

The AGI logo is positioned on the left side of the page, within a green semi-transparent overlay. It features the letters "AGI" in a bold, sans-serif font, accompanied by a stylized graphic element.

HANDLING SOLUTIONS







ADVANCING STORAGE, HANDLING AND PROCESSING SOLUTIONS THAT STRENGTHEN AND SECURE THE GLOBAL FOOD SUPPLY CHAIN.

AGI is a global leader in supplying farm and commercial customers with the manufacturing, planning, and engineering of full equipment solutions for grain, fertilizer, seed, feed, and food. AGI's expertise enables the storage, blending, mixing, conveying, conditioning, processing, and protection of agricultural products and inputs worldwide.



MANUFACTURING FACILITIES

28

MANUFACTURING FACILITIES
AROUND THE WORLD

SALES INTO **>100** COUNTRIES

ABOUT AGI EMEA

For over 30 years, AGI's Europe, Middle East, and Africa (EMEA) division has been focused on providing manufacturing solutions that meet the unique needs of key grain, rice, feed and fertilizer producing areas of the world. From its headquarters in Ozzano dell'Emilia, Bologna, Italy, as well as its two state-of-the-art manufacturing facilities in Fiesso d'Artico and Este, Italy, AGI EMEA serves a wide range of customers in various industry sectors including farm, grain trading, milling and feed mills.

From initial design, to manufacturing, to installation, AGI has earned its reputation as a trusted partner for turnkey and full-system grain storage and handling solutions. AGI manufactures a complete assortment of equipment including silos, catwalks, ladders, platforms, bucket elevators, conveyors, temperature systems, sweeps, weighing, bagging, dryers, fertilizer, and feed solutions.

LEADER IN HANDLING EQUIPMENT

AGI is a world leader in the design and manufacturing of grain handling, storage and processing equipment. AGI PTM and AGI Tramco's product lines include bucket elevators, chain conveyors and belt conveyors with handling capacities of up to 1,500 t/h.

Our skilled team of in-house engineers is here to partner with you to help move your operations forward. AGI delivers solutions for an array of applications and industries such as of port installations, grain trading, milling, feed mills, pelletizers and bio-fuel processing plants.

AGI's solutions have been installed in over 34 countries across the EMEA region. They operate in a wide range of different climate conditions, and serve industries working with a variety of materials such as:

- Grains (wheat, maize, barley, rice)
- Oilseeds (soybean, sunflower, rapeseed)
- Flour for human consumption
- Feed and ingredients for livestock
- Malt & grits
- Pellets (DDGS)
- By-products (bran, waste)



9001:2015 - 6980/2





CHAIN CONVEYORS

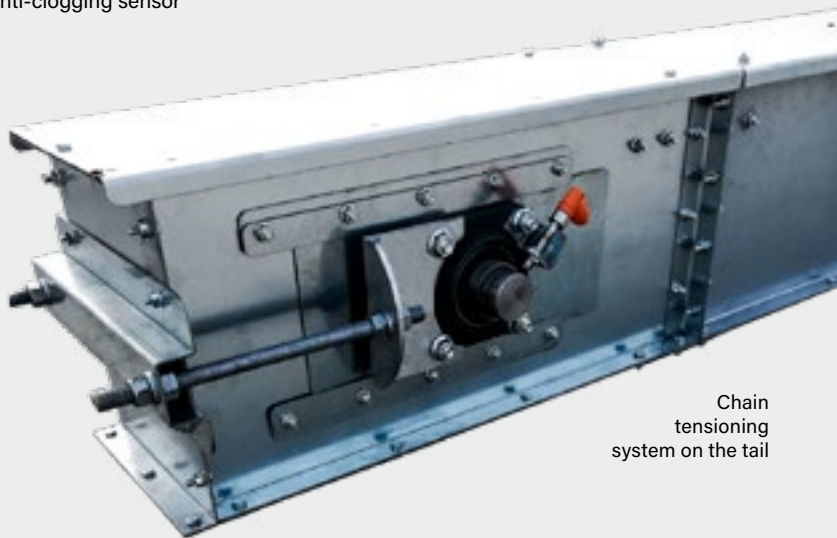
L-LINE FARM APPLICATION

AGI PTM's L-Line chain conveyor is designed to suit agricultural applications. With capacities up to 200 t/h, it is the best solution for operating during the harvest period.

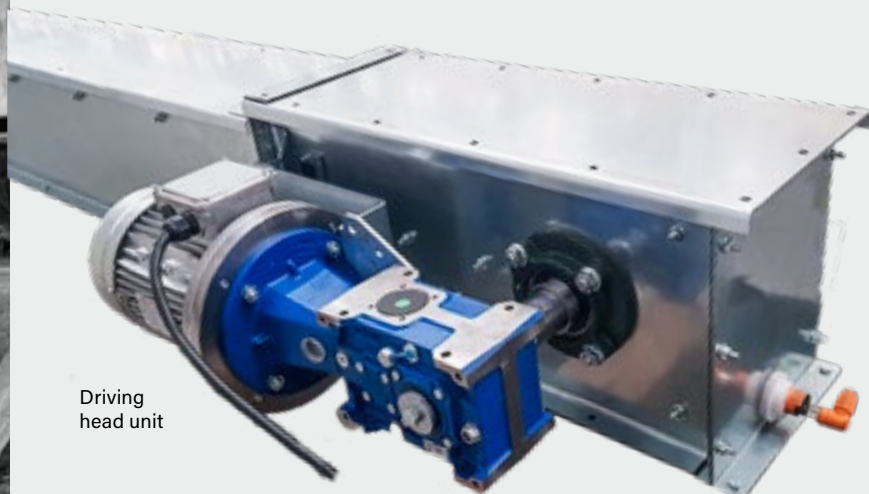
Made with galvanised steel, the L-Line's modular and structured design delivers an efficient and cost-effective solution for transporting materials from your storage silos.

MAIN FEATURES

- Inspection windows
- Chain tensioning system on the tail
- CE certified
- 8° maximum tilt
- Pre-galvanized steel
- IE3 electric motor
- Anti-clogging sensor



Chain
tensioning
system on the tail



Driving
head unit

UP TO
200 t/h
CAPACITY

DRIVING HEAD

- Direct drive gear motor
- Driving head sprocket with hardened teeth
- Self-cleaning drive head

TAIL

- Chain tensioning system on the tail
- Speed monitoring system

CASING

- Intermediate trunking for ease of assembly
- Bent-link chain with UHMW scrapers

ACCESSORIES

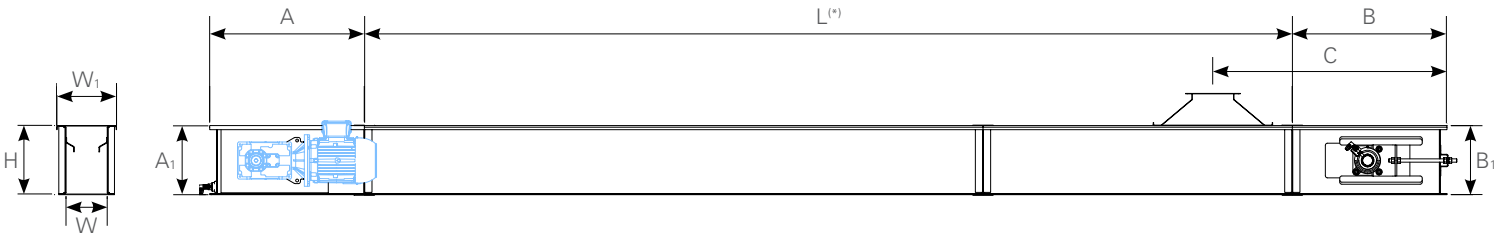
- Inlet hopper with flow regulation (manual control)
- Discharge hopper
- Longitudinal slide gate
- Side-inlet trunking
- Adjustable supporting legs
- ATEX certification Z22
- Bottom machine liner
- Connections, hoppers and valves
- Return cups



Technical Specifications

MODEL	CAPACITY ^(*)	MAIN DIMENSION (MM)								DRIVING HEAD (MM)			CASING (MM)			TAIL (MM)		
	T/H	W	W1	H	A	A1	B	B1	C	SIDES	BOTTOM	COVER	SIDES	BOTTOM	COVER	SIDES	BOTTOM	COVER
TCL.050	50	200	290	335	750	335	750	335	1100	2+2	3	2	2	3	2	2	3	2
TCL.100	100	200	290	335	750	335	750	335	1100	2+2	3	2	2	3	2	2	3	2
TCL.150	150	300	390	335	750	335	750	335	1100	2+2	3	2	2	3	2	2	3	2
TCL.200	200	400	490	335	750	335	750	335	1150	2+2	3	2	2	3	2	2	3	2

*Nominal capacity based on dry cereal (m.c. 14%) - bulk density 0,75 t/m3 - impurities <4%
L(*) Variable (Standard lenghts =1500/3000mm)



CHAIN CONVEYORS

A-LINE MEDIUM DUTY

A-Line chain conveyors are designed for applications from 20 t/h up to 300 t/h. These conveyors are the best solution for both small storages and seasonal traders with higher demand.

Featuring a strong and light weight design, A-Line equipment is the result of many years of continuous engineering improvements and optimizations. After collecting feedback and advice from our customers, we've developed the best solution to meet their grain handling operations.

MAIN FEATURES

- Continuously hot-dip coated Z275 galvanisation according to EN 10346
- Bent flanges for case stiffening, easy alignment and assembly
- Bent-link scraper chains
- AR steel bottom and sides lining*
- HDPE bottom lining*
- Split-sprocket for drop froged chain*
- Chain break switch*
- Bearing temperature sensors*
- CE certification
- ATEX certification for installation in zone classified 22*



DRIVING HEAD

- Direct coupling with maintenance-free steel disk-spring damping system
- Driving head sprocket with hardened teeth
- Anti-clogging system and inspection window

TAIL

- Standard screw take-up
- Tensioning slides with self-aligning bearings
- Speed monitoring system
- Special execution for reversible machine*

CASING

- Easy-to-assemble bolted panels
- Standard casings
- Bypass/side-inlet casings
- Double deck casings
- Elbow casing for inclination changes
- HDPE chain sliding track with steel central guide

ACCESSORIES*

- Standard inlet hopper
- Side inlet hopper
- Discharging hopper (symmetrical or asymmetrical design, square or round outlet)
- Discharging slide gates
- Magnetic separator with stainless steel outlet hopper
- Adjustable supporting legs
- Aspiration hoppers
- Inspection windows

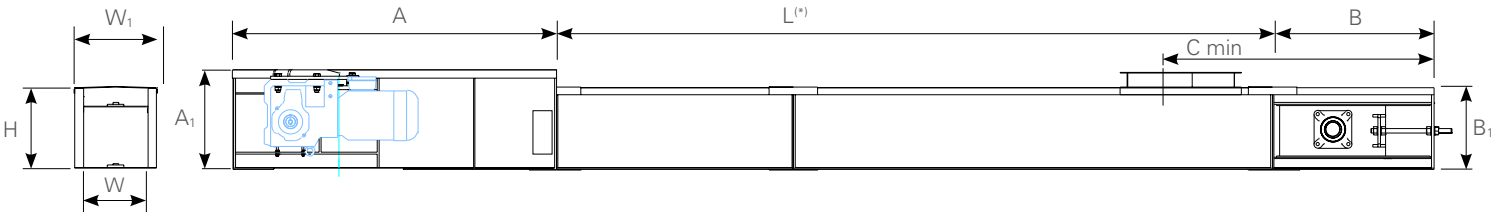
*Optional



Technical Specifications

MODEL	CAPACITY ¹	MAIN DIMENSION								DRIVING HEAD			CASING			TAIL		
	T/H	W mm	W ₁ mm	H mm	A mm	A ₁ mm	B mm	B ₁ mm	C MIN mm	SIDES mm	BOTTOM mm	COVER mm	SIDES mm	BOTTOM mm	COVER mm	SIDES mm	BOTTOM mm	COVER mm
TCA.60	60	200	290	345	750	360	750	345	985	3,0	3,0	1,5	2,5	3,0	1,5	3,0	3,0	1,5
TCA.120	120	300	390	345	750	360	750	345	1035	3,0	3,0	1,5	2,5	3,0	1,5	3,0	3,0	1,5
TCA.150	150	350	450	445	1000	445	750	445	1300	4,0	4,0	2,0	3,0	4,0	2,0	4,0	4,0	2,0
TCA.200	200	400	500	445	1000	445	750	445	1350	4,0	4,0	2,0	3,0	4,0	2,0	4,0	4,0	2,0
TCA.250	250	520	620	450	1250	450	750	450	1350	4,0	4,0	2,0	3,0	4,0	2,0	4,0	4,0	2,0
TCA.300	300	500	605	575	1600	660	900	660	1600	4,0	4,0	2,0	4,0	4,0	2,0	4,0	4,0	2,0

(1) Capacity based on dry cereal (m.c. 14%) - bulk density 0,78 t/m3 - impurities < 4%
Inclined with elbow casing : I=5°/10° (I>10° see flight conveyors line up to 45°)
Total incline up to 15°
(*) Variable (Standard Lengths = 2900 / 2400 / 1900 / 1400 / 900 / 400 - Other lengths available upon request)



CHAIN CONVEYORS

M-LINE HEAVY DUTY

M-Line chain conveyors are designed for high capacity and heavy-duty applications.

