



Unicoft®

a unique company of commerce



01

**POULTRY
PRODUCTS & EQUIPMENT**
SILO

FLAT BASE SILO

For all types of grain storage needs, projects are accordingly initiated and Magnelis and Galvanized steel silos as well as carrier equipment are manufactured with the use of high technology utilizing high-quality materials, superior technology computer automation system and product development/design department.



CONICAL BASE SILO

Our conical base steel silos for grain storage have multi-purpose use. Conical base silos are produced within a range of 45-65 degrees base angle according to the flow characteristics of the grain stored.



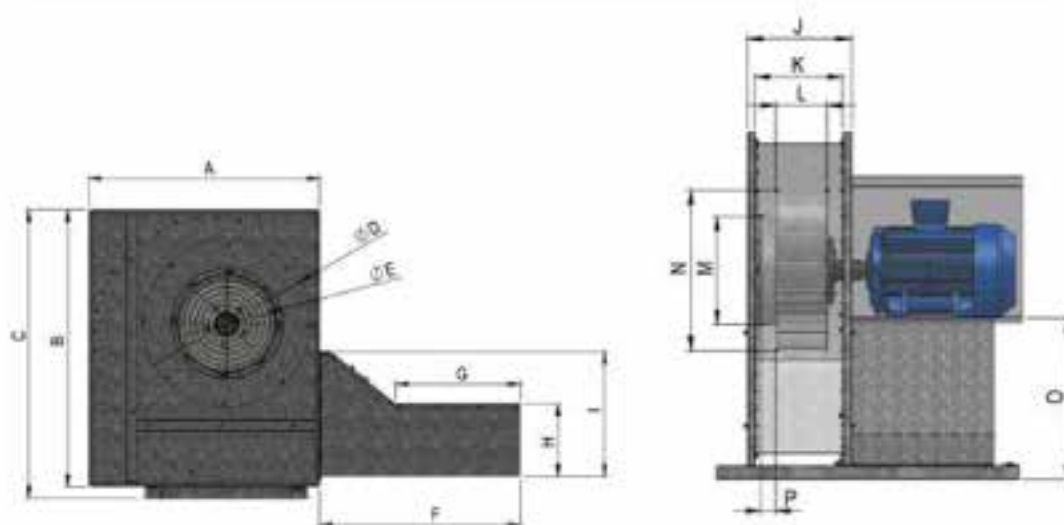
AERATION SYSTEM

Aeration channels are designed and built into the concrete foundation according to silo capacity and characteristics of grain to be stored. According to grain characteristics, these channels are covered with specially designed bent holed galvanized sheets.



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DIMENSIONS

A	B	C	D	E	F	G	H	I
750	800	400	380	220	330	280	180	325
750	800	400	380	220	330	280	180	325
850	900	400	440	280	330	280	180	325
850	900	400	440/480	280/320	330	280	180	325
850	900	400	480	320	330	280	180	325
930	1130	400	540	380	330	280	180	325
930	1130	400	540	380	330	280	180	325

ELEVATOR

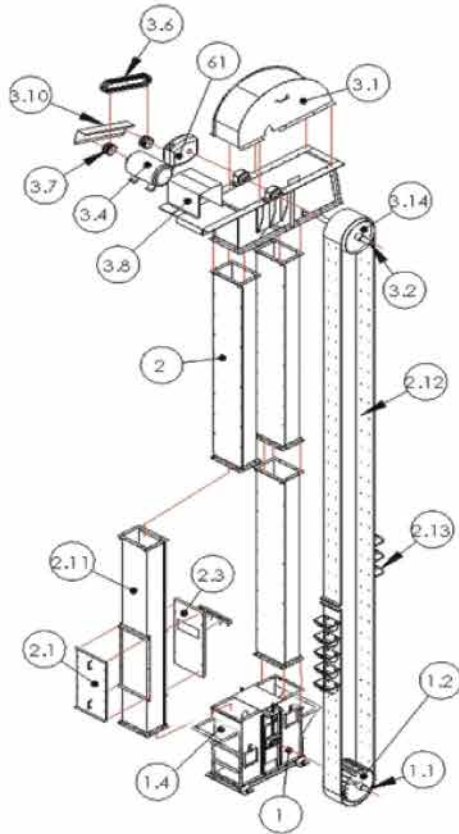
OBIAL bucket elevators allow economic vertical transport of grain. Elevator system is designed for grains and manufactured with heavy duty operational conditions in mind.



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DIMENSIONS



Tambur Ölçüsü	400 Tambur	500 Tambur	630 Tambur	760 Tambur	890 Tambur	1020 Tambur
A	2000	2100	2200	2800	3600	3700
B	680	820	720	885	1200	1330
C	570	670	720	790	930	1130
D	Projeye göre	Projeye göre	Projeye göre	Projeye göre	Projeye göre	Projeye göre
E	510	510	510	680	750	800
F	405	410	550	705	690	790
G	340	450	575	730	870	980
H	265	265	265	325	350	360
I	940	1140	1365	1425	1585	1910
J	670	1070	1300	1350	1300	1750
K	550	570	700	750	815	1000
L	945	1040	1200	1450	1530	1800
M	380	420	540	600	565	730
N	800	870	1100	1150	1150	1450
O	400	400	400	480	650	660
P	1040	1040	1040	1040	1000	1040
R	480	495	500	630	500	780
S	590	610	650	740	925	1020

