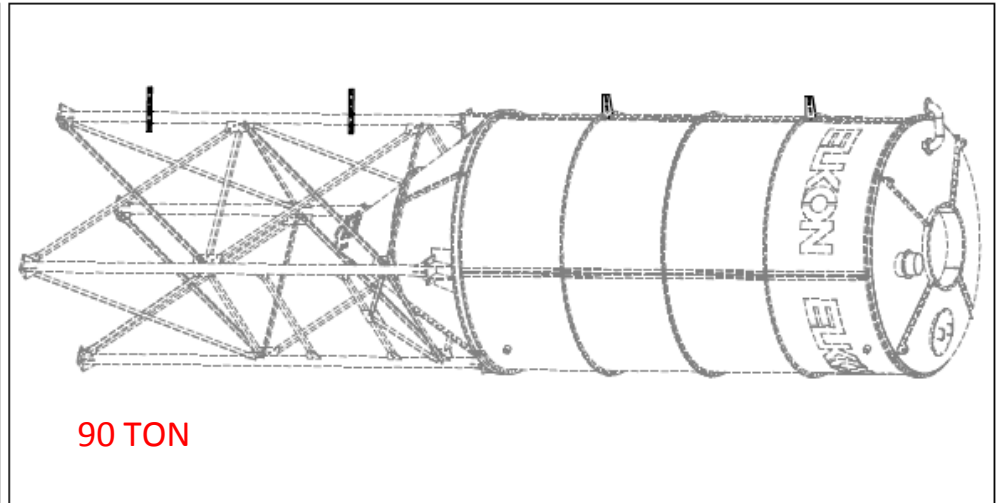
30 TON



50 TON



75 TON

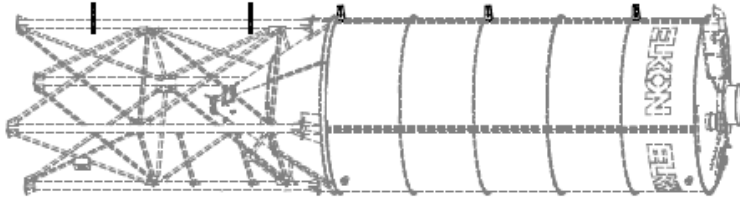


90 TON

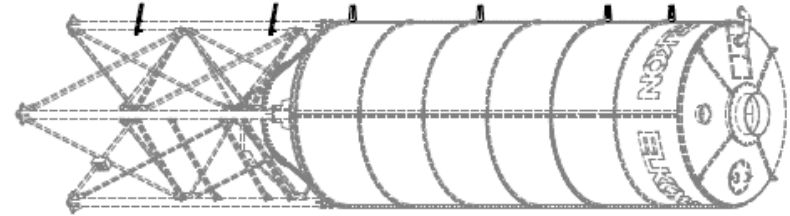
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Visuals of filling pipe fixing apparatus are given as shown. In addition, the layout visuals of the filling pipe fixing apparatus in 30-50-75 and 90 tons cement silos are given. Complete the assembly of the apparatus according to how many tons your cement silo is.

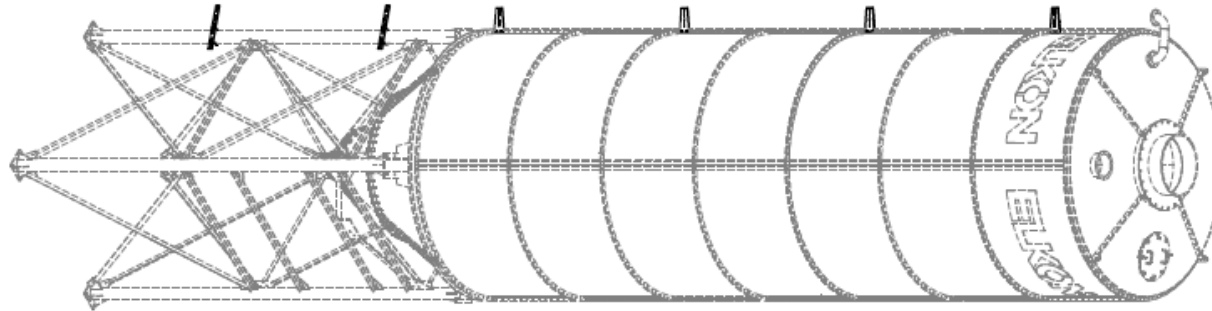
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



100 TON



125 TON

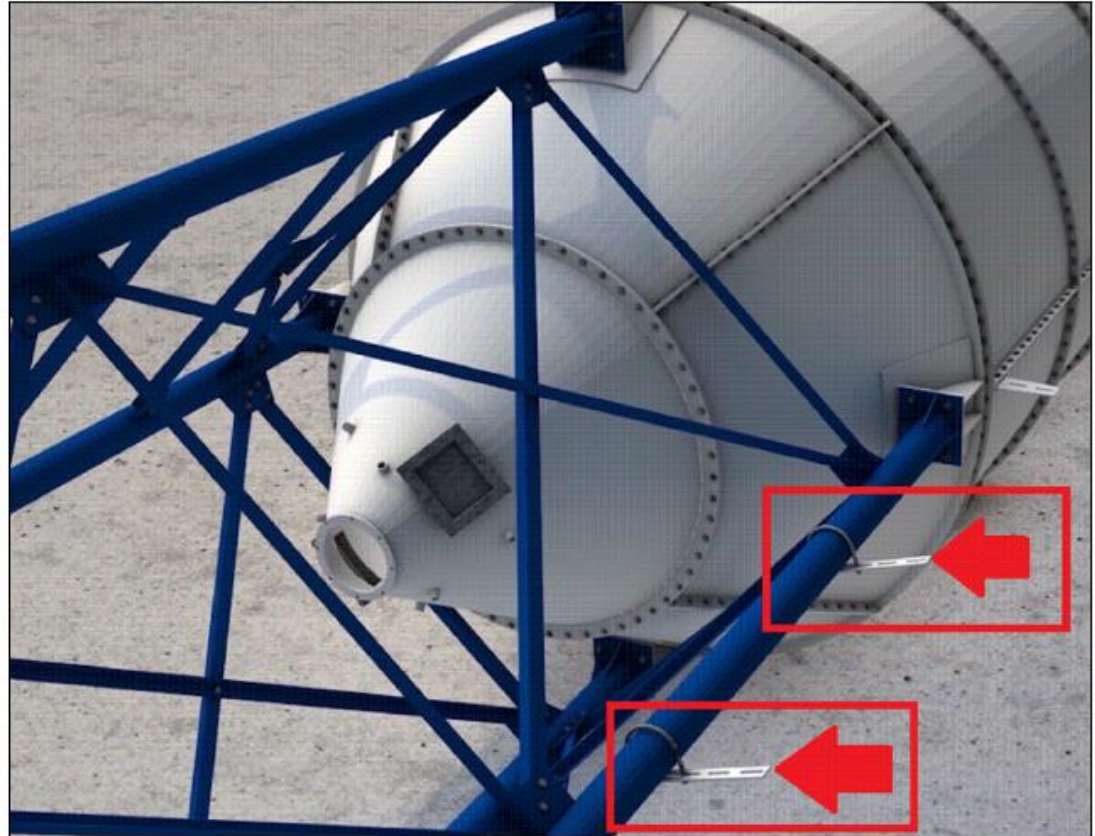
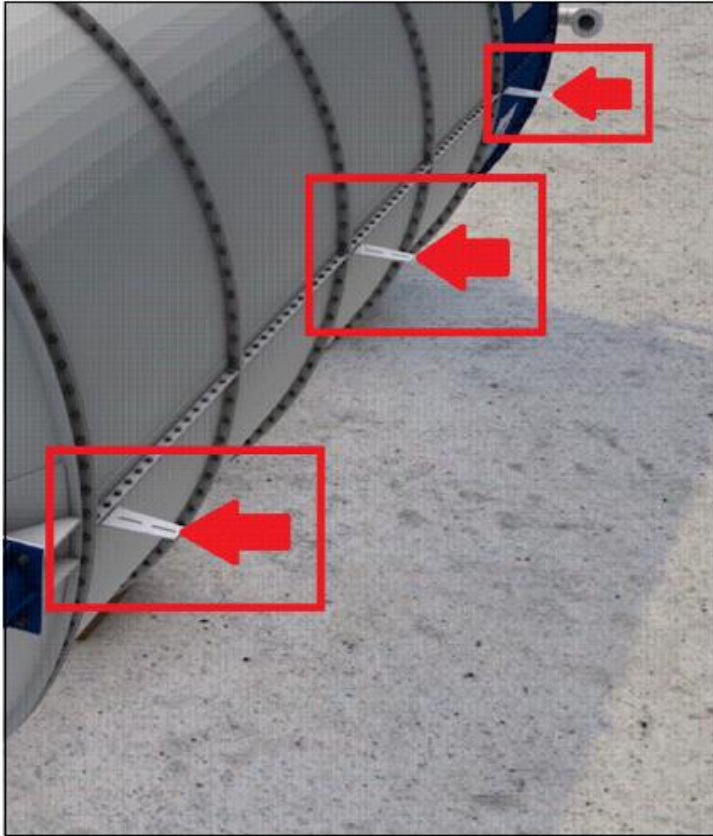


150 TON

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

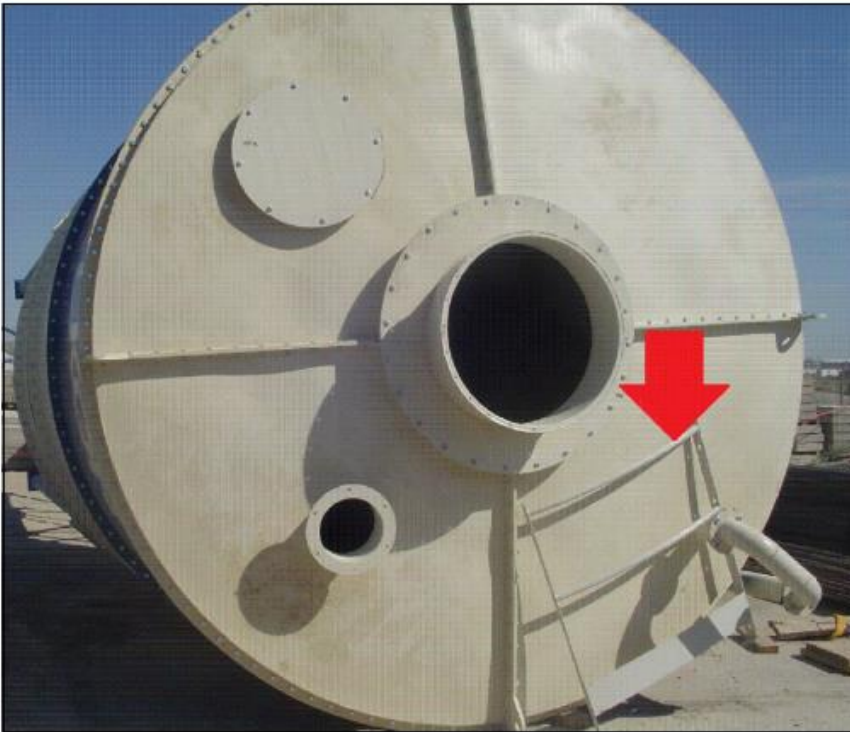
Layout visuals of filling pipe fixing apparatus in 100-125 and 150 tons cement silos are given. Complete the assembly of the apparatus according to how many tons your cement silo is.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



Connection detail visuals of pipe fixing apparatus are given as shown.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



Before assembling the filling pipe as shown, insert one railing into the filling pipe as shown in the visual. Place the filling pipe in place as shown in the other image and complete the assembly with the help of bolts from the flanges.

STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

STANDART-ORTAK

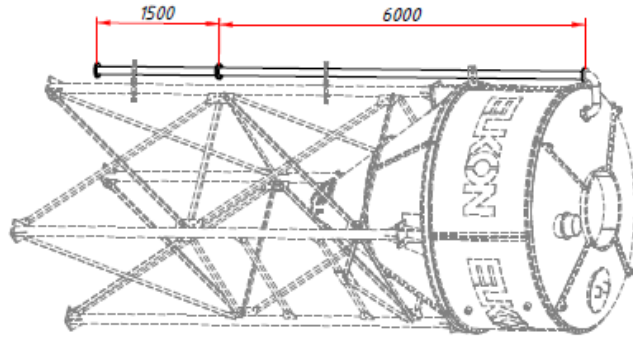
Tüm hakları Elkon 'a aittir.

elkon

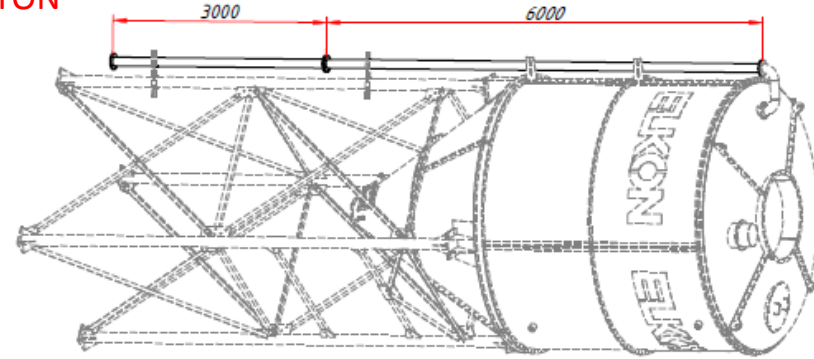
TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

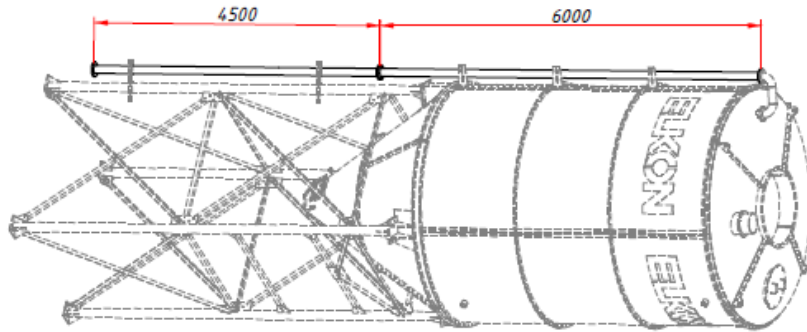
30 TON



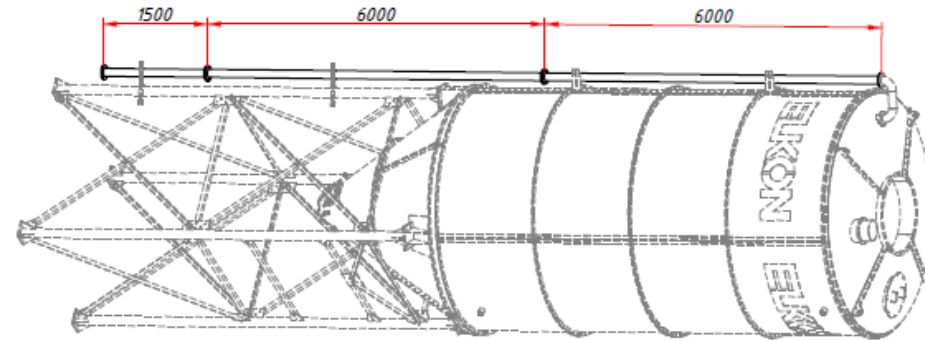
50 TON



75 TON



90 TON

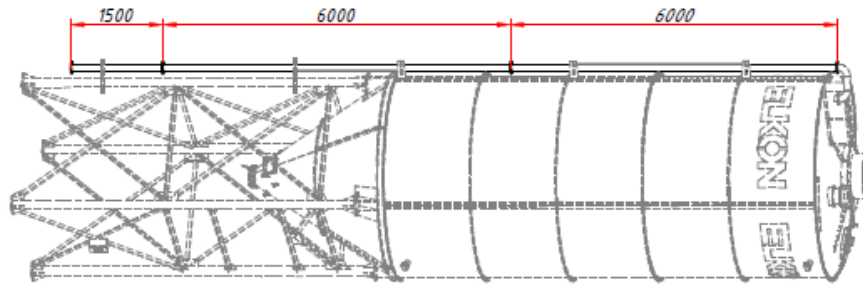


30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

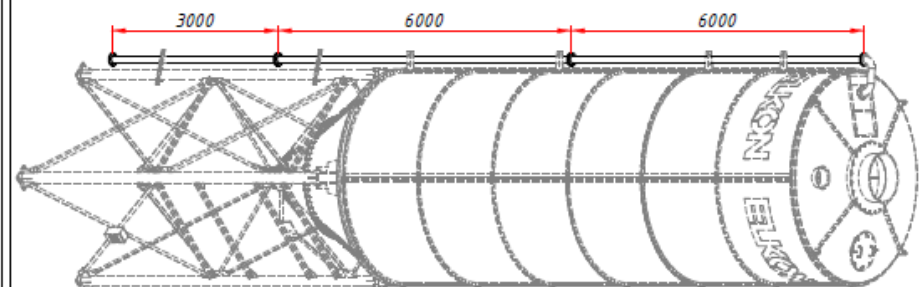
As shown, measured assembly visuals of the filling pipes according to the tonnages of the cement silos are given. Complete the filling pipe assemblies in accordance with these visuals.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

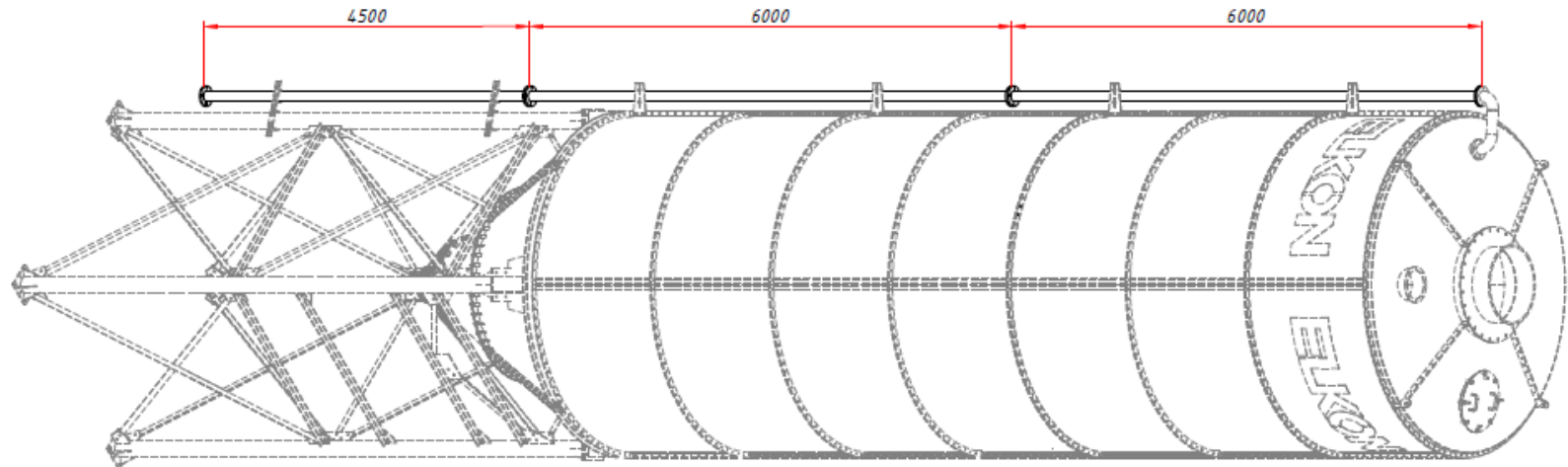
100 TON



125 TON



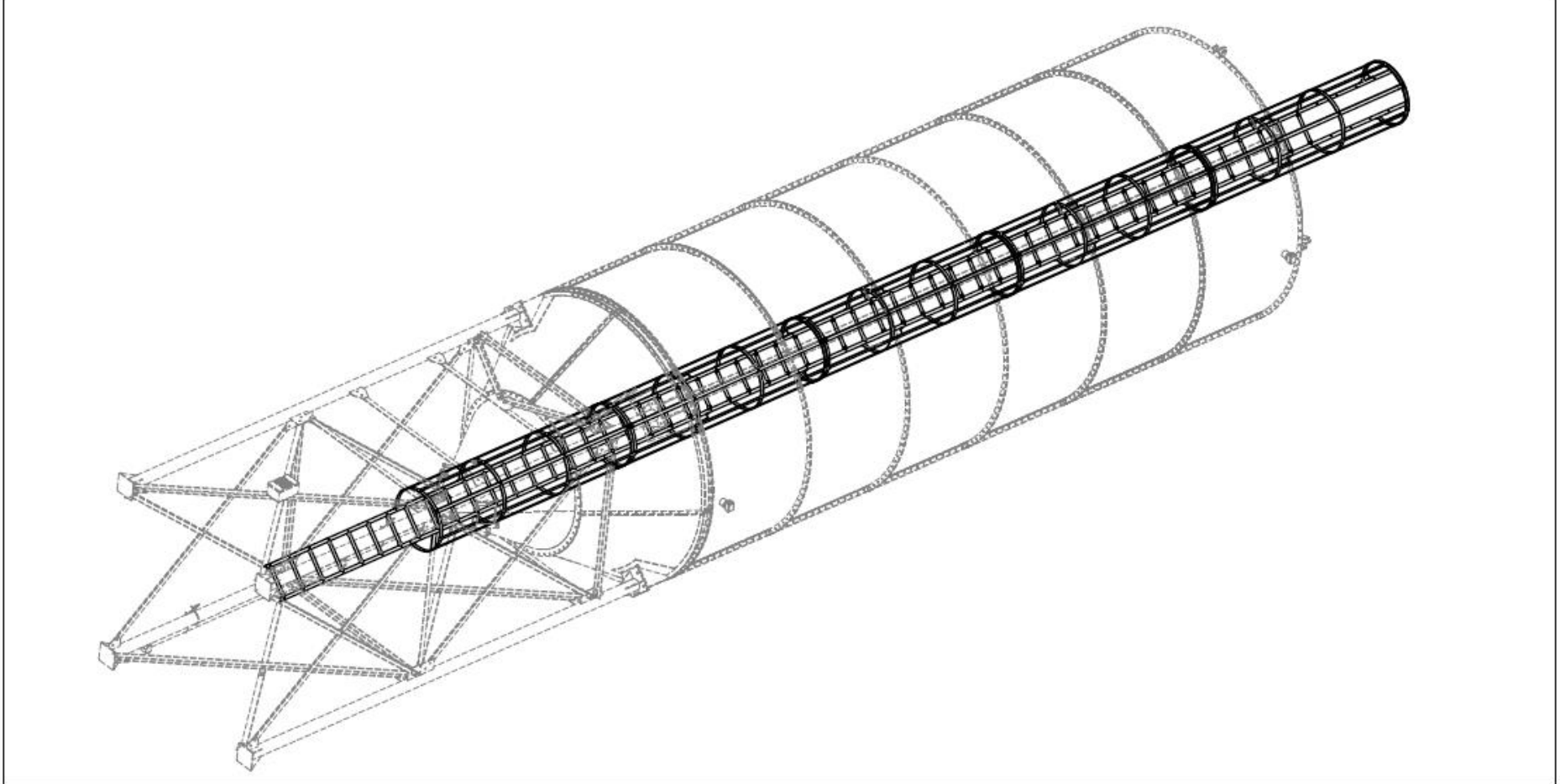
150 TON



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown, measured assembly visuals of the filling pipes according to the tonnages of the cement silos are given. Complete the filling pipe assemblies in accordance with these visuals.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