Handling capacity starts from 50 t/h, suitable for milling solutions or medium storage plants, up to 1200 t/h to guarantee maximum performances for commercial facilities, processing plants and port terminals.

MAIN FEATURES

- Hot dip galvanisation in compliance with standard EN ISO 1461
- Welded flanges for case stiffening, easy alignment and assembly
- Bent-link scraper chains and drop forged chains*
- Powder coated surface finishing for milling applications*
- AR steel bottom and sides lining*
- HDPE bottom lining*
- AR steel chain guide*
- Split-sprocket for drop forged chain*
- Chain break switch*
- Bearing temperature sensors*
- CE certification
- ATEX certification for installation in zone classified 22*



UP TO
1200 t/h
CAPACITY

DRIVING HEAD

- Direct coupling with maintenance-free steel disk-spring damping system
- Geared motor unit with fluid-coupling, flexible joint and swing base*
- Driving head sprocket with hardened teeth
- Anti-clogging system and inspection window
- Self-cleaning drive head ("drum" type)*

TAIL

- Standard screw take-up
- Tensioning slides with self-aligning bearings
- Speed monitoring system
- Tensioning system with disk spring*
- Special execution for reversible machine*
- Special execution for self-cleaning*
- Dust-tight*

CASING

- Simple and robust design, easy-to-assemble, made with bolted panels
- Standard casings, bypass/side-inlet casings, double deck casings, elbow casing
- HDPE chain sliding tracks with steel central guide

ACCESSORIES*

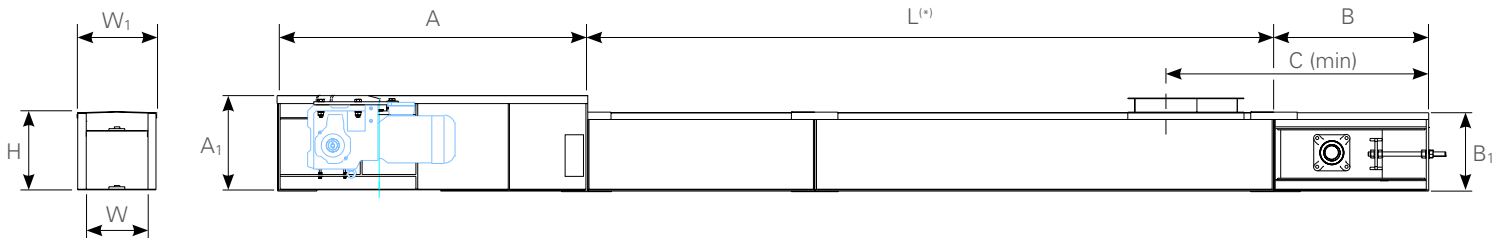
- Standard inlet hopper
- Inlet hopper with flow regulation (manual control)
- Side inlet hopper
- Discharging hopper (symmetrical or asymmetrical design, square or round outlet)
- Discharging slide gates
- Magnetic separator with stainless steel outlet hopper
- Adjustable supporting legs
- Inspection windows

*Optional



Technical Specifications																		
MODEL	CAPACITY ¹	MAIN DIMENSION								DRIVING HEAD			CASING			TAIL		
	T/H	W mm	W ₁ mm	H mm	A mm	A ₁ mm	B mm	B ₁ mm	C MIN mm	SIDES mm	BOTTOM mm	COVER mm	SIDES mm	BOTTOM mm	COVER mm	SIDES mm	BOTTOM mm	COVER mm
TCM.320.160	40	160	230	330	1000	330	700	330	1095	3,0	3,0	1,5	2,5	3,0	1,5	3,0	3,0	1,5
TCM.320.200	60	200	270	330	1000	330	700	330	1130	3,0	3,0	1,5	2,5	3,0	1,5	3,0	3,0	1,5
TCM.400.200	80	200	316	420	1250	450	750	450	1300	5,0	4,0	2,0	3,0	4,0	2,0	3,0	4,0	2,0
TCM.400.250	100	250	370	420	1250	450	750	450	1320	5,0	4,0	2,0	3,0	4,0	2,0	3,0	4,0	2,0
TCM.400.300	120	300	416	420	1250	450	750	450	1360	5,0	4,0	2,0	3,0	4,0	2,0	3,0	4,0	2,0
TCM.400.350	150	350	465	420	1250	450	750	450	1380	5,0	4,0	2,0	3,0	4,0	2,0	3,0	4,0	2,0
TCM.400.400	200	400	515	420	1250	450	750	450	1410	5,0	4,0	2,0	3,0	4,0	2,0	3,0	4,0	2,0
TCM.440.350	200	350	465	510	2000	620	1000	510	1635	6,0	6,0	2,0	4,0	6,0	2,0	5,0	6,0	2,0
TCM.440.400	250	400	515	510	2000	620	1000	510	1660	6,0	6,0	2,0	4,0	6,0	2,0	5,0	6,0	2,0
TCM.550.400	250	400	525	610	2000	710	1000	600	1670	6,0	6,0	3,0	4,0	6,0	3,0	5,0	6,0	3,0
TCM.550.450	300	450	575	610	2000	710	1000	600	1700	6,0	6,0	3,0	4,0	6,0	3,0	5,0	6,0	3,0
TCM.550.500	350	500	625	610	2000	710	1000	600	1810	6,0	6,0	3,0	4,0	6,0	3,0	5,0	6,0	3,0
TCM.630.450	400	450	575	660	2000	715	1000	650	1785	6,0	6,0	3,0	5,0	6,0	3,0	5,0	6,0	3,0
TCM.630.500	500	500	625	660	2000	715	1000	650	1810	6,0	6,0	3,0	5,0	6,0	3,0	5,0	6,0	3,0
TCM.630.600	600	600	725	660	2000	715	1000	650	1860	6,0	6,0	3,0	5,0	6,0	3,0	5,0	6,0	3,0
TCM.800.600	700	800	740	830	2750	890	1250	825	2020	6,0	8,0	3,0	5,0	8,0	3,0	5,0	8,0	3,0
TCM.800.800	800	800	940	835	2750	890	1250	835	2150	6,0	8,0	3,0	5,0	8,0	3,0	5,0	8,0	3,0
TCM.800.1000	900	1000	1135	910	2750	965	1260	910	2050	6,0	8,0	3,0	5,0	8,0	3,0	6,0	8,0	3,0
TCM.800.1250	1000	1250	1385	910	2750	970	1260	970	2150	6,0	8,0	3,0	5,0	8,0	3,0	6,0	8,0	3,0
TCM.800.1400	1200	1400	1535	915	2750	975	1260	975	2250	6,0	8,0	3,0	5,0	8,0	3,0	6,0	8,0	3,0

(1) Capacity based on dry cereal (m.c. 14%); bulk density 0,78 t/m3 - impurities < 4%
Inclined with elbow casing : l=5°/10° - (for l>10° see flight conveyor product line up to 45°)
Total incline up to 15°
(*) Variable (Standard lengths = 2970 / 2470 / 1980 / 1470 / 990 / 490 - Other lengths available upon request)



OPEN BELT CONVEYORS

M-LINE OPEN BELT CONVEYORS

AGI PTM open belt conveyors are engineered for gentle product handling and long-lasting operational life.

The structure is made entirely of galvanised steel, with sturdy construction and top performance components, making AGI PTM conveyors the right solution for a wide range of applications, from local traders to larger port terminals.

You can complete the conveyor by choosing a fully customised tripper car serving multiple discharging points along the conveyor, achieving maximum flexibility for daily operations.

MAIN FEATURES

- Hot dip galvanisation in compliance with standard EN ISO 1461 and continuously hot dip coated Z275 according to EN 10346
- Gravity counterweight system for a proper and continuous take-up tensioning
- Gravity tower upgrade for counterweight continuous take-up tensioning*
- Reversible conveyor operation*
- Cable operated safety switch on one or two* sides
- Bearing temperature sensors*
- CE certification
- ATEX certification for installation in zone classified 22*
- Abrasion resistant, oil resistant and antistatic belt
- FDA belt*
- Flame retardant belt*



UP TO
2000 t/h
CAPACITY

DRIVING HEAD

- Direct coupling with maintenance-free steel disk-spring damping system
- Geared motor unit with fluid-coupling, flexible joint and swing base*
- Abrasion resistant and antistatic rubber coated drive head pulley
- AR steel lining on inlet/outlet chutes
- Metal backed urethane lining on inlet/outlet chutes*
- Ceramic tile lining on inlet/outlet chutes*
- Anti-clogging system at the discharge*
- Belt alignment control system

TAIL

- Standard screw take-up
- Special tail for gravity tower upgrade for counterweight continuous take-up tensioning*
- Special execution for reversible machine*
- Speed monitoring system

CONVEYOR STRINGERS

- Easy-to-assemble bolted elements
- Standard stringer supports, elbow stringer supports*
- Modular design

ACCESSORIES*

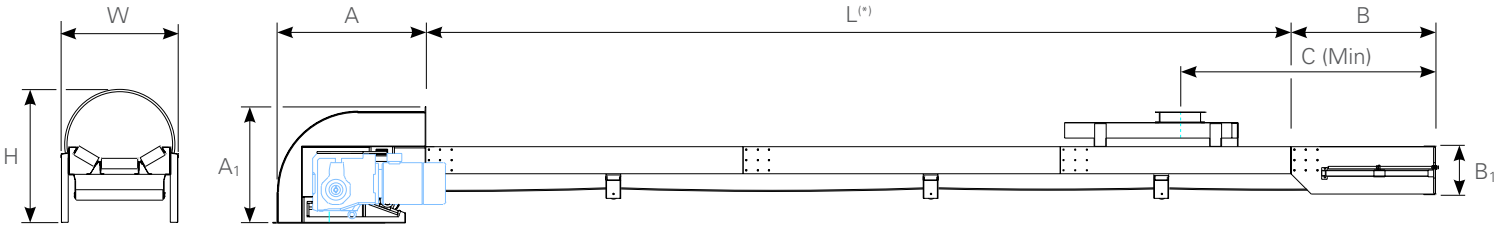
- Mobile tripper for warehouses and vessels loading
- Discharge hopper
- Stationary feed hopper
- Movable inlet hopper for jetty installation
- Adjustable supports
- Standard covering
- Belt sealing covering system for conveyor with tripper
- Discharging slide gates
- Magnetic separator with stainless steel outlet hopper
- Adjustable supporting legs
- Aspiration hoppers
- Inspection windows