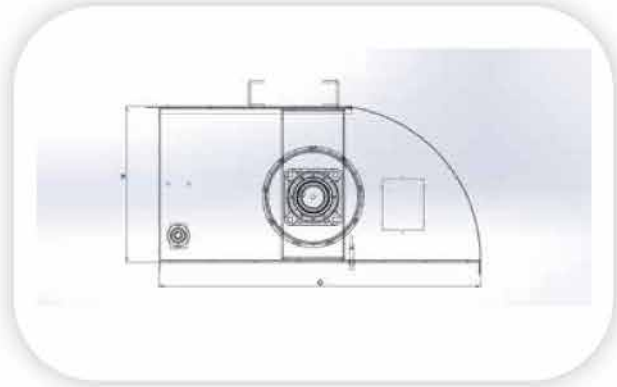
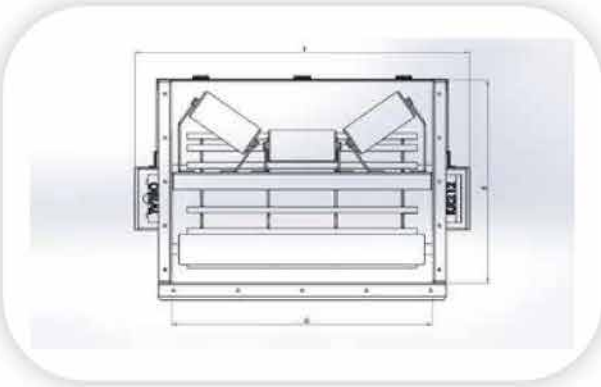
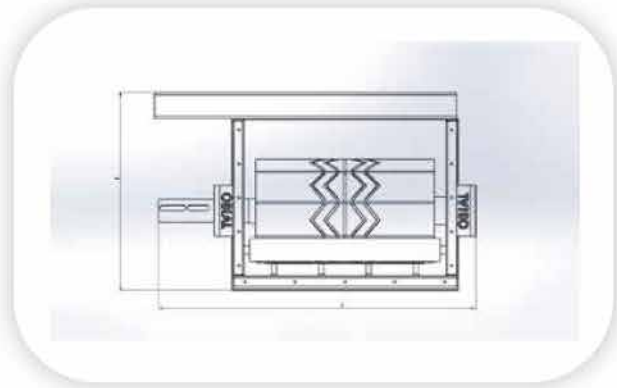
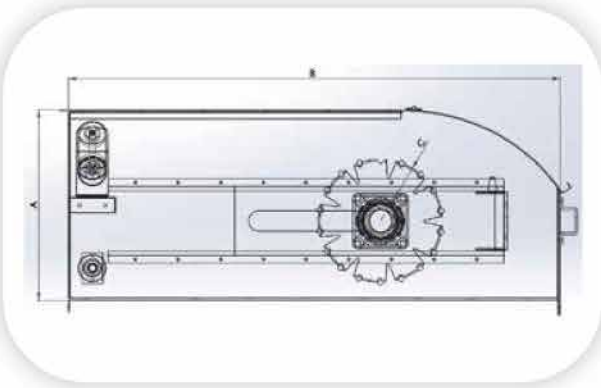
CONVEYOR

Our chain conveyors allow economical horizontal and angled transport of grains without damage. We provide various size and capacity conveyor options. Our chained conveyor capacities can range from 20T/h to 600T/h. Chains of all our conveyors are specially hardened for heavy-duty operational conditions. Plastic grain sweep wings minimize the friction between conveyor case surface and chains.

Grain sweeping wings are made from UHMW 1000 plastic material, joined with bolts and mounted on chains. Chains move easily on plastic rollers located in intervals inside the conveyor case. Conveyor chain gears are produced from hardened steel. In comparison to mono-block welded conveyors, our chain conveyors produced with a bolt system provide economic installation and maintenance opportunity.



BELT CONVEYOR



DIMENSIONS

Bant Konveyör Tonajı (T/h)	Bant Hızı (m/s)	Bant Geniřlięi (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	K (mm)
50 - 150	0,7 - 2,5	600	610	1550	400	770	600	990	1250	610	1210	1170
150-250	1,8 - 3,5	800	700	1550	400	1000	700	1250	1250	700	1450	1250
250-400	1,8 - 3,5	1000	850	1650	500	1200	850	1450	1350	850	1600	1350

DISTRIBUTOR

Our Multipath distributors manufactured from high strength sheet are used in dissemination of grain and is located under the top head of the elevator. Bolt system is used in all adjointments of the distributor. The desired grain flow path can be determined with a witch automatically or manually.



COMMAND SYSTEMS

Temperature control system used in our silos enables us to detect hot areas and insect activity and saves time of customers by removing the necessity of re-loading the grain conditions to the monitor again. Our temperature control system is composed of heat cables, heat sensors which measure the grain heat and built into the cables and heat monitors, portable or stationary.

There are special steel wire ropes which prevent the elongation of the heat cables. When the PLC is combined with the heat control system the thermal heat values of the grain inside a silo can also be controlled from the PLC screen.



AUGER SYSTEMS

Bottom unloading helezon allows the removal of grain from the silo. Lids are present on the helezon system and the mechanism which commands these lids enable safe unloading of the silo. Command mechanism opens the central lid while blocking the opening of other lids. Upon completion of flow from the central lid, other intermediate lids are opened. Helezon system is produced from galvanized sheet. Power is transferred directly from the motor reductor to helezon drive shaft. In this way the helezon operates more efficiently and safely.



STEEL SAFETY CONSTRUCTIONS

Cat-walks and rest platforms are present in all our silos. Cat-walks are designed and manufactured according to calculations of distance between carrying legs, load of chain conveyors, wind load, snow load, and other motion loads. Modular system connected with bolt system is easy to install and being galvanized does not require maintenance.