STANDART-ORTAK

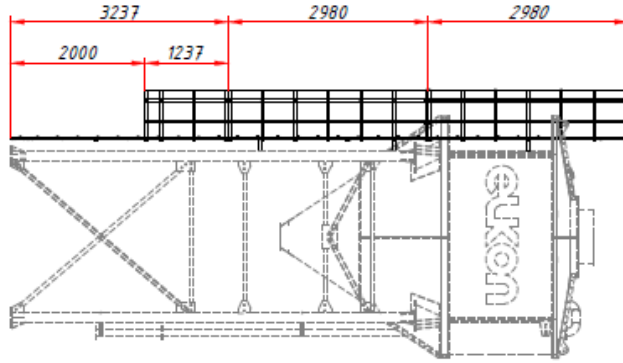
Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

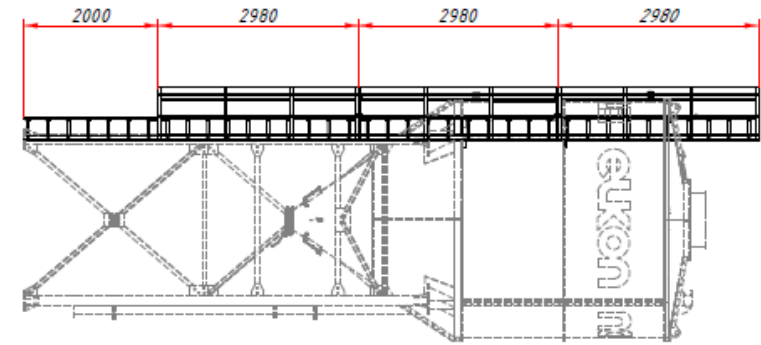
As shown in the image, the next process is the assembly of the seaman ladders of the cement silos.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

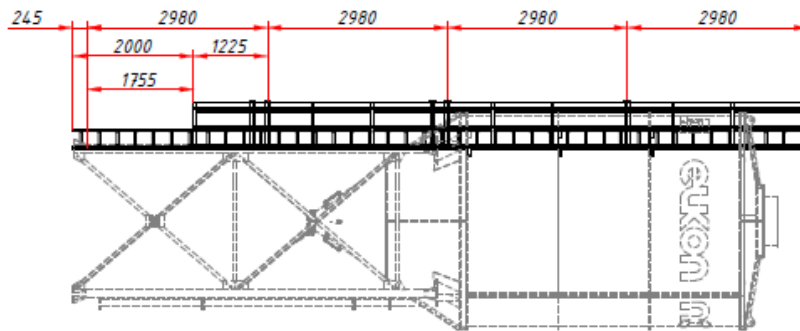
30 TON



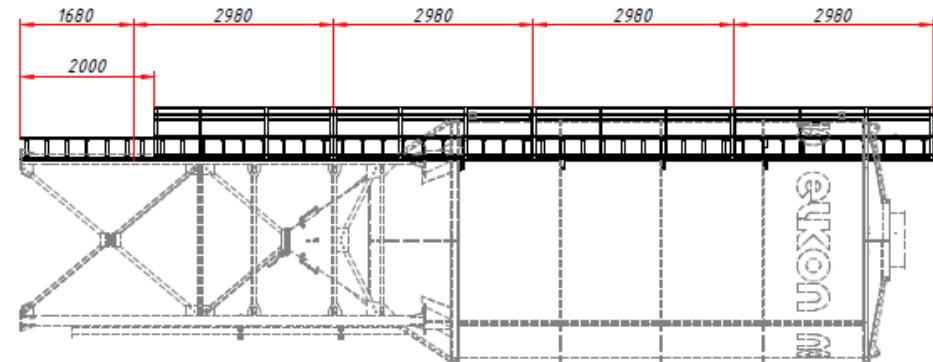
50 TON



75 TON



90 TON



STANDART-ORTAK

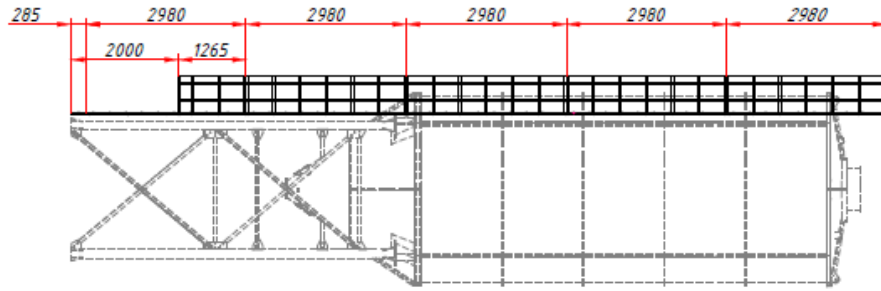
Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

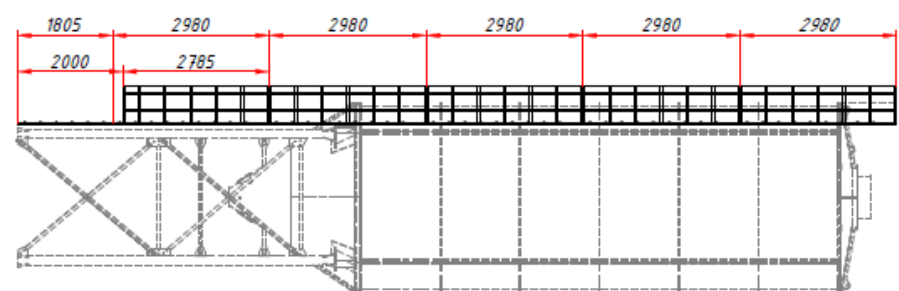
As shown, dimensional visuals of the seaman ladders of 30-50-75 and 90 tons cement silos are given. Since the seaman ladders are shipped in pieces, collect the seaman ladder according to the dimensions suitable for how many tons your cement silo is.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

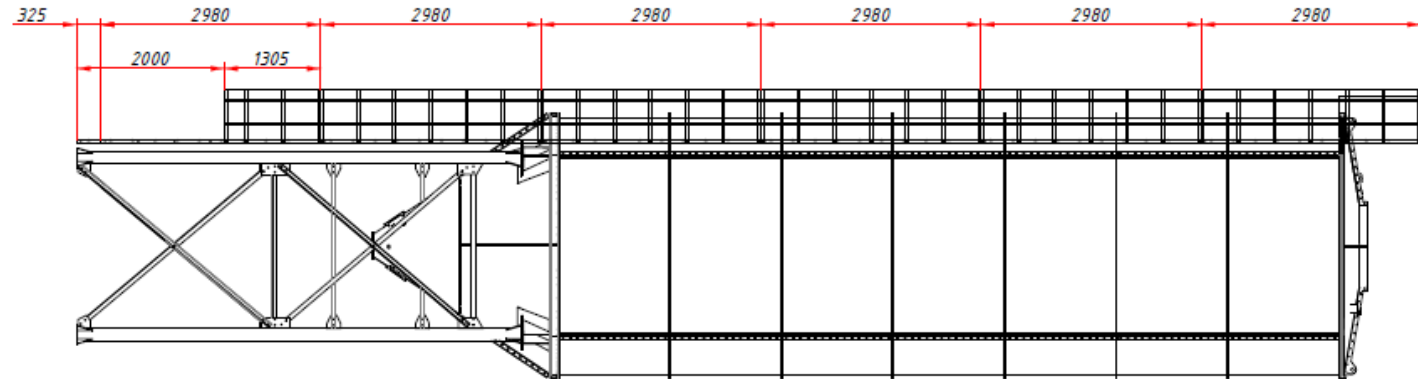
100 TON



125 TON



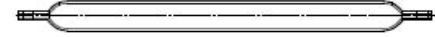
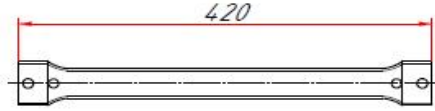
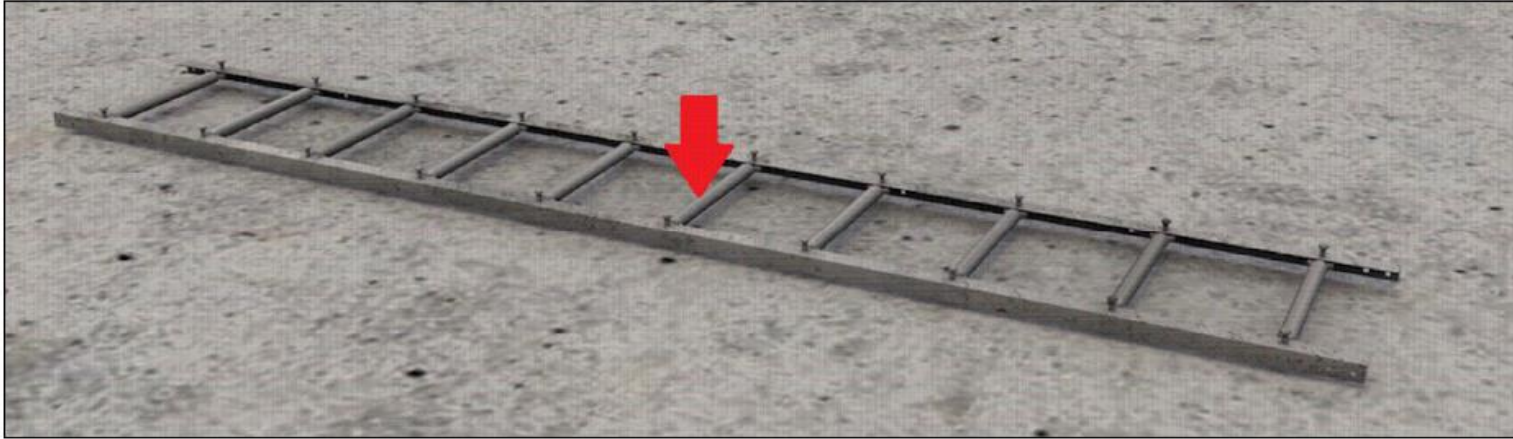
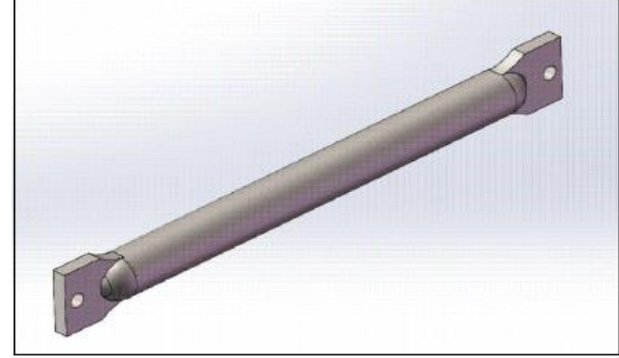
150 TON



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown, dimensional visuals of the seaman ladders of 100-125 and 150 tons cement silos are given. Since the seaman ladders are shipped in pieces, collect the seaman ladder according to the dimensions suitable for how many tons your cement silo is.