*Optional



Technical Specifications														
MODEL	CAPACITY¹	MAIN DIMENSIONS							HEAD THICKNESS		STRINGER THICKNESS		TAIL THICKNESS	
	T/H	W mm	H mm	A mm	A ₁ mm	B mm	B ₁ mm	C MIN mm	SIDES mm	COVER mm	SIDES mm	SPACERS mm	SIDES mm	COVER mm
TNM.340.300	40	525	680	970	540	1000	300	1450	3,0	3,0	2,0	5,0	3,0	3,0
TNM.340.350	60	615	680	970	540	1000	300	1450	3,0	3,0	2,0	5,0	3,0	3,0
TNM.340.450	120	710	715	970	540	1000	300	1450	3,0	3,0	2,0	5,0	3,0	3,0
TNM.500.600	150	955	1130	1330	1010	1750	430	1800	3,0	3,0	3,0	5,0	3,0	3,0
TNM.500.650	200	1020	1170	1330	1010	1750	430	1800	3,0	3,0	3,0	5,0	3,0	3,0
TNM.500.750	350	1105	1190	1330	1010	1750	430	1800	3,0	3,0	3,0	5,0	3,0	3,0
TNM.630.1000	500	1530	1190	2040	1270	1500	710	3300	5,0	3,0	5,0	5,0	5,0	3,0
TNM.630.1200	1000	1740	1240	2040	1270	1500	710	3300	5,0	4,0	5,0	5,0	5,0	3,0
TNM.630.1500	1500	1920	1300	2040	1270	1500	710	3300	5,0	4,0	5,0	5,0	5,0	3,0
TNM.630.1600	2000	2250	1750	2040	1450	1500	850	4000	5,0	4,0	5,0	5,0	5,0	3,0

(1) Capacity based on dry cereal (m.c. 14%) - bulk density 0,78 t/m3 - impurities < 4%
Total incline up to 10°
(*) Variable (Standard lengths = 2990 / 2750/ 2500 / 2470 / 1980 / 1470 / 990 / 490 - Other lengths available upon request)



AGI TRAMCO CHAIN CONVEYORS

MODEL G EN-MASS CONVEYORS

The AGI Tramco Model G en-mass conveyor takes on the heavy-duty tasks as it is designed to handle the most extreme applications ensuring uncomplicated solutions for years. Welded jig fitted parts and fully bolted construction yields a precise fit and interchangeability of components. AGI Tramco offers custom design, components, and materials. This "total quality process" provides added value when choosing AGI Tramco.

MAIN FEATURES

- Alignment pins ensure precision alignment
- Hot-dip-galvanised steel or powder / liquid paint coated steel, stainless alternative
- Standard double-life walking tooth split induction hardened sprocket
- Alignment pins to ensure precision alignment and minimal thermal expansion
- Pillow block bearings with shaft sealing



UP TO
1200 - 1500 t/h
CAPACITY

DRIVING HEAD

- Standard or tall head design depending on application. Standard packing gland head shaft

TAIL

- Standard packing gland tail shaft
- Standard heavy duty take-up support with SKF bearings

CASING

- Heavy duty, with chain supported by our standard return rail
- Inspection door at drive head and tail or to customer's requirements
- Casing height: 12" - 16" - 20" - 26" - 32"
- Casing width: 12" - 15" - 18" - 24" - 30" - 36" - 42" - 48" - 54" - 60"

ACCESSORIES*

- Welded or stud bushed chain assembly
- Angle or flatbar chain flight attachments (depending on flight design)
- Protective lining (thickness, quality, type)
- Motor arrangements
- Sealing

*Optional

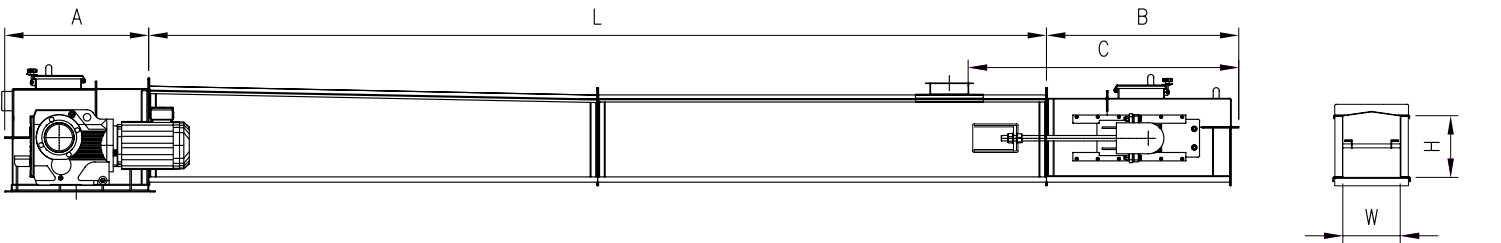


Technical Specifications

	CONVEYOR HEIGHT (H) [mm]	INTERNAL WIDTHS (W) [mm]	MAX CAPACITY @0,3 m/s (M³/HR)	MAX CAPACITY @0,4 m/s (M³/HR)	MAX CAPACITY @0,5 m/s (M³/HR)	MAX CAPACITY @0,6 m/s (M³/HR)
12	305	305 to 762	251	335	418	502
16	410	305 to 762	337	450	562	675
20	520	305 to 914	514	685	856	1027
26	660	381 to 1524	1086	1448	1811	2173
32	820	610 to 1524	1350	1800	2249	2699

(1) With scoop
(*) Other lengths available upon request)

A	B(1)	B	C(1)	C	L
856	1176	1005	1795	1625	2980 / 2480 / 1980 / 1480 / 980 / 480
906	1176	1005	1830	1660	
956	1276	1080	1910	1715	
1056	1396	1155	2040	1800	
1106	1476	1255	2200	1980	



AGI TRAMCO CHAIN CONVEYORS

BULK-FLO™

The AGI Tramco Bulk-Flo™ heavy-duty chain conveyor is built to work in processing applications handling materials that are wet and sticky, vary in size and/or density, and/or are abrasive or corrosive. The AGI Tramco Bulk-Flo™ is the alternative conveyor to replace a bucket elevator, due to its design, chain speed, and minimum risk of dust explosion. The unsurpassed quality and construction of the AGI Tramco Bulk-Flo™ conveyor series assures years of dependable service under the most severe conditions. Each system is individually designed for your specific application. AGI Tramco offers custom design, components, and materials.

40 models of paddle/flight conveyors are available.

MAIN FEATURES

- Hot-dip-galvanised steel or powder / liquid paint coated steel
- Standard double-life walking tooth split sprocket (induction hardened teeth)
- Alignment pins to ensure precision alignment of sections and minimal thermal expansion
- Pillow block bearings with shaft sealing



UP TO
1200 - 1500 t/h
CAPACITY

DRIVING HEAD

- Standard or flared head design depending on discharge angle and/or product
- Standard packing gland head shaft

TAIL

- Standard packing gland tail shaft
- Standard heavy duty take-up support with SKF bearings

CASING

- Standard bolted construction, abrasion resistant steel is used for divider and bottom plates
- Casing height: 6" - 8" - 10" - 12" - 14" - 16" - 18" - 20"
- Casing width: 10" - 12" - 15" - 20" - 24" - 30" - 36" - 42" - 48" - 54" - 60"

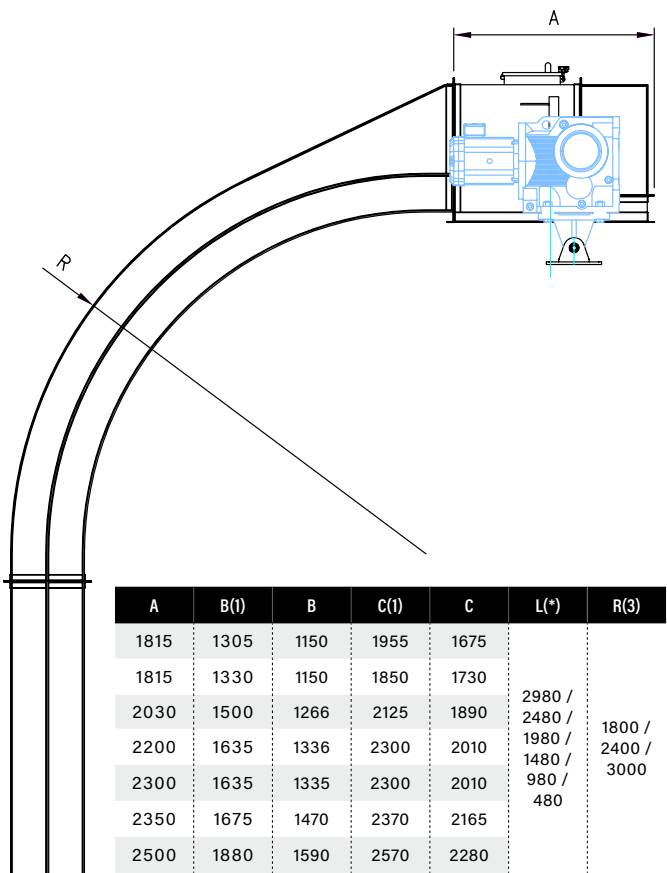
ACCESSORIES*

- Welded or stud bushed chain assembly
- Angle or flatbar chain flight attachments (depending on flight design)
- Protective lining (thickness, quality, type)
- Motor arrangements
- Sealing (Vapor tight option [*])

*Optional

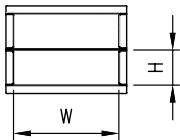
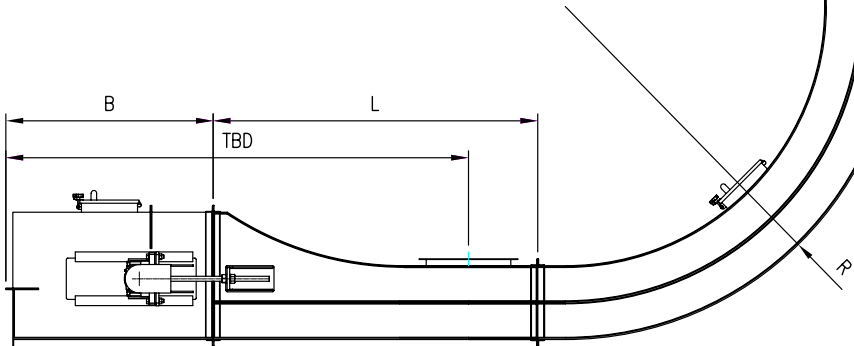


Technical Specifications						
	SINGLE CHAMBER HEIGHT (H) [mm]	INTERNAL WIDTHS (W) [mm]	MAX CAPACITY @0,3 m/s (M³/HR)	MAX CAPACITY @0,4 m/s (M³/HR)	MAX CAPACITY @0,5 m/s (M³/HR)	MAX CAPACITY @0,6 m/s (M³/HR)
6	152	178 to 305	50	67	83	100
8	203	305 to 508	111	148	186	223
10	254	381 to 914	250	334	418	501
12	305	508 to 762	251	335	418	502
14	356	762 to 1372	528	703	879	1055
16	406	762 to 1219	535	713	891	1069
20	508	1219 to 1524	836	1115	1394	1672



A	B(1)	B	C(1)	C	L(*)	R(3)
1815	1305	1150	1955	1675	2980 / 2480 / 1980 / 1480 / 980 / 480	1800 / 2400 / 3000
1815	1330	1150	1850	1730		
2030	1500	1266	2125	1890		
2200	1635	1336	2300	2010		
2300	1635	1335	2300	2010		
2350	1675	1470	2370	2165		
2500	1880	1590	2570	2280		

(3) R outside curve diameter



AGI TRAMCO CHAIN CONVEYORS

MODEL RB

The AGI Tramco Model RB conveyor is specifically designed for the handling of soft stock or materials that are easily crumbled or broken, such as seed, feed, pellets, and other fragile materials.

All components are jig welded to ensure their interchangeability and are checked for precise fit by the strict AGI Tramco 100% inspection policy. The Model RB is built standard with 3mm construction. The u-shaped trough is available in widths of 9", 12", 14", 16", 18", 20", 24". Each system is individually designed for your specific application. AGI Tramco conveyors also offer you the choice of custom designed components and materials. Our "total quality process" means that you can count on years of quiet, trouble-free performance from your Model RB Conveyor. 7 Models are available.

MAIN FEATURES

- All components are jig welded
- Standard totally bolted construction
- Standard center return rail
- Induction hardened split sprocket for easy replacement
- UHMW dust seal
- Flange or Pillowblock bearings
- CE or ATEX Z22 or ATEX Z21 or ATEX Z20
- For continuous operations 24/7
- Hot-dip-galvanised steel or liquid paint coated steel, alternative to stainless steel
- Trough Size: 9" - 12" - 14" - 16" - 18" - 20" - 24"

DRIVING HEAD

- Take-up on the head

TAIL

- Fixed shaft
- Self-cleaning tail

CASING

- Heavy duty, with chain supported by our standard center return rail
- Inspection door at each feed inlet or to customer's requirements

ACCESSORIES*

- Chain assembly with UHMW flights
- Drive arrangements



UP TO
550 m³/h
CAPACITY

*Optional

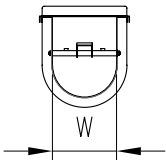


Technical Specifications

TROUGH SIZE	INTERNAL WIDTHS (W) [mm]	MAX CAPACITY @0,3 m/s (M³/HR)	MAX CAPACITY @0,4 m/s (M³/HR)	MAX CAPACITY @0,5 m/s (M³/HR)	MAX CAPACITY @0,6 m/s (M³/HR)
9"	254	28	38	47	57
12"	330	54	71	89	107
14"	381	75	100	125	151
16"	432	109	145	181	217

(2) Tail with take-up
(*) Other lengths available upon request)

A	B(2)	B	C	L
520	520	405	505	2980 / 2480 / 1980 / 1480 / 980 / 480
600	600	480	580	
655	655	540	640	
680	680	570	670	



BUCKET ELEVATORS

L-LINE FARM APPLICATION

The mechanical handling L-Line bucket elevator is designed to elevate grain vertically.

Engineered to be an efficient and cost-effective solution, it is the ideal setup for capacities up to 200 t/h. Suited for both outdoor and indoor agricultural applications, the system is conceived as a modular design and is made of galvanised steel.

MAIN FEATURES

- Speed monitoring system
- Belt alignment control system
- HDPE buckets
- Anti-abrasion liner at the hood and inlet (Hardox 2 mm)
- Abrasion resistant and anti-static belt
- Pre-galvanised steel
- CE certified
- IE3 electric motor



Driving head unit*



Belt tensioning system on the tail

UP TO
200 t/h
CAPACITY

*The plastic window is only for demonstration, not included in the standard product.

DRIVING HEAD

- Direct drive gear motor
- Back stop
- Abrasion resistant liner at the hood
- Belt tensioning system on the head (provided only if above 20 meters)

TAIL

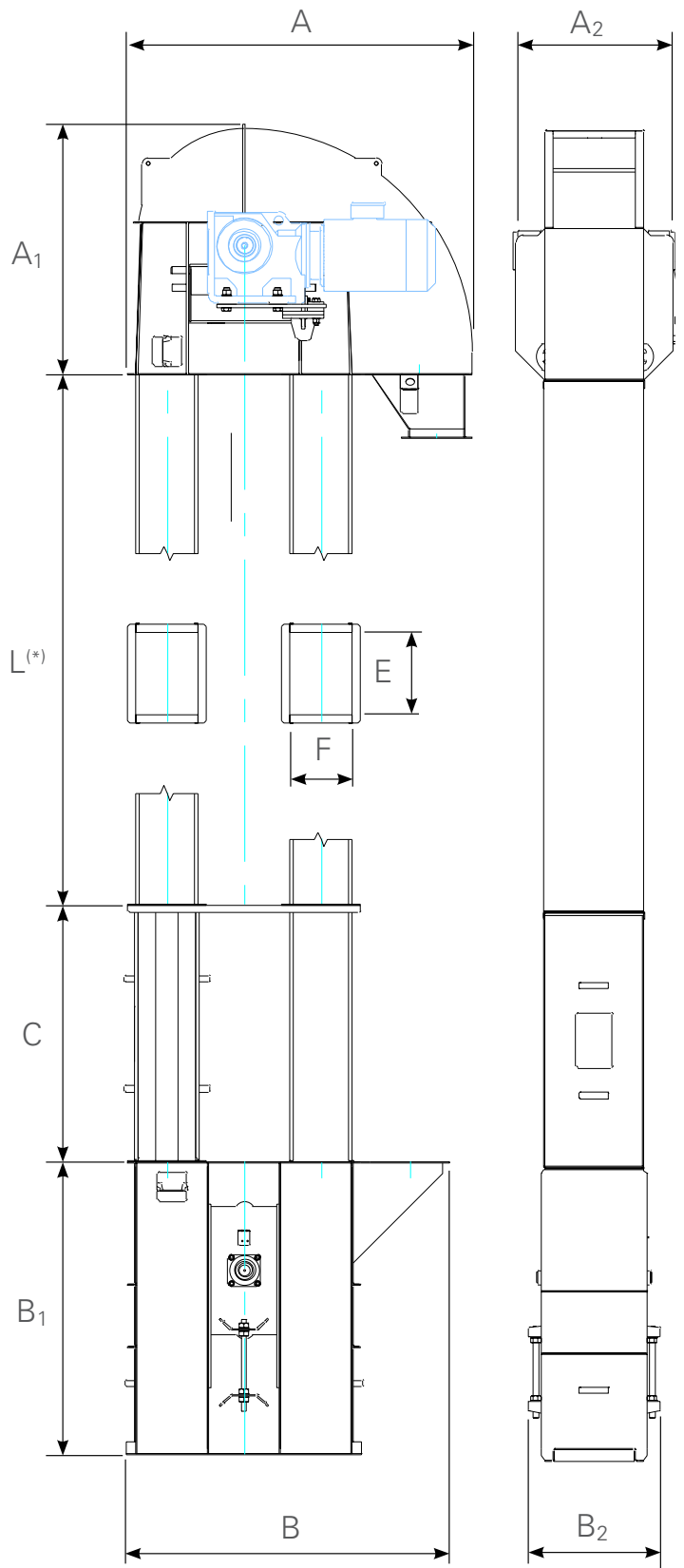
- Belt-alignment system on the boot
- Self-cleaning pulley at the tail
- Service hatch for product reload at the tail

TRUNKING

- Easy-to-assemble intermediate legs
- Inspection leg

ACCESSORIES

- Inlet/discharge hopper
- Extra (multiple) inlet(s) hopper at the tail
- ATEX certification Z22
- Anti-clogging sensor
- Inspection platform, ladder with safety cage and intermediate rest platform
- Telescopic arm
- Guy cables



Technical Specifications

MODEL	CAPACITY ^(*)	MAIN DIMENSION									HEAD THICKNESS		TAIL THICKNESS		DUCT THICKNESS
	T/H	A mm	A ₁ mm	A ₂ mm	B mm	B ₁ mm	B ₂ mm	C mm	E mm	F mm	SIDES mm	COVER mm	SIDES mm	SLIDES mm	mm
ELL.050	50	1509	1187	529	1394	1081	488	1500	300	250	3	2	3	3	2
ELL.100	100	1509	1187	529	1394	1081	488	1500	300	250	3	2	3	3	2
ELL.150	150	1569	1221	629	1571	1150	588	1500	400	260	3	2	3	3	2
ELL.200	200	1569	1221	629	1571	1150	588	1500	400	260	3	2	3	3	2

*Nominal capacity based on dry cereal (m.c. 14%) - bulk density 0,75 t/m³ - impurities <4%

L(*) Variable (Standard lengths = 200/1500/3000 mm)

BUCKET ELEVATORS

A-LINE MEDIUM DUTY

A-Line bucket elevators are strong, durable and provide gentle handling of commodities. They are designed and manufactured for daily operation during the harvest season.

Our A-Line bucket elevators are comprised of four models, covering capacities up to 200 t/h to meet specific project requirements.

MAIN FEATURES

- Continuously hot-dip coated Z275 according to EN 10346
- Abrasion resistant, oil resistant and anti-static belt
- FDA belt*
- Flame retardant belt*
- Steel buckets - HPDE buckets*
- AR steel lining - urethane lining*
- CE certification
- ATEX certification for installation in zone classified 22*
- Bearing temperature sensors*
- Belt alignment control system
- Anti-clogging system*



UP TO
200 t/h
CAPACITY

DRIVING HEAD

- Direct coupling with maintenance-free steel disk-spring damping system
- Abrasion resistant and anti-static rubber coated drive head pulley

TAIL

- Standard screw take-up
- Self-cleaning squirrel cage pulley
- Speed monitoring system

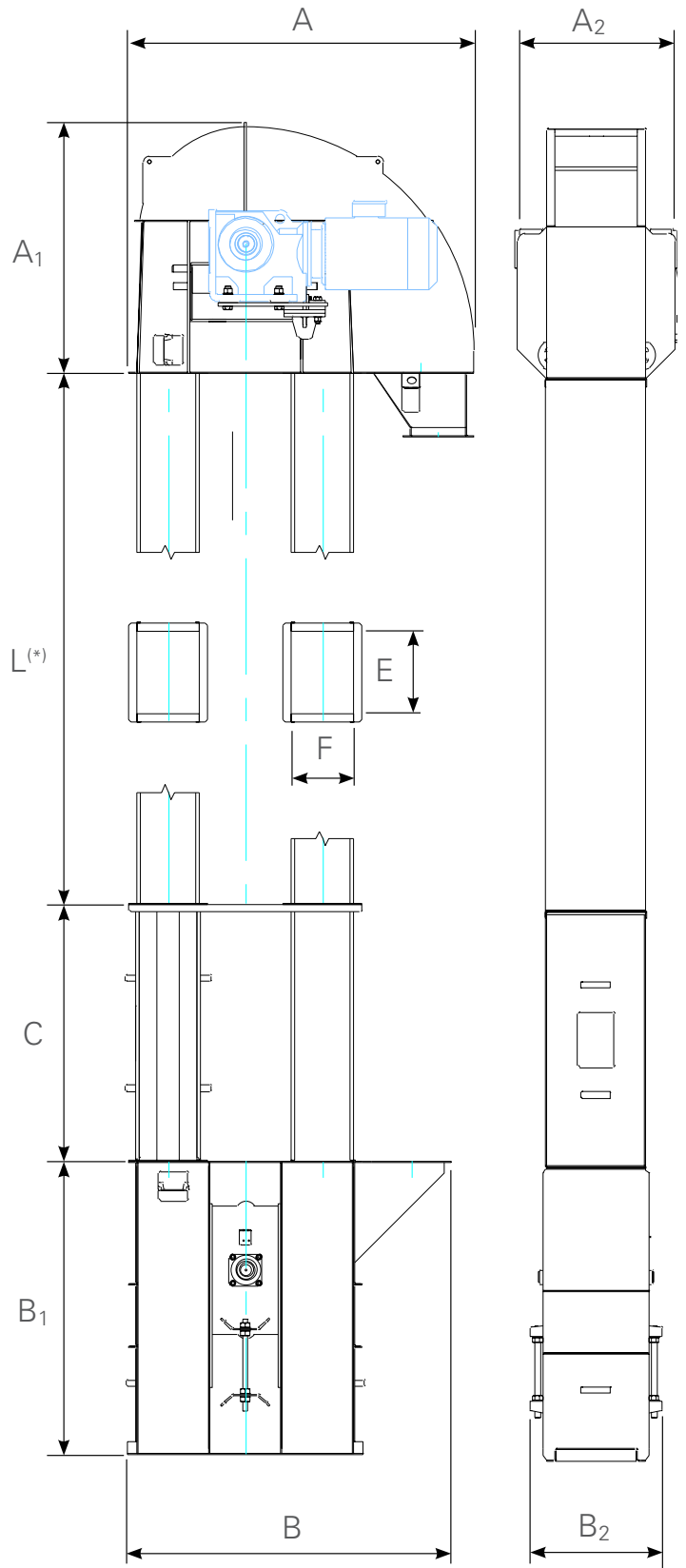
TRUNKING

- Bolted leg ducts with stiffening bends
- Standard duct - inspection duct - venting relief panel duct* - spotfilter duct*