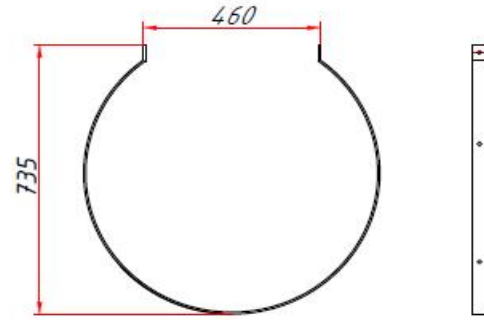
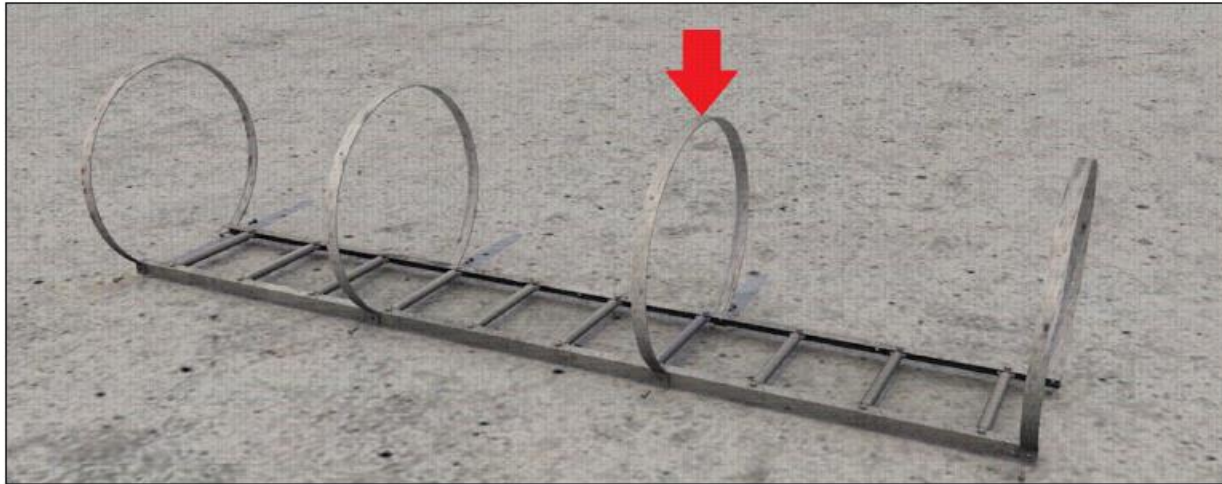
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

**GEMİCİ MERDİVENİ BASAMAĞI**

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown, the dimensions and visual of the sailor ladder step are given. As shown in the other image, place the steps in the connection holes in the ladder bracket so that they come to the inside. Complete their assembly with the help of bolts through the connection holes.

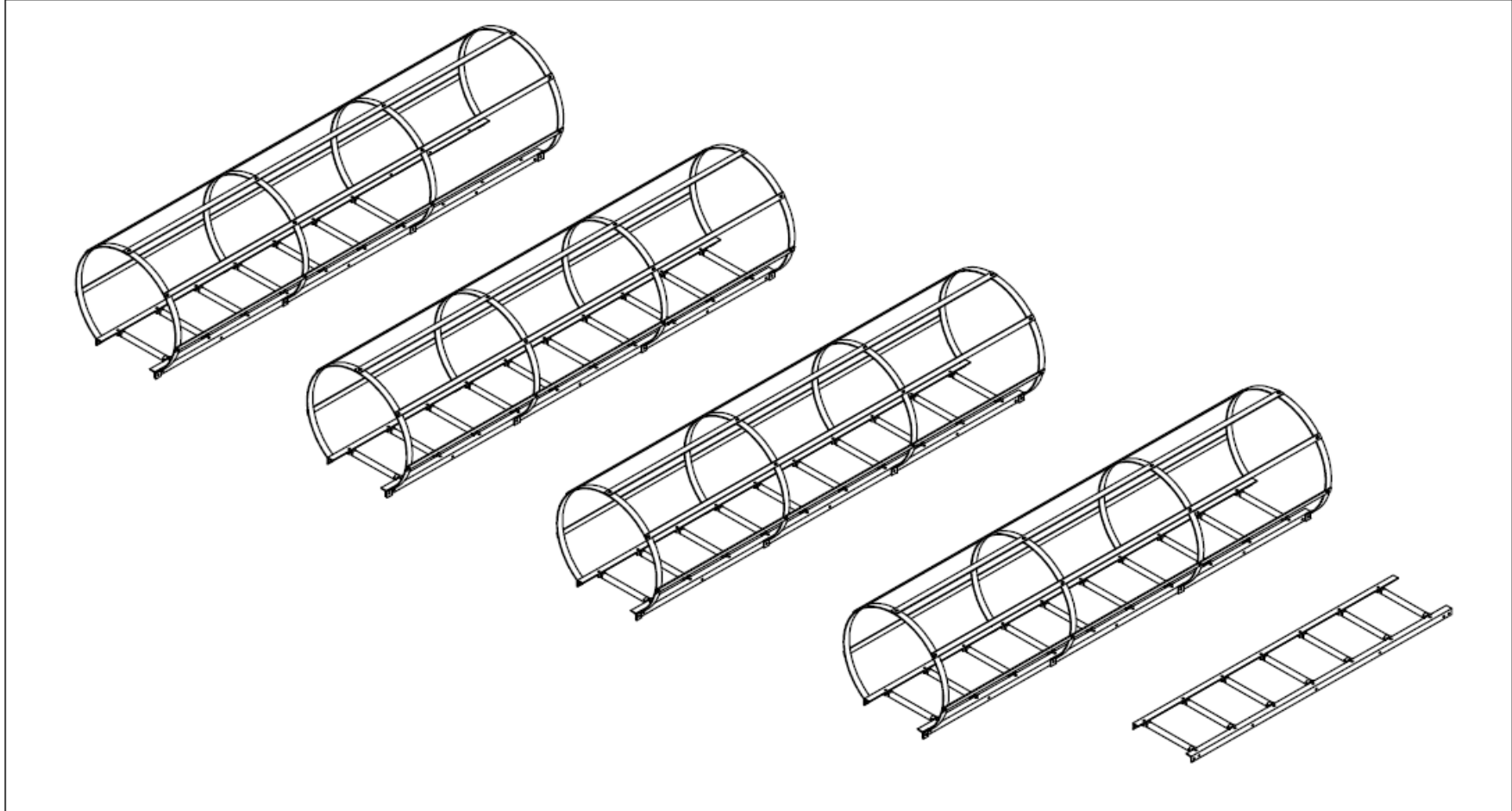
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

**GEMİCİ MERDİVENİ KORKULUK LAMA -1**

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown, the dimensions and visuals of the sailor ladder railing lama-1 are given. As shown in the other image, place the railing lama- 1 in their places and complete their assembly with the help of bolts through the connection holes.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



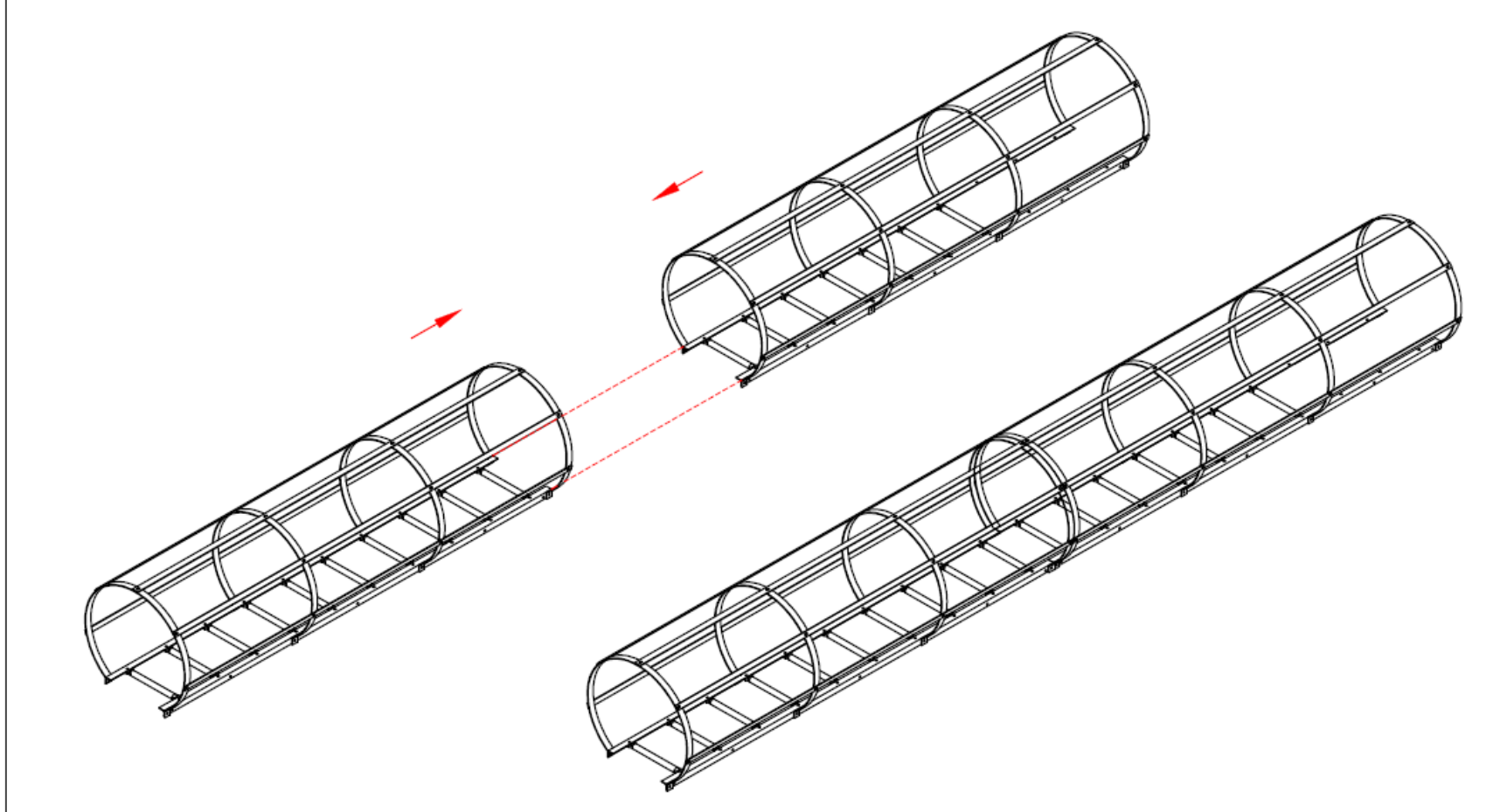
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

This is how you can collect the necessary sailor ladder modules with and without railings, as shown.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