ACCESSORIES*

- Extra inlet hopper
- Product recovering hopper
- Discharging hopper (square - round outlet)
- Venting relief panels at the head and/or ducts
- Inspection windows

*Optional



Technical Specifications

MODEL	CAPACITY ⁽¹⁾	SELF SUPPORTING MACHINE UP TO (2)	MAIN DIMENSIONS									HEAD THICKNESS		TAIL THICKNESS		DUCT THICKNESS
	T/H	MT	A mm	A ₁ mm	A ₂ mm	B mm	B ₁ mm	B ₂ mm	C mm	E mm	F mm	SIDES mm	COVER mm	SIDES mm	SLIDES ⁽³⁾ mm	mm
ELA.400	50	35	1246	1215	446	1260	1000	440	1400	250	240	3,0	3,0	3,0	6,0	2,0
ELA.470	100	32	1467	1021	453	1341	1200	509	1400	267	261	3,0	3,0	3,0	8,0	2,0
ELA.500	150	40	1605	1485	632	1460	1300	542	1400	350	280	3,0	3,0	3,0	8,0	2,0
ELA.550	200	40	1756	1295	643	1595	1404	645	1400	373	291	4,0	4,0	4,0	10,0	3,0

(1) Capacity based on dry cereal (m.c. 14%) - bulk density 0,78 t/m³ - impurities < 4%

(2) Bucket Elevators are self-supporting but not freestanding. Elevators must be supported laterally (see AGI PTM's user manual for specific model requirements)

(3) Slides = Take-up tensioning slides

(*) Variable (Standard Lengths = 2900 / 2400 / 1900 / 1400 / 900 / 400 - Other lengths available upon request)

BUCKET ELEVATORS

M-LINE HEAVY DUTY

AGI PTM's M-Line includes a wide range of bucket elevators designed to meet all vertical transportation needs. The sturdy and robust construction ensures our elevators can operate reliably in the harshest environments.

M-Line bucket elevators are available in a wide range of capacities up to 1500t/h, and are specifically designed for traders, commercial plants, processing plants and port terminals.

MAIN FEATURES

- Hot dip galvanisation in compliance with standard EN ISO 1461
- Powder coating finishing for milling applications*
- Abrasion resistant, oil resistant and anti-static belt
- FDA belt*
- Flame retardant belt*
- Steel buckets or HPDE buckets*
- AR steel lining, urethane lining*, ceramic tile lining*
- CE certification
- ATEX certification for installation in zone classified 22*
- Bearing temperature sensors*
- Belt alignment control system
- Anti-clogging system*



UP TO
1500 t/h
CAPACITY

DRIVING HEAD

- Direct coupling with maintenance-free steel-disk-spring damping system
- Geared motor unit with fluid-coupling, flexible joint and swing base*
- Pillow block bearings*
- Abrasion resistant and anti-static rubber coated drive head pulley

TAIL

- Standard screw take-up
- Belt take-up by means of screws and counterweight
- Self-cleaning wing tail pulley
- Speed monitoring system
- Self cleaning execution for milling application*

TRUNKING

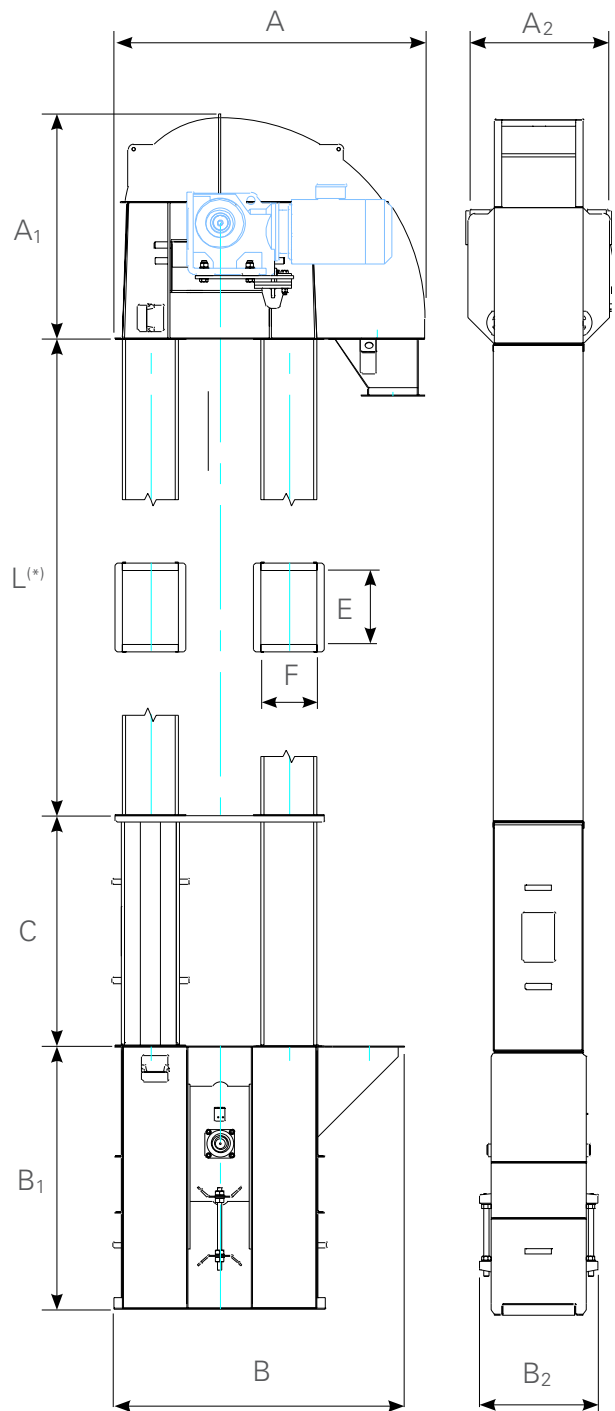
- Easy-to-assemble bolted panels
- Standard duct, inspection duct, venting relief panel duct*, spotfilter duct*
- Round section for milling application*

ACCESSORIES*

- Extra inlet hopper
- Product recovering hopper
- Discharging hopper (square - round outlet)
- Stainless steel inlet hopper with magnetic separator
- Over pressure discharge system with chimney
- Venting relief panels at the head and/or duct
- Inspection windows
- Aspiration hopper at ducts

For applications requiring ATEX zone 20/21/22, AGI can offer the AGI Tramco bucket elevator as an alternative.

*Optional



Technical Specifications

MODEL	CAPACITY ⁽¹⁾	SELF SUPPORTING MACHINE UP TO ⁽²⁾	MAIN DIMENSIONS									HEAD THICKNESS		TAIL THICKNESS		DUCT THICKNESS
	T/H	MT	A mm	A ₁ mm	A ₂ mm	B mm	B ₁ mm	B ₂ mm	C mm	E mm	F mm	SIDES mm	COVER mm	SIDES mm	SLIDES ⁽³⁾ mm	mm
ETM.300	35	25	933	647	345	827	715	383	1400	165	145	3,0	3,0	3,0	6,0	2,0
ETM.400	100	35	1326	1038	476	1170	1000	440	1400	250	230	3,0	3,0	3,0	6,0	2,0
ETM.500	175	40	1509	1059	693	1425	1250	535	1400	335	269	4,0	3,0	4,0	8,0	2,0
ETM.630	250	48	1880	1364	860	1767	1600	775	1400	450	340	4,0	4,0	5,0	10,0	3,0
ETM.800	350	50	2190	1597	970	2075	1905	799	2000	500	350	5,0	4,0	5,0	15,0	3,0
ETM.1000	650	50	2377	1896	1454	2305	2000	1310	2400	868	340	5,0	5,0	6,0	15,0	3,0
ETM.1200	1200	50	2589	2279	1918	2562	2150	1656	2400	1302	340	5,0	5,0	6,0	15,0	3,0
ETM.1500	1500	50	2589	2279	2360	2562	2150	2070	2400	1736	340	5,0	5,0	6,0	15,0	3,0

(1) Capacity based on dry cereal (m.c. 14%) - bulk density 0,78 t/m³ - impurities < 4%

(2) Bucket Elevators are self-supporting but not freestanding. Elevators must be supported laterally (see PTM's user manual for specific model requirements)

(3) Slides = Take up tensioning slides

(*) Variable (Standard Lengths = 2900 / 2400 / 1900 / 1400 / 900 / 400 - Other lengths available upon request)

FLIGHT CONVEYORS

A-LINE MEDIUM/M-LINE HEAVY DUTY

Flight conveyors combine heavy duty construction with gentle handling of commodities.

A series of large paddles made in HDPE is designed to ensure a continuous and steady flow of material through inclines up to 45°. Hot dip galvanisation ensures maximum durability, even in the most critical operating conditions.

MAIN FEATURES

- Hot dip galvanisation in compliance with standard EN ISO 1461 and continuously hot-dip coated Z275 according to EN 10346
- Bent-link scraper chains with HDPE paddles
- Powder coating surface finishing for milling applications*
- AR steel bottom and sides lining*
- HDPE bottom lining*
- Bearing temperature sensors*
- CE certification
- ATEX certification for installation in zone classified 22*



UP TO
400 t/h
CAPACITY

DRIVING HEAD

- Direct coupling with maintenance-free steel-disk-spring damping system
- Driving head sprockets with hardened teeth
- AR steel lining on discharging chutes
- Metal backed urethane lining on discharging chutes*
- Anti-clogging system at the discharge

TAIL

- Standard screw take-up
- Take-up system with steel-disk-spring
- Take-up slides with self-aligning bearings
- Speed monitoring system

CASING

- Easy-to-assemble bolted panels
- Standard casings - bypass/side-inlet casings
- Elbow casing 15°/30°/45°
- Modular design

ACCESSORIES*

- Standard inlet hopper
- Magnetic separator with stainless steel outlet hopper
- Adjustable supports legs
- Discharging slide gates

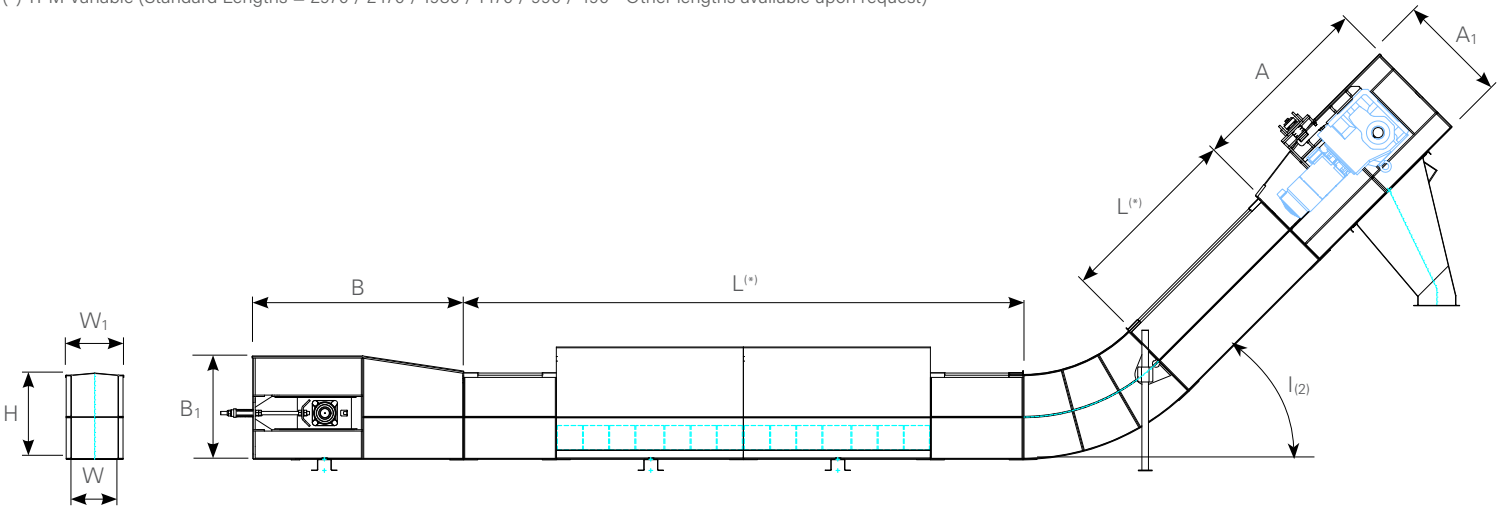
*Optional



Technical Specifications

MODEL	CAPACITY ¹	MAIN DIMENSION							HEAD THICKNESS			CASING THICKNESS			TAIL THICKNESS		
	T/H	W mm	W ₁ mm	H mm	A mm	A ₁ mm	B mm	B ₁ mm	SIDES mm	BOTTOM mm	COVER mm	SIDES mm	BOTTOM mm	COVER mm	SIDES mm	BOTTOM mm	COVER mm
TPA.50	60	250	345	445	1100	590	1450	590	4,0	4,0	2,0	3,0	4,0	2,0	4,0	4,0	2,0
TPA.100	120	450	545	452	1100	590	1450	590	4,0	4,0	2,0	3,0	4,0	2,0	4,0	4,0	2,0
TPA.150	150	400	495	650	1500	775	1500	770	4,0	4,0	2,0	3,0	4,0	2,0	4,0	4,0	2,0
TPA.200	200	500	595	655	1500	780	1500	775	4,0	4,0	2,0	3,0	4,0	2,0	4,0	4,0	2,0
TPM.300	300	500	630	930	2000	1100	2250	1100	6,0	6,0	3,0	4,0	6,0	3,0	6,0	6,0	3,0
TPM.400	400	650	780	940	2000	1100	2250	1100	6,0	6,0	3,0	4,0	6,0	3,0	6,0	6,0	3,0

(1) Capacity based on dry cereal (m.c. 14%) - bulk density 0,78 t/m3 - impurities < 4%
(2) Standard inclinations: l=15°; 30°; 45°
(*) TPA Variable (Standard Lengths = 2900 / 2400 / 1900 / 1400 / 900 / 400 - Other lengths available upon request)
(*) TPM Variable (Standard Lengths = 2970 / 2470 / 1980 / 1470 / 990 / 490 - Other lengths available upon request)



FILTERS

A complete range of accessories for air filtering, grain cleaning and sampling is available for customers who want to complete their projects with high quality components, that integrate perfectly with AGI PTM equipment.

- Filters for intake pits
- Spot filters
- Centrifugal dust separators/cyclones
- Circuit sampling system
- Rotary drum pre-cleaners and sieve pre-cleaners
- Rotary distributors

FILTERS FOR INTAKE PITS

- High pressure filters have been tested to guarantee dust containment and mitigation during the unloading operations of truck trailers or train cars.
- The modular construction allows you to match various intake-pit configurations with different lengths
- Excellent performance and very easy maintenance
- Discharging hopper for dust re-emission inside the main flow without weight losses
- Vertical filtering sleeves
- Built-in air suction fan and compressed air rinsing system for sleeves
- CE certification
- ATEX certification for installation in zone classified 22*
- Water sprinkler to be connected to fire suppression system*

CIRCULAR FILTERS

- High pressure filters with cylindrical steel body
- Discharge with conical bottom and rotary valve
- Discharge with flat bottom, scraper and rotary valve
- Vertical filtering sleeves
- Compressed air rinsing system for sleeves
- Venting panels*
- CE certification
- ATEX certification for installation in zone classified 22*

SPOT FILTERS

- High pressure filters with a rectangular steel body designed for localised dust containment
- Vertical or horizontal design with filtering sleeves
- Special flange designed for optimal integration with AGI PTM's handling equipment
- Excellent performance and very easy maintenance
- Compact design with built-in air suction fan and compressed air rinsing system for sleeves
- Dust re-emission inside the main flow without weight losses
- Hot dip galvanised, stainless steel* or powder coated surface finishing for milling applications*
- CE certification
- ATEX certification for installation in zone classified 22*

*Optional



Filter for intake pit



Spot filter

ANCILLARIES

CENTRIFUGAL DUST SEPARATORS

- Centrifugal dust separators/ cyclones for simple but effective dust containment
- Conical bottom for dust separation and discharge
- Complete with ductworks, suction fan and discharge rotary valves

INLINE/CIRCUIT SAMPLING SYSTEM

- Circuit sampling systems allow for multiple samples to be easily taken from any bulk commodity. Installed in special points along the flow circuit (for example, at the discharging point of a dryer) and controlled by the plant's main PLC.
- The system enables sampling in a systematic way, at planned intervals, as needed.
- Hot dip galvanisation in compliance with standard EN ISO 1461
- Powder coating surface finishing for milling applications*
- Sturdy construction with welded reinforced frame
- CE certification of incorporation
- ATEX certification for installation in zone classified 22*

ROTARY DRUM AND SIEVE PRE-CLEANER

- Drum pre-cleaner for large impurities separation; various mesh sizes; internal chutes with AR steel or steel backed urethane sheet lining*
- Sieve pre-cleaner for fine and large impurities separation; vibrating interchangeable sieves with various mesh sizes for different crops qualities

ROTARY DISTRIBUTOR

- Custom design rotary distributors with internal dust cleaning system
- Precise positioning with geared motor, sensors and electro-pneumatic actuator
- AR steel, steel backed urethane sheet or ceramic lining*
- Flexible and automated operations because of dedicated PLC



Vibro separator



Vibro separator with aspirator



Inline/circuit sampler electric control



Rotary drum pre-cleaners



Rotary distributor with telescopic internal spout sealing system

VALVES, GATES AND SPOUTING

A complete range of accessories for detection and deviation of bulk products and for the connection of the various components such as:

- Slides gates
- Diverter valves
- Absorber/dead boxes
- Square and round spouting

SLIDE GATES

- Hot dip galvanisation in compliance with standard EN ISO 1461
- Powder coating surface finishing for milling applications*
- Sturdy construction with welded frame
- Manual, electric or electropneumatic control
- Blade position limit sensors
- CE certification of incorporation
- ATEX certification for installation in zone classified 22*

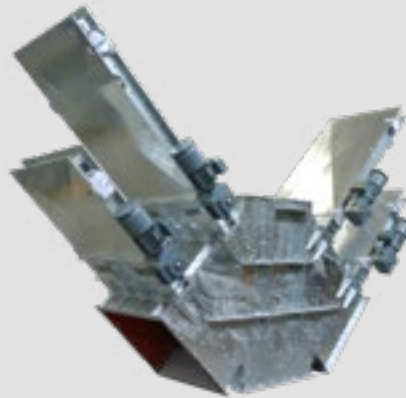
DIVERTER VALVES

- Hot dip galvanisation in compliance with standard EN ISO 1461
- Powder coating surface finishing for milling applications*
- Sturdy construction with welded frame
- Manual, electric or electropneumatic control
- Diverter blade position sensors
- CE certification of incorporation
- ATEX certification for installation in zone classified 22*
- AR steel or urethane lining on the blade*

CUSHION/DEAD BOXES

- Hot dip galvanisation in compliance with standard EN ISO 1461
- Powder coating galvanisation finishing for milling applications*
- Vertical drop cushions
- Flow retarders
- Cushion elbows
- Self-cleaning design*
- AR steel or urethane lining*

*Optional



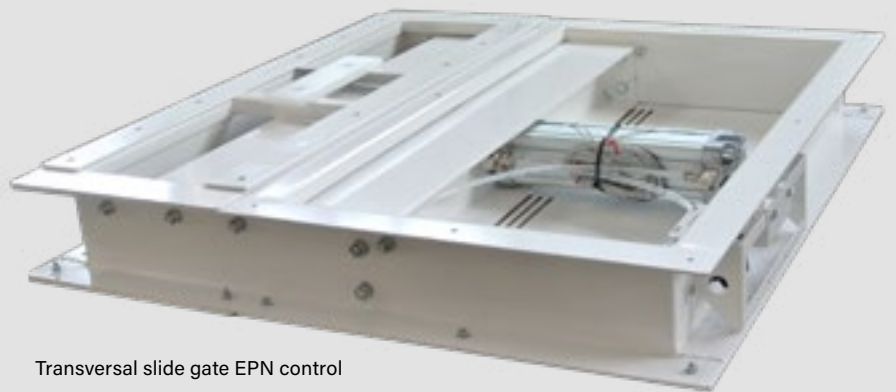
3-way slides gate valve electric control



Endless slide gate electric control



Endless slide gate manual control



Transversal slide gate EPN control

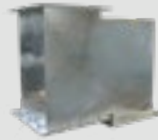


2-way flip diverter valve with electric control

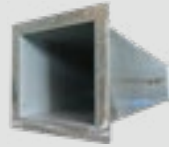
DUCT WORKS

DUCT WORKS

- Hot dip galvanisation in compliance with standard EN ISO 1461
- Powder coating surface finishing for milling applications*
- Square or round sections available
- AR steel or urethane lining*



Absorber box



Spouting AR lined



Shock ABS elbow

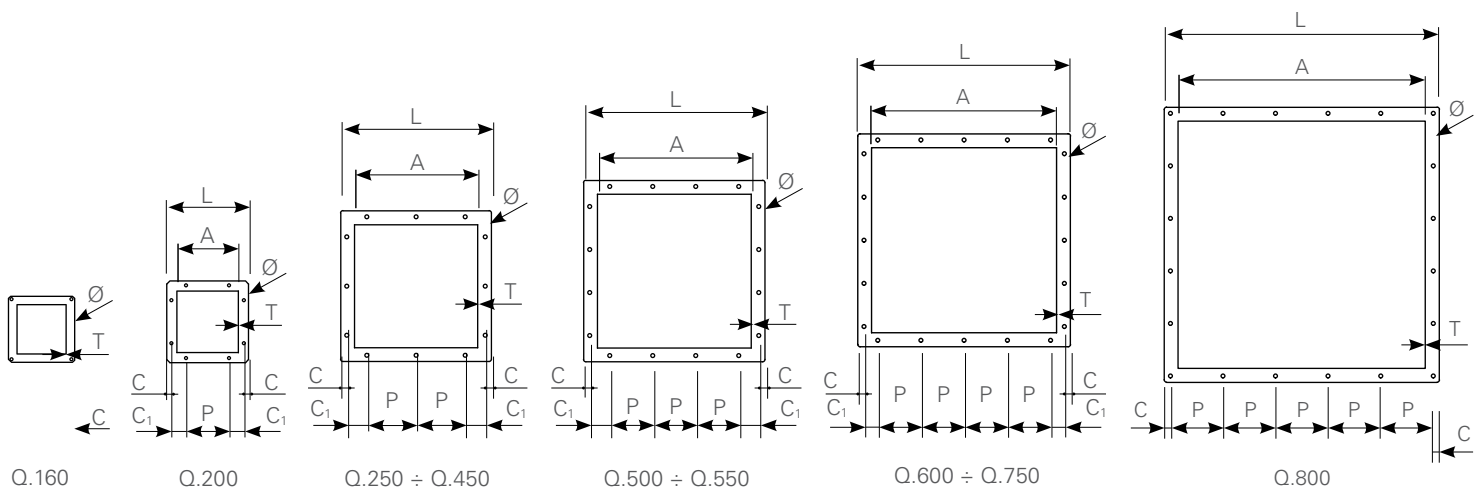
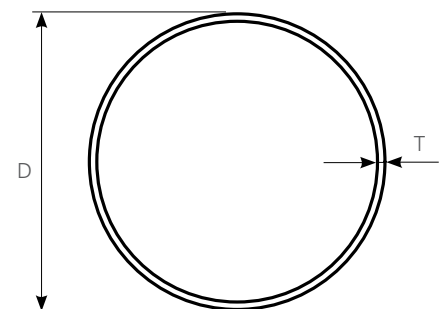