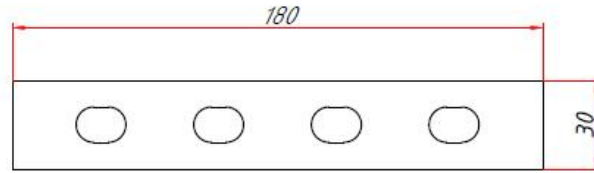
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

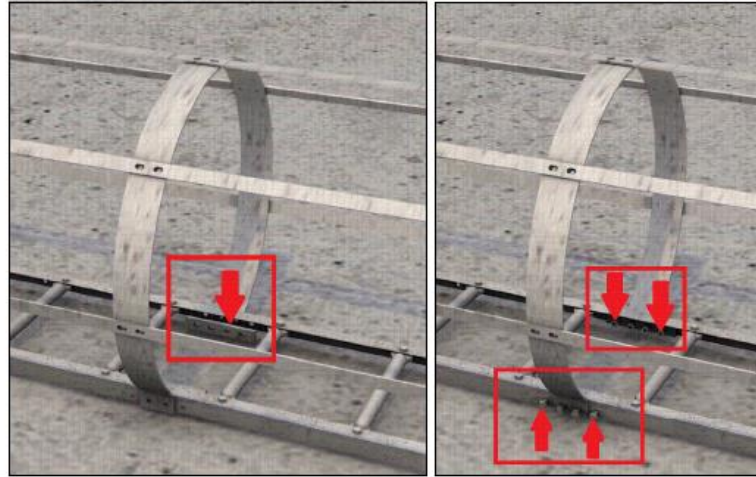
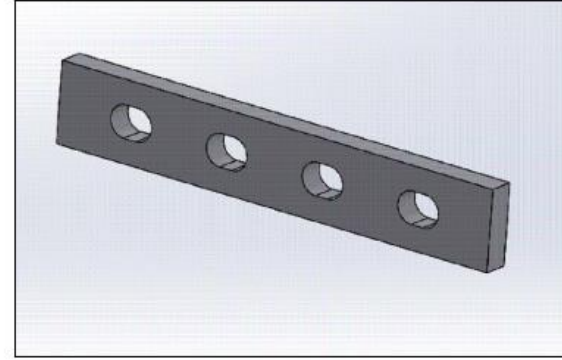
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown in the image, bring the two modules of the sailor ladder with railing closer together.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



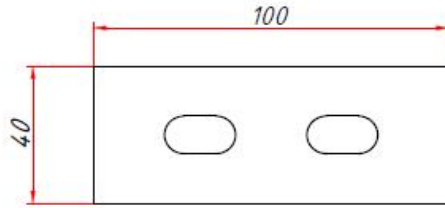
GEMİCİ MERDİVENİ BAĞLANTI PARÇASI



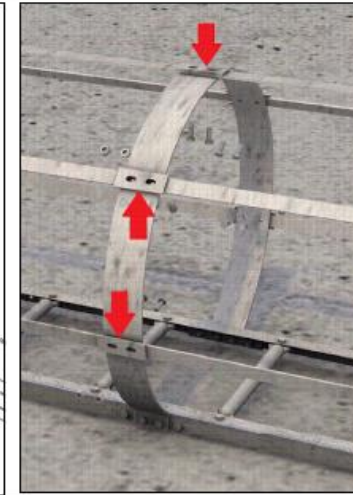
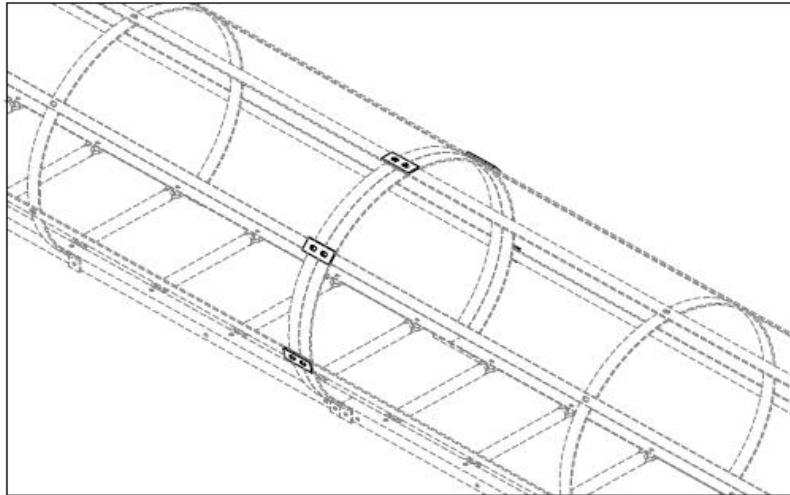
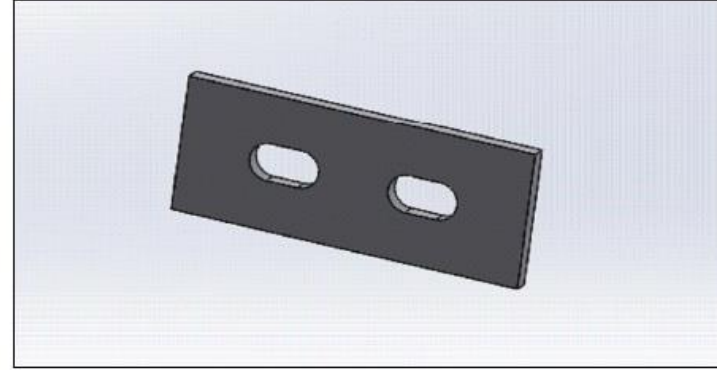
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown, the dimensions and visuals of the ladder fitting are given. In the other images, the connection details of the connection part are given. As shown in the image, place the connection piece on the inside where the two modules meet and complete the assembly with the help of bolts.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



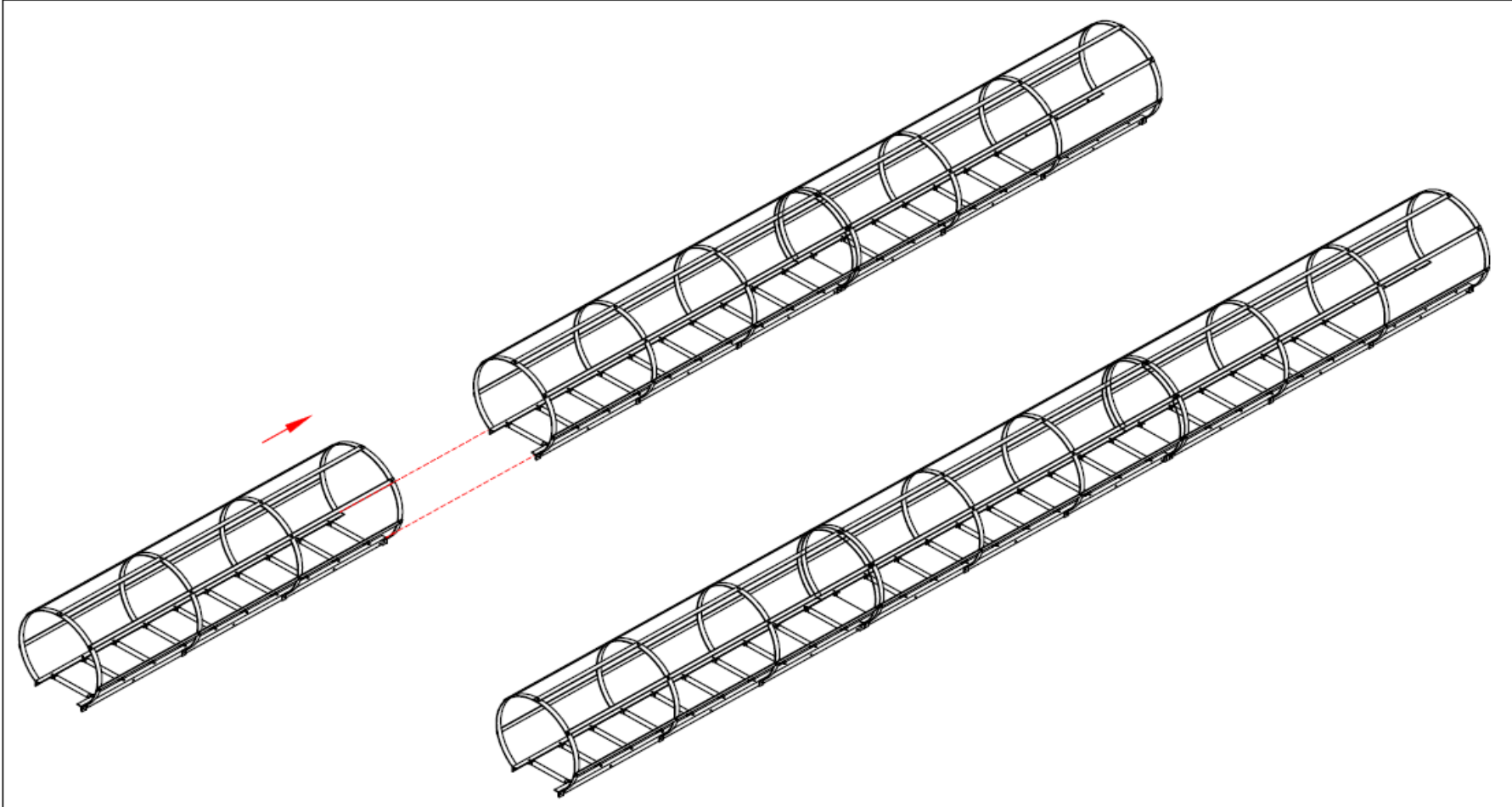
GEMİCİ MERDİVENİ BAĞLANTI PLAKASI



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown, the dimensions and visuals of the ladder fitting are given. In the other images, the connection details of the connection part are given. As shown in the image, place the connection piece on the inside where the two modules meet and complete the assembly with the help of bolts.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