Square elbow

Standard Ductworks Sections

MODEL	CAPACITY ¹	MAIN DIMENSIONS						
	m ³ /h	A mm	L mm	C mm	C ₁ mm	P mm	Ø mm	T mm
Q.160	60	160	215	10	—	195	10	3
Q.200	120	200	266	15	48	140	10	3
Q.250	205	250	316	15	48	95	10	3
Q.300	295	300	390	20	65	110	12	3
Q.350	425	350	440	20	60	140	12	4
Q.400	550	400	490	20	65	160	12	4
Q.450	700	450	540	20	70	180	12	4
Q.500	870	500	590	20	65	140	12	5
Q.550	1000	550	640	20	60	160	12	5
Q.600	1200	600	690	20	45	140	12	5
Q.650	1400	650	740	20	50	150	12	5
Q.700	1650	700	790	20	55	160	12	5
Q.750	1850	750	840	20	60	170	12	5
Q.800	2100	800	890	20	—	170	12	5

MODEL	CAPACITY ¹	MAIN DIMENSIONS	
	m ³ /h	D mm	T mm
T.159	55	159	3
T.192	85	193,7	3
T.219	115	219,1	3
T.254	155	254	3
T.273	190	273	3
T.324	270	323,9	4
T.355	340	355,6	4
T.406	450	406,4	4



ENGINEERING

AGI believes that efficient design is the key to helping customers get more from their storage, drying and processing plants.

AGI offers customers a broad range of engineering services, all designed to help maximise the reliability, efficiency, durability and flexibility of the handling solutions we provide. This means not only considering factors surrounding individual pieces of equipment, but carefully assessing how each component will impact the system as a whole.

Here are some of the specific goals we can work toward in any engineering plan:

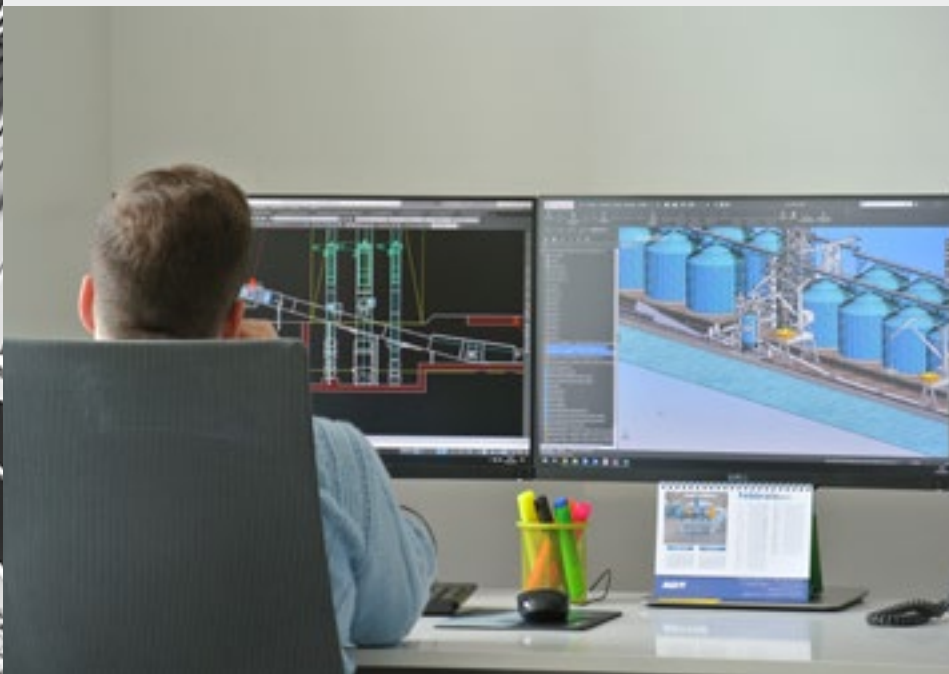
- Efficient and flexible receiving system design for trucks, trains or vessels
- Ensuring easy travel routes to minimise traffic and time loss during operations
- Improving handling system resilience to minimise downtimes
- Providing the flexibility to operate two or more cycles at the same time to maximise productivity
- Reducing costs through more efficient power usage
- Adding the capacity to handle and store two or more products at the same time
- Assessing connections to improve flexibility and extend the lifespan of components
- Optimizing civil works planning for easy assembly, inspection, maintenance and servicing of the handling and processing equipment
- Planning for future expansions

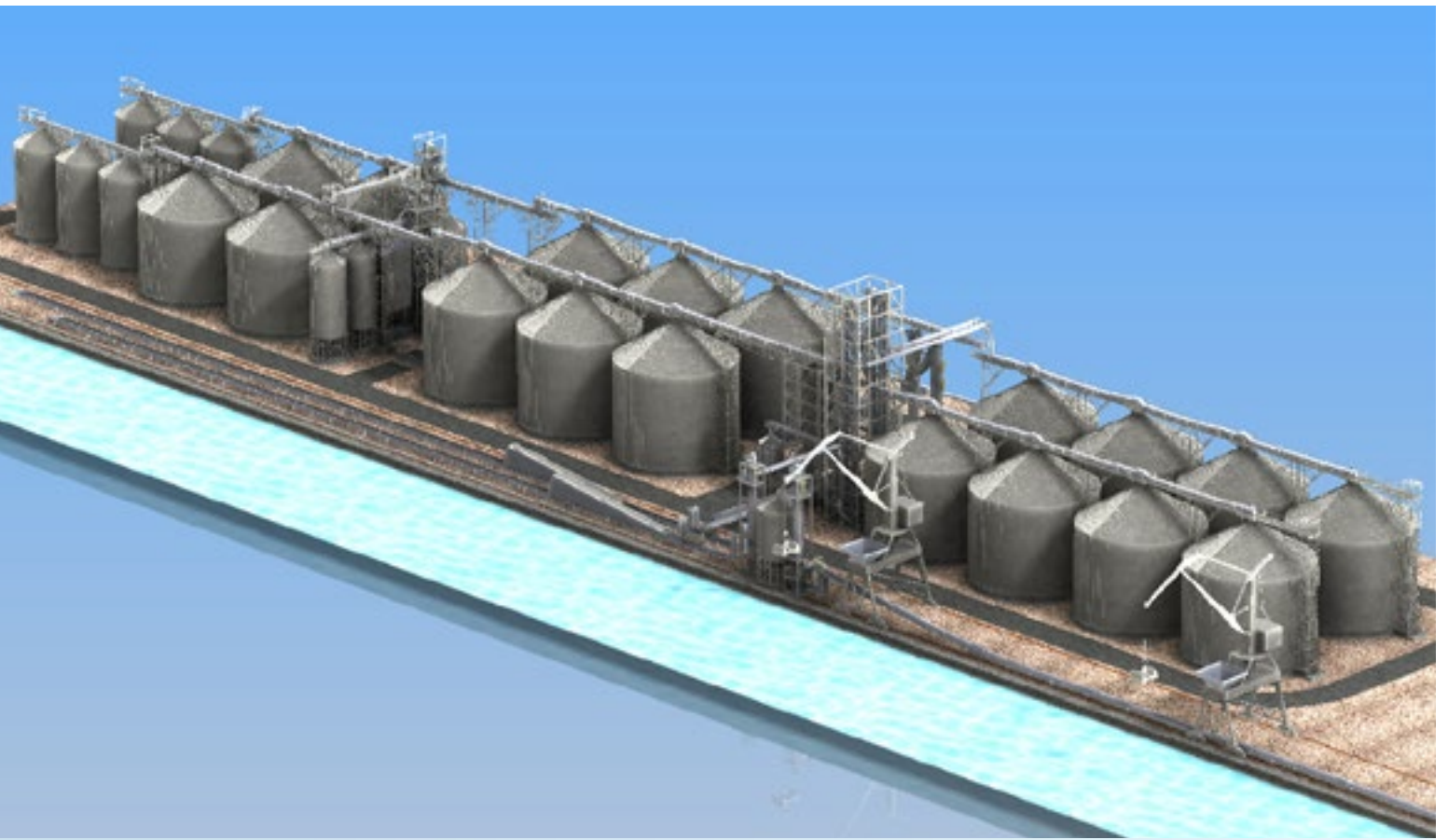
STANDARD ENGINEERING SERVICES

- Configuration drawings for all equipment. Drawings can be shared in both CAD and PDF format.
- Additional technical data to integrate AGI's equipment in the storage plant such as table of loads, information about electrical equipment, compressed air consumption and dust aspiration.
- Comprehensive documentation with drawings and manuals for assembly, operation and maintenance. All documentation is integrated with AGI PTM's coding and labelling system to guide the assembling team throughout the installation process.

OPTIONAL ENGINEERING SERVICES

- Process flow diagrams complete with all equipment, sensors, power, and compressed air requirements
- Layout and general arrangement drawings of the storage and process plant
- Architectural civil works and reservation drawings to guide the design and calculation of the local civil engineering company/contractor
- Co-engineering with customer's contractors to collect information needed to comply with local regulations
- In the case of revamping, expansion, or modernisation, we can review and advise on the feasibility and integrability of the handling system, within the existing parts of the system
- All drawings, upon request, are available in both 2D and 3D format to help customers completing B.I.M. on their projects