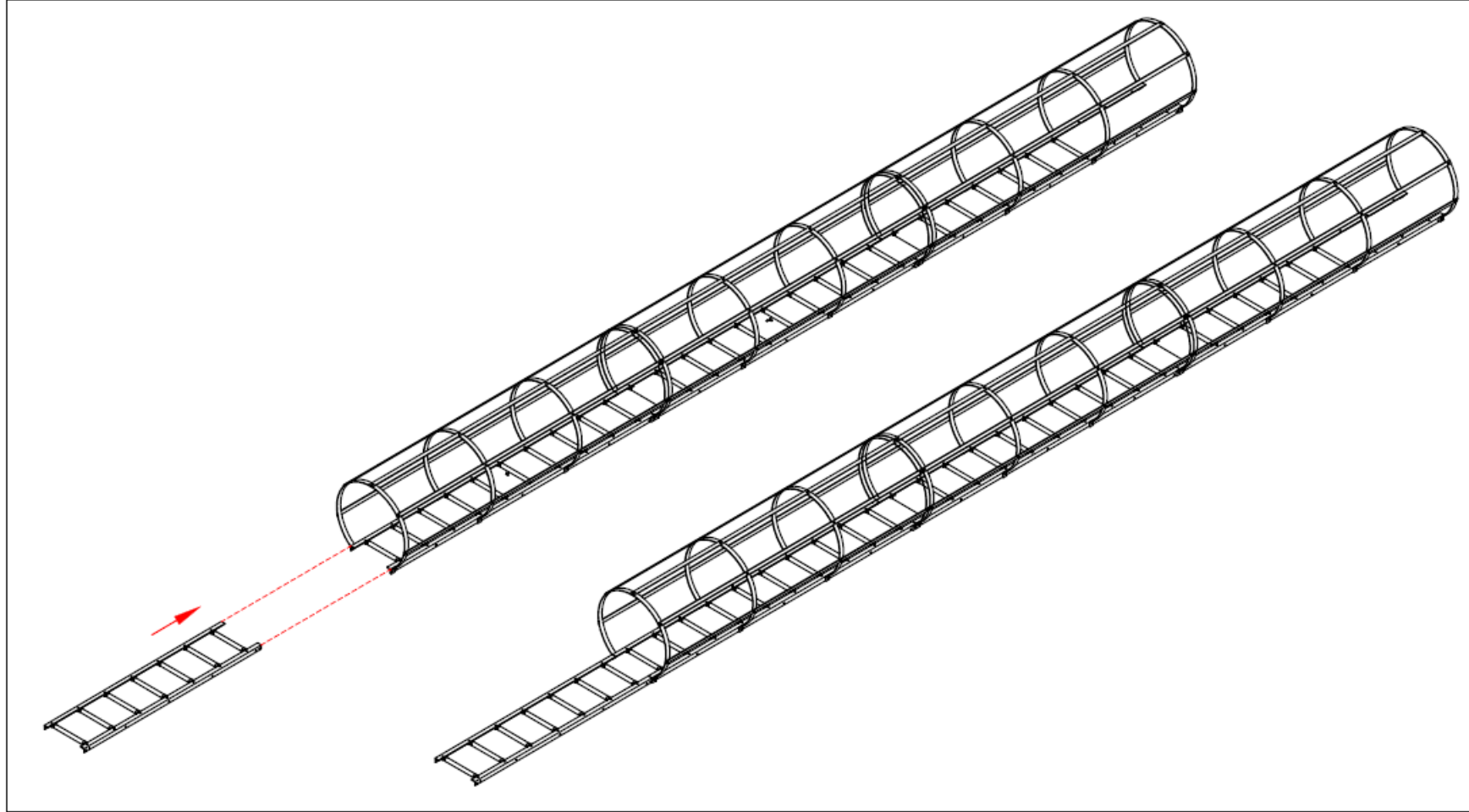
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Bring it close to the assembled module to complete the assembly of the other module as shown. Complete the assembly of the connection piece and the connection plate.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



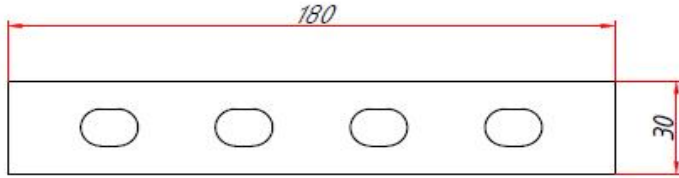
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

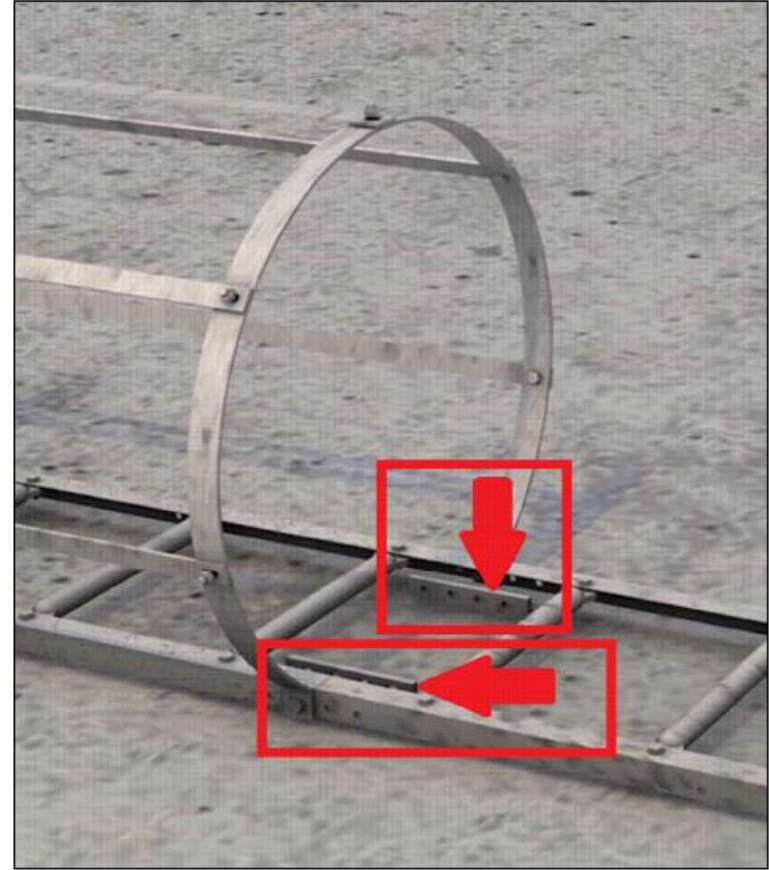
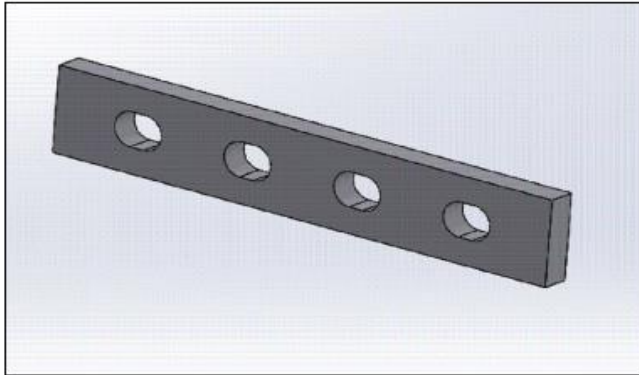
30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Bring it close to the assembled module to complete the assembly of the other module as shown.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



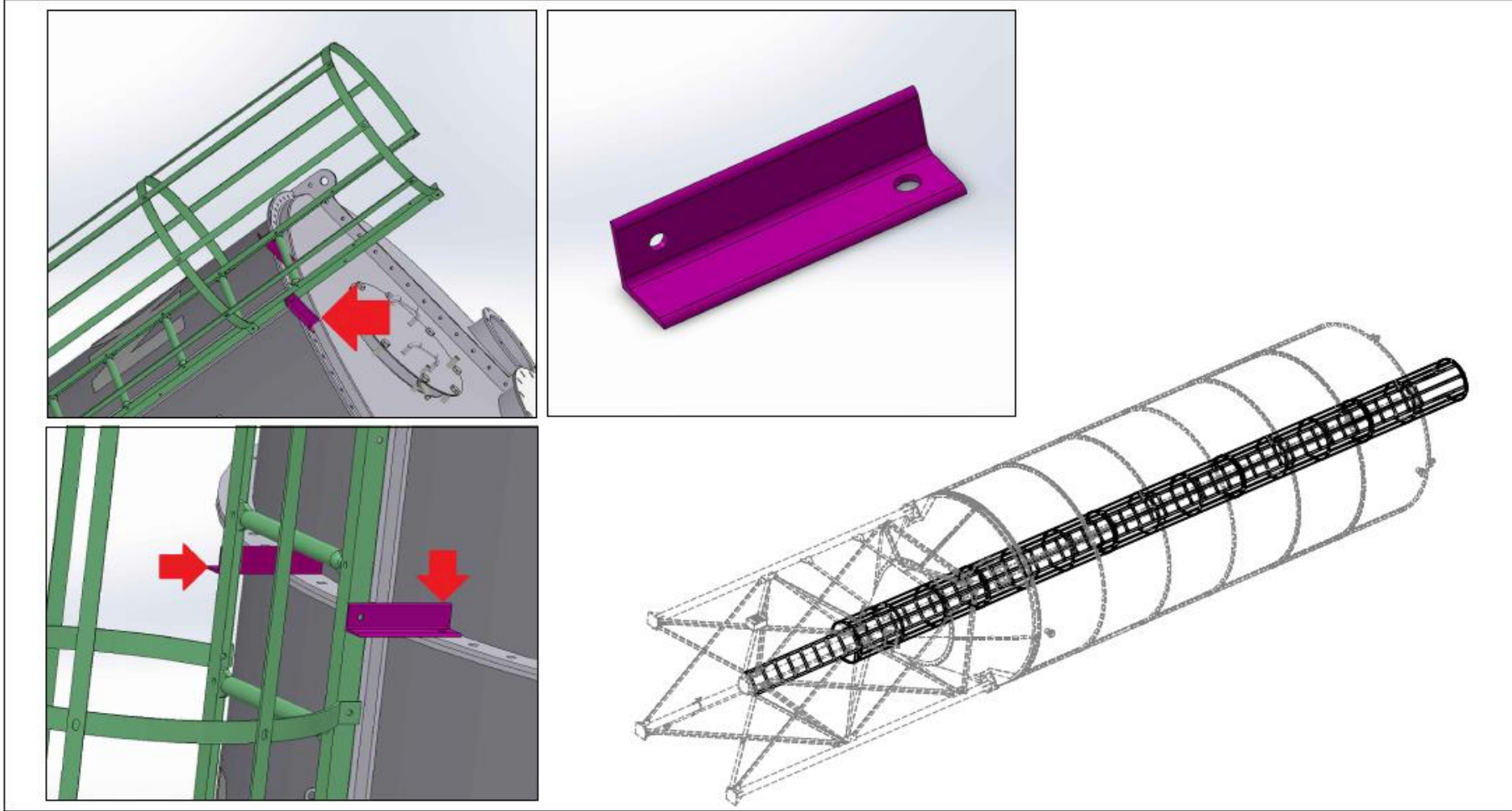
GEMİCİ MERDİVENİ BAĞLANTI PARÇASI



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Bring it close to the assembled module to complete the assembly of the other module as shown. Assemble the seaman ladder connection part with the help of bolts.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



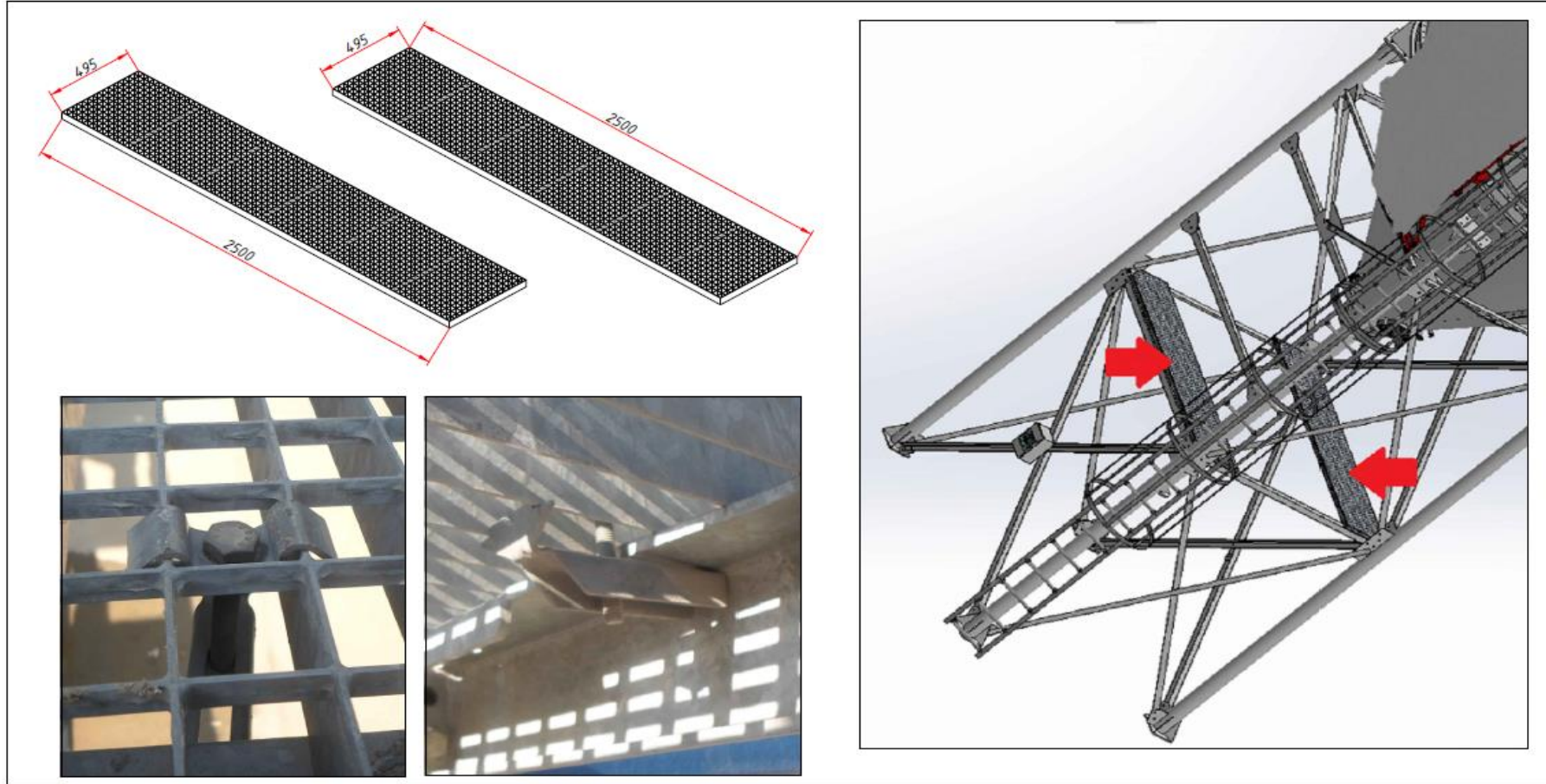
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Complete the assembly of the seaman ladder on the cement silo by using the connection apparatus as shown in the visuals.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



STANDART-ORTAK

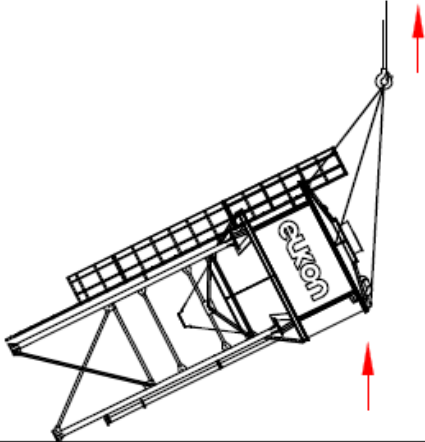
Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

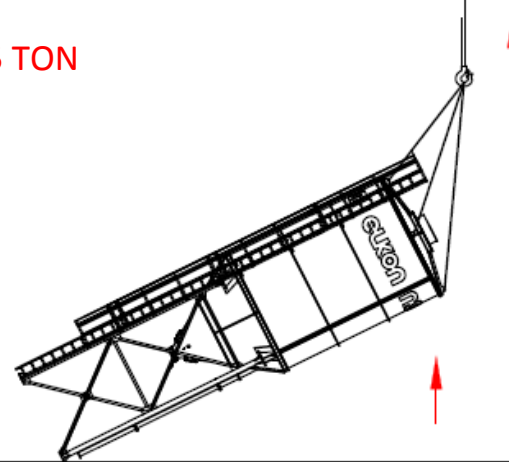
Measured visuals of the gratings are given in the image. Place and fix the gratings in place in accordance with the given visuals. Fixing details are given in other images. This process is done in all 30-50-75-90-100-125 and 150 tons cement silos.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

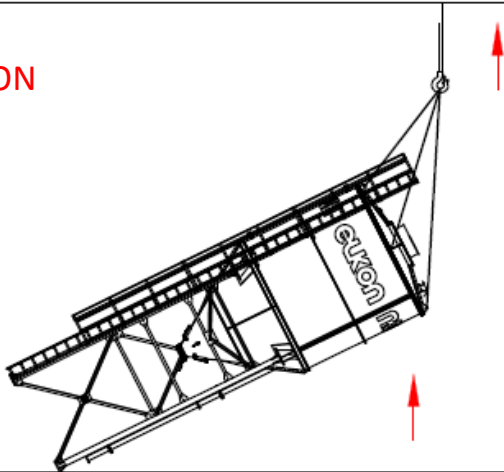
30 TON



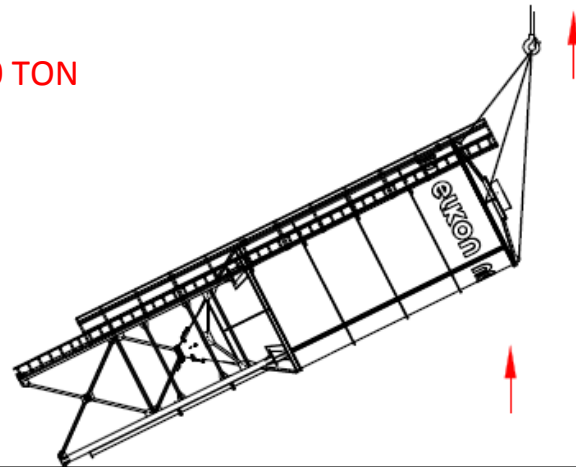
75 TON



50 TON



90 TON



STANDART-ORTAK

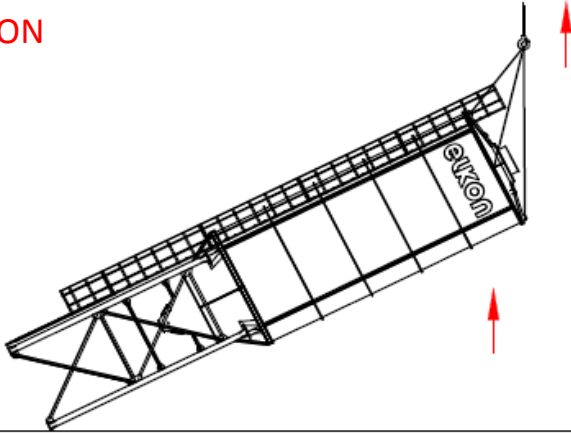
Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

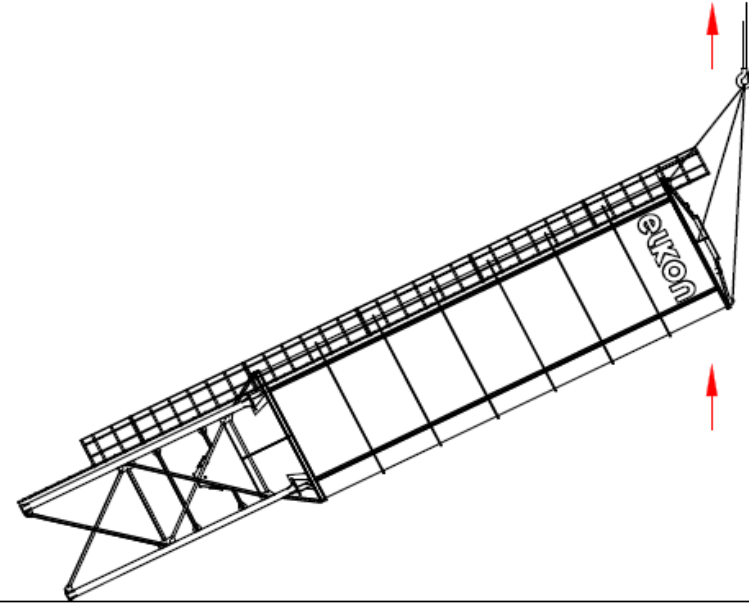
As shown in the visuals, tie ropes to the cement silo and lift it with the help of a crane.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

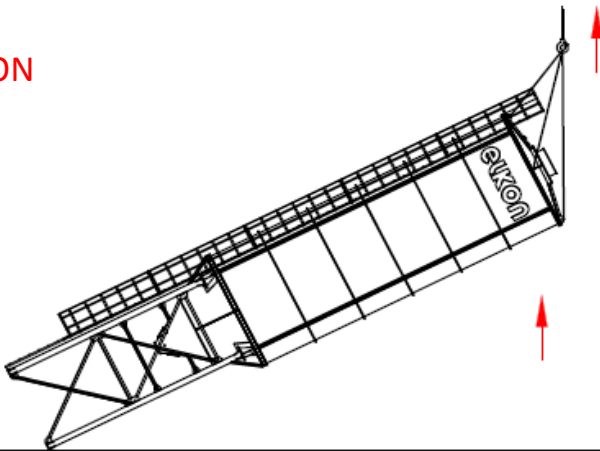
100 TON



150 TON



125 TON



As shown in the visuals, tie ropes to the cement silo and lift it with the help of a crane.

STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

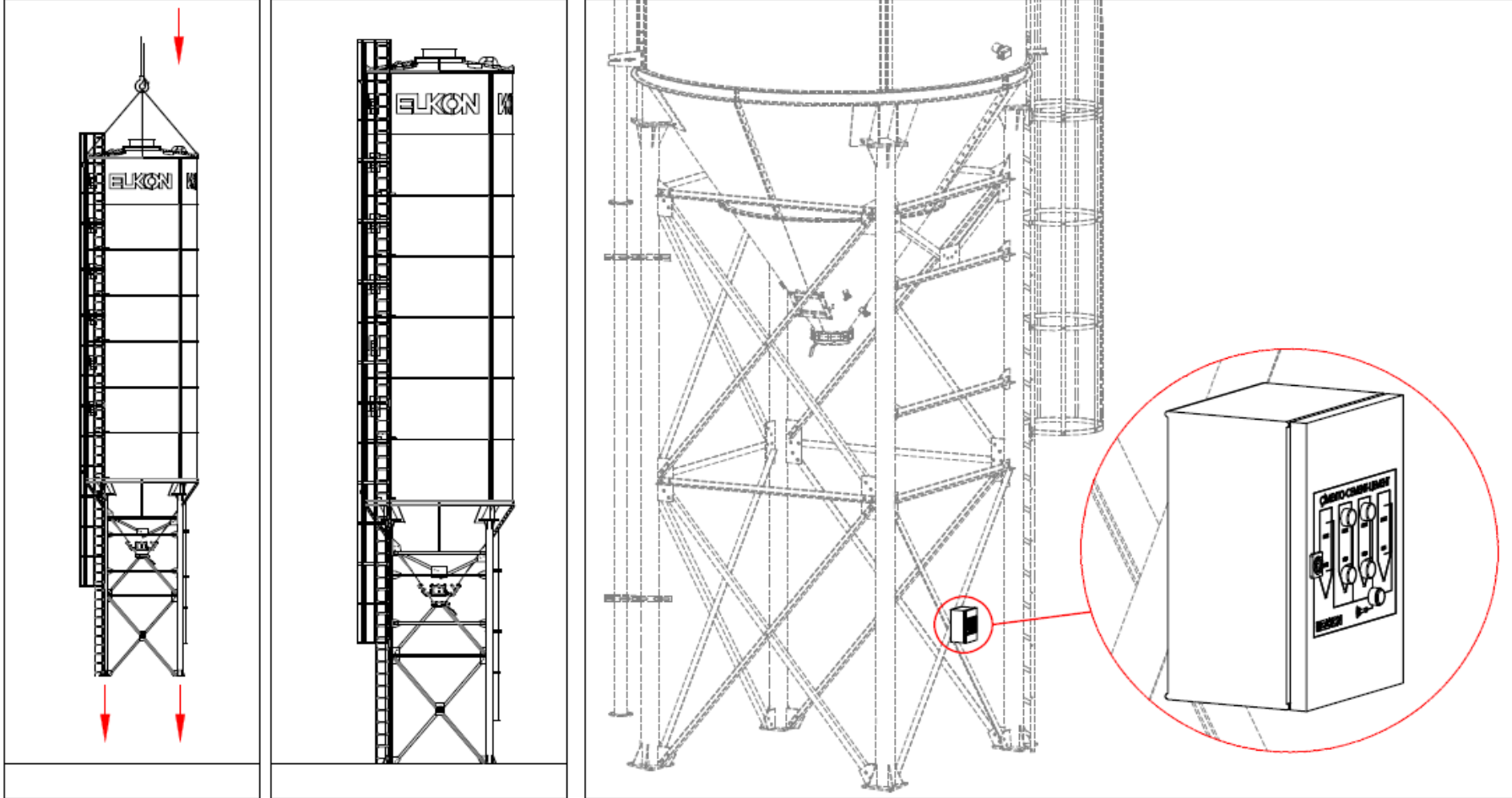
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