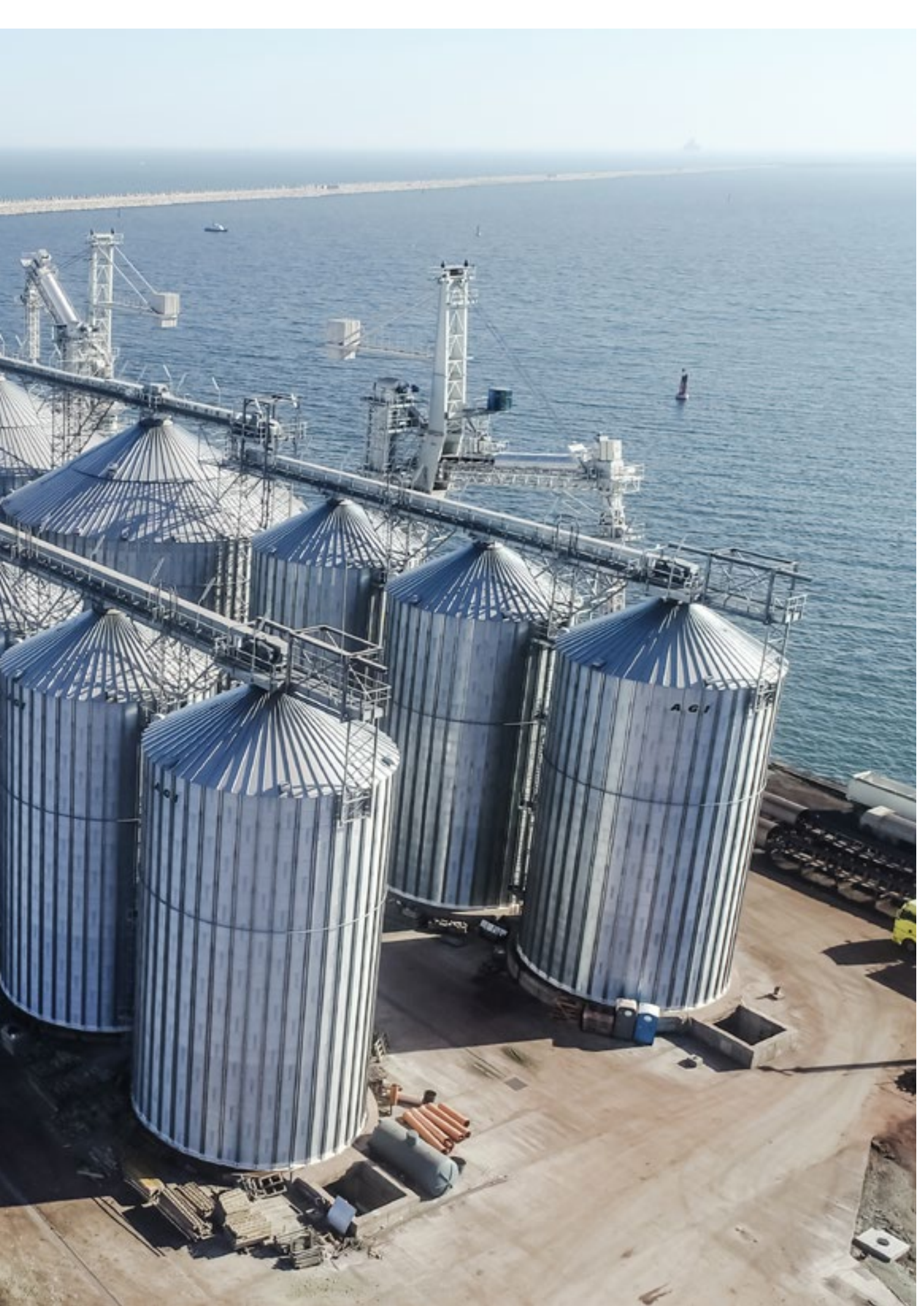


CONSTANTA, ROMANIA

FLAT BOTTOM SILOS | HOPPER BOTTOM SILOS
BULK LOADING SILOS | SILO ACCESSORIES
CHAIN CONVEYOR | BUCKET ELEVATOR

TONNAGE: 211,000 | COMMODITY: WHEAT





MYKOLAYIV, UKRAINE

FLAT BOTTOM SILOS | HOPPER BOTTOM SILOS
BULK LOADING SILOS | SILO ACCESSORIES
CHAIN CONVEYOR | BUCKET ELEVATOR

TONNAGE: 98,000 | COMMODITY: WHEAT

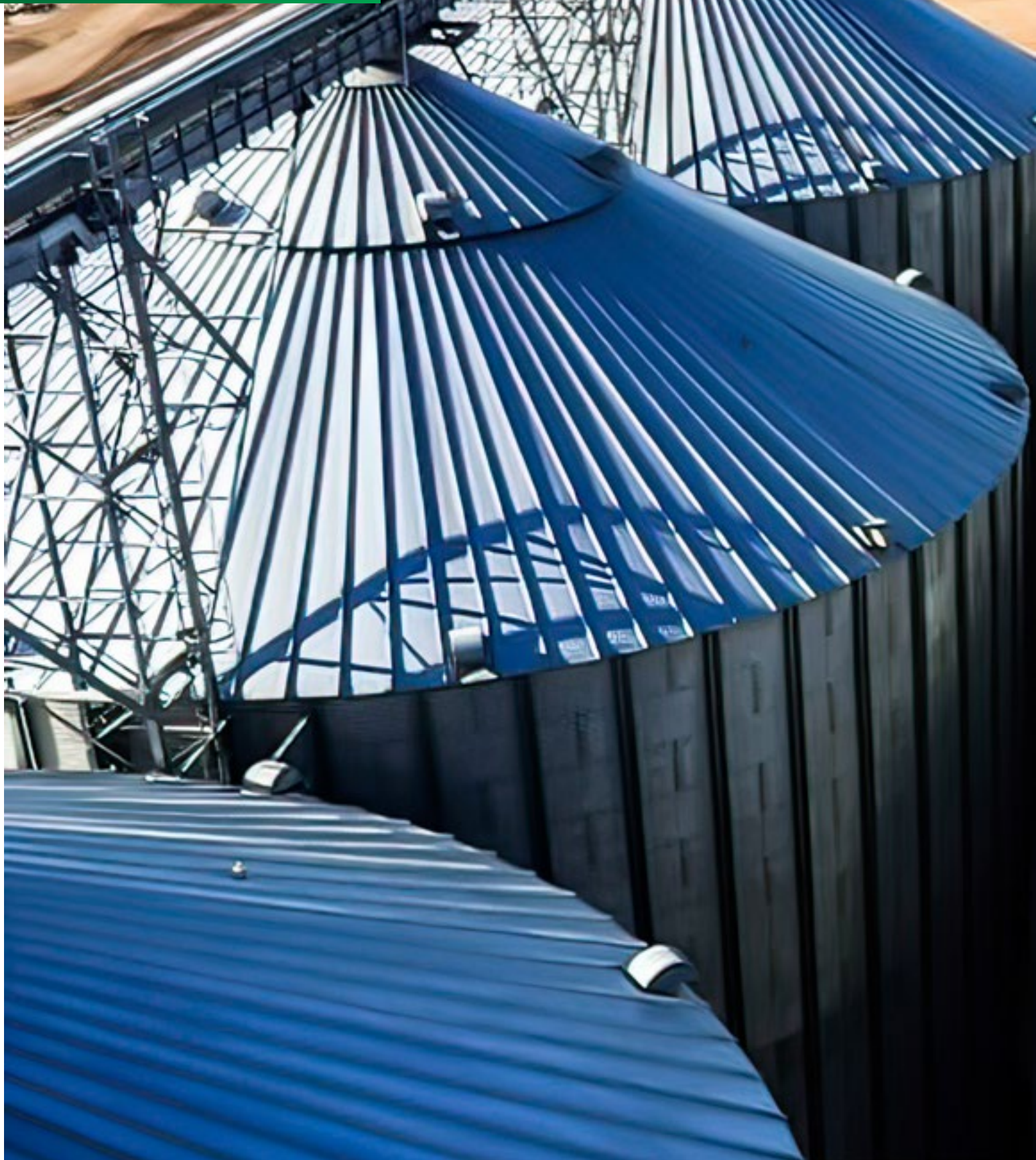


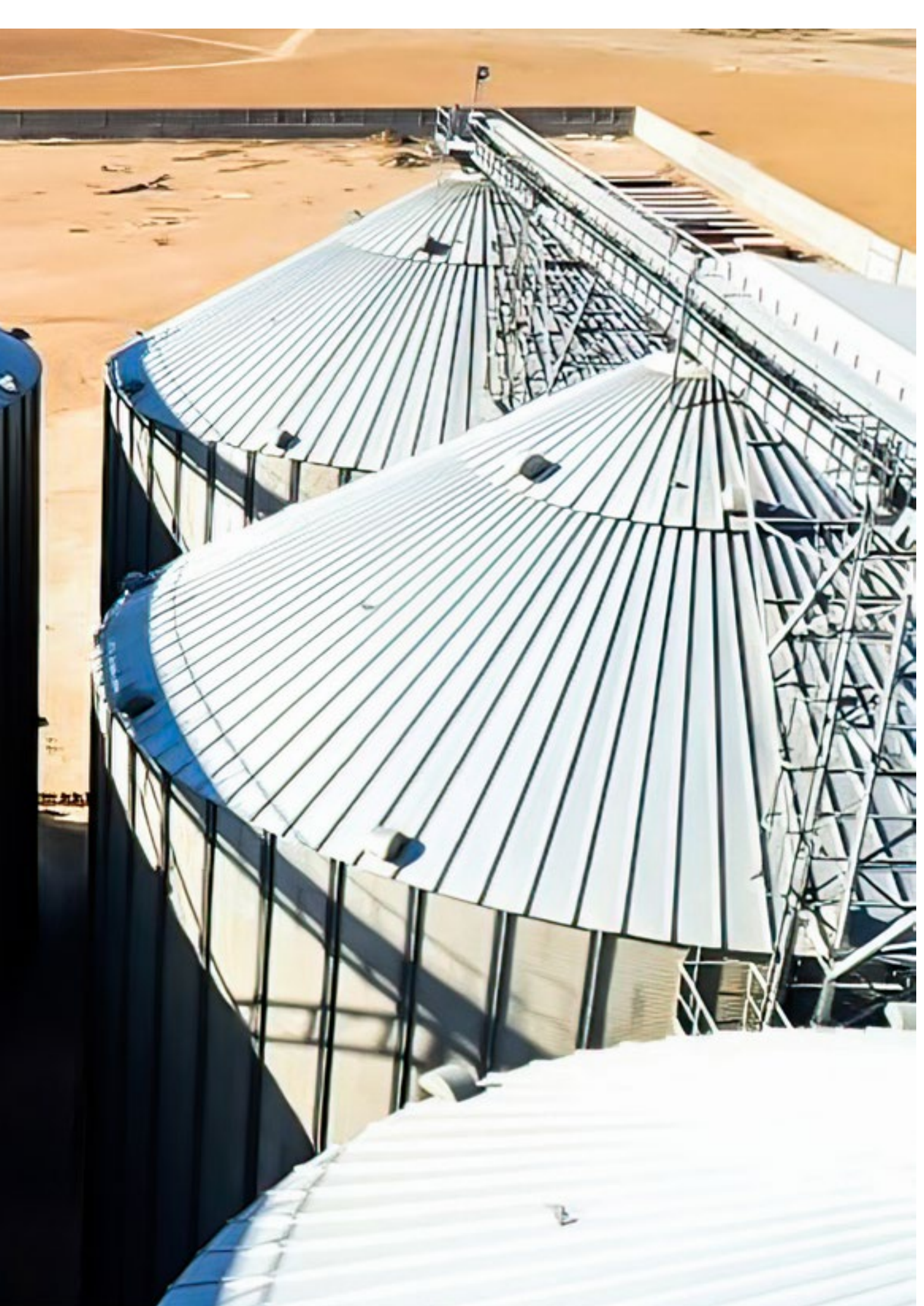


AMMAN, JORDAN

FLAT BOTTOM SILOS | BULK LOADING SILOS
SILO ACCESSORIES | CHAIN CONVEYOR
BUCKET ELEVATOR

TONNAGE: 45,000 | COMMODITY: CORN





DAMMAM, SAUDI ARABIA

FLAT BOTTOM SILOS | BULK LOADING SILOS
SILO ACCESSORIES | CHAIN CONVEYOR
BUCKET ELEVATOR | FLIGHT ELEVATOR

TONNAGE: 77,500 | COMMODITY: CORN





CAIRO, EGYPT

FLAT BOTTOM SILOS | BULK LOADING SILOS
CHAIN CONVEYOR | BUCKET ELEVATOR

TONNAGE: 42,000 | COMMODITY: WHEAT







AGI is a global leader in supplying farm and commercial customers with the manufacturing, planning, and engineering of full equipment solutions for grain, seed, fertilizer, feed, and food. AGI's expertise enables the storage, blending, mixing, conveying, conditioning, processing, and protection of agricultural products and inputs worldwide.

Your safety is our highest priority.

Please read and understand the operator's manual and safety decals before using. Use and maintain products properly, and do not modify. Keep guards in place when operating and follow all product manuals and safety decals. For all AGI products, if guards, safety decals, or manuals are damaged or missing, contact your AGI sales or dealer representative for replacements. Images and information contained in this brochure are presented for general information.

AGI, AGI PTM, and the AGI logo, are trademarks belonging to Ag Growth International Inc.

Corporate Headquarters

198 Commerce Drive, Winnipeg, Manitoba, Canada R3P 0Z6

P 1.204.489.1855 | **E** sales@aggrowth.com

AGI EMEA S.R.L.

Via Bertella 2 - 40064, Ozzano dell'Emilia (BO) - Italy

P +39 0429 600 973 | **F** +39 0429 600 874 | **E** emea@aggrowth.com

Share Capital: € 500.000,00 | VAT ID: IT03293161208 | Companies' register: BO03293161208