elkon

TUV EAC CE

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



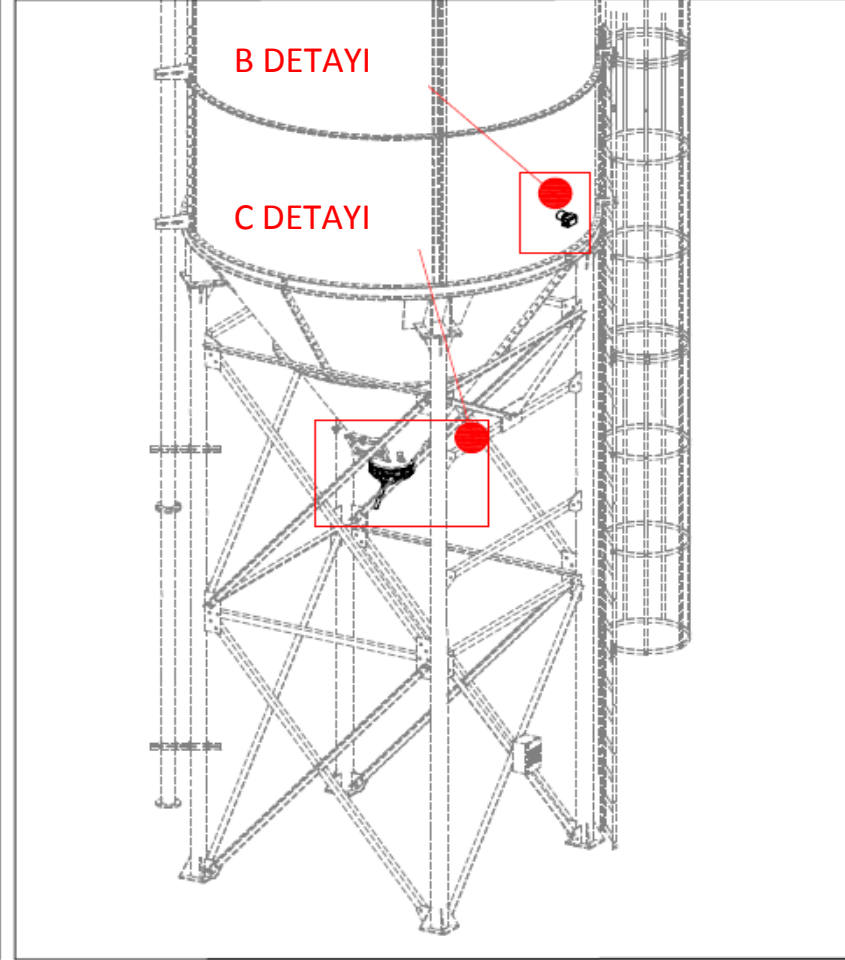
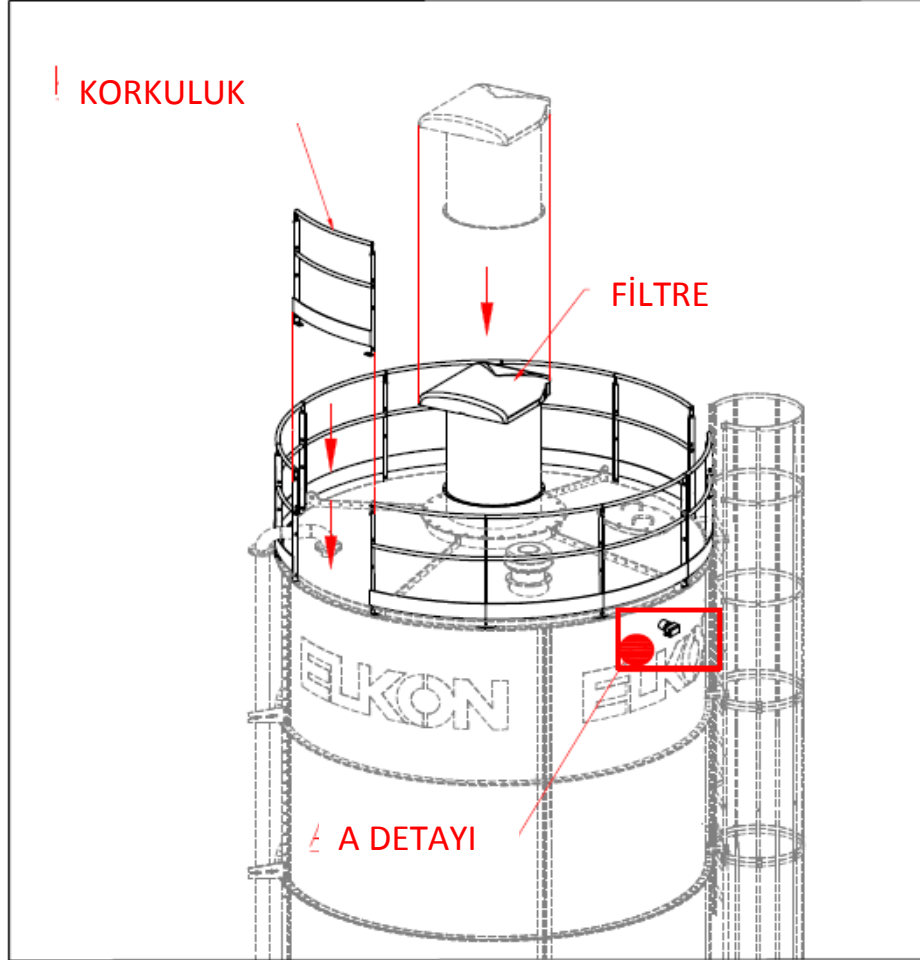
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

As shown, move and place the silo in accordance with the foundation dimensions with the help of a crane. Complete the assembly of the level board as shown in the other image.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



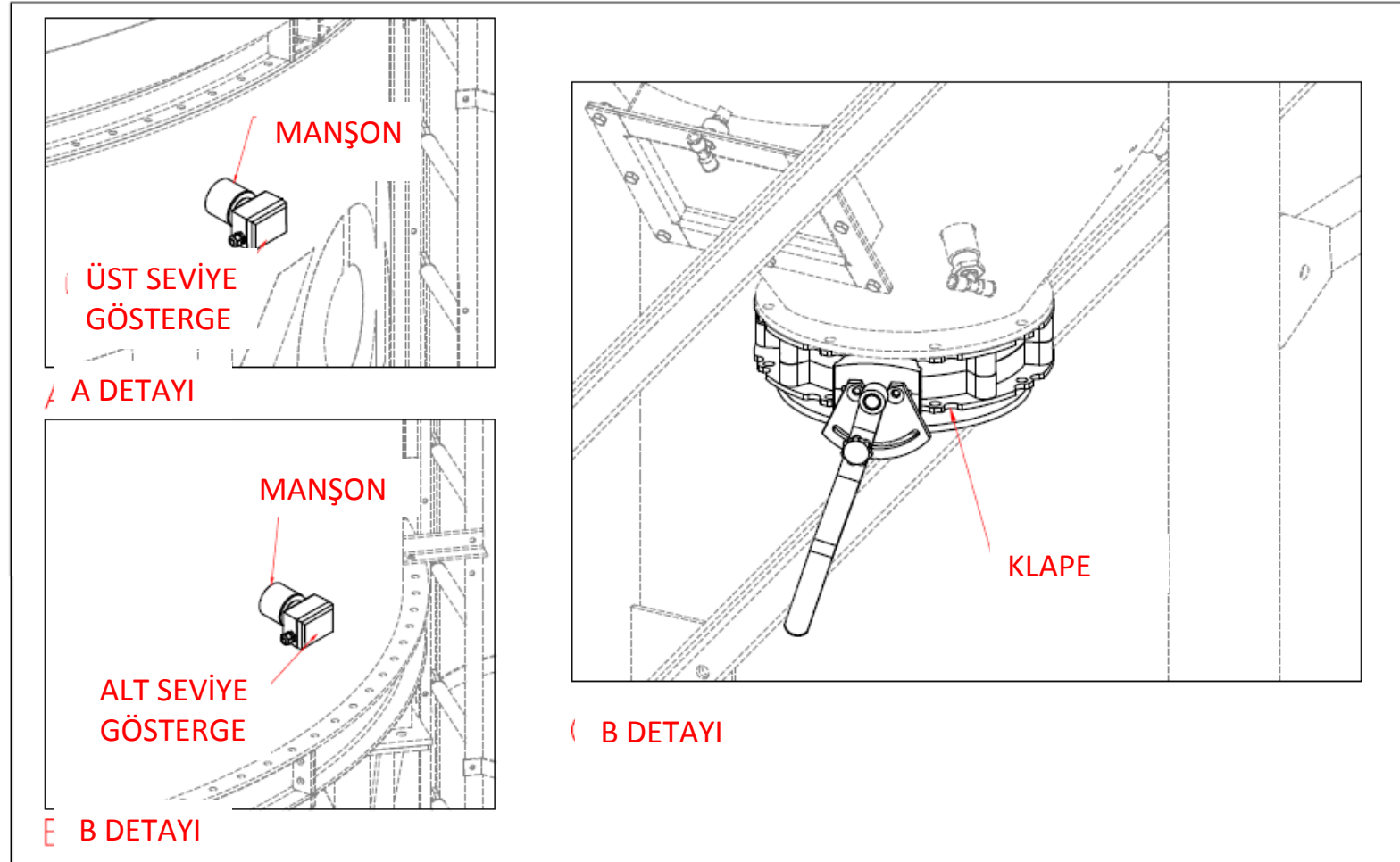
STANDART-ORTAK

Tüm hakları Elkon 'a aittir.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Complete the installation of the railing, filter and top level indicator of the cement silo as shown. First, take precautions for your own safety when climbing on the cement silo.

30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL



30 – 50 – 75 – 90 -100 – 125 VE 150 TON CEMENT SILO COMMON ASSEMBLY MANUAL

Images of details A, B and C are given as shown.