



POLYETHYLENE PRODUCT CATALOGUE

POLYETHYLENE SOLUTIONS

Storage | Sanitation | Agriculture|

Infrastructure

Professional export supply from Türkiye for distributors and project partners



ENGINEERING | GLOBAL SUPPLY

a2zeximco.com

A supply partner that controls the details

Clear technical communication, coordinated production and export execution.

A2Z EXIMCO is a Türkiye-based export and sourcing company connecting qualified manufacturing capability with international importers, distributors and project partners. For this product range, A2Z coordinates product selection, manufacturing follow-up, quality checks, documentation and international shipment planning through a single commercial contact.

40+
COUNTRIES REACHED

TR
TÜRKİYE BASED

01

REQUIREMENT REVIEW

Application, capacity, liquid, installation limits and destination market.

02

TECHNICAL MATCH

Model selection, dimensions, reinforcement and accessory configuration.

03

PRODUCTION FOLLOW-UP

Order coordination, inspection points, visual records and issue control.

04

EXPORT PREPARATION

Commercial documents, packing, labels and loading plan.

05

AFTER-SALES FOLLOW-UP

Technical files, spare parts coordination and responsive communication.

A2Z supplies as an export and sourcing partner. Final product configuration, warranty terms and applicable documents are confirmed in the approved quotation and technical drawing.

One coordinated range. Multiple applications.

A structured portfolio for storage, sanitation, livestock and site operations.



WATER STORAGE

Single, double and three-layer vertical, horizontal and corner tanks.



UNDERGROUND SYSTEMS

Rainwater and septic tanks with reinforced ribbed bodies.



SPACE-SAVING TANKS

Slim profiles for restricted doors, corridors and service areas.



BULK MATERIAL SILOS

Conical discharge tanks with project-specific steel supports.



FOOD PROCESSING

Brine tanks and salt containers from 200 L to 10,000 L.



MOBILE SANITATION

Toilets, showers, urinals and hand-washing systems.



LIVESTOCK

Polyethylene calf hut systems with pens and feeding equipment.



SITE & TRAFFIC

Water/sand-fill road barriers and reusable rubble chute systems.



PROJECT-BUILT STORAGE

On-site assembled polyester tanks for narrow-access locations.

TANK CONFIGURATION GUIDE

Configuration	Best suited to	Key selection point
Single layer	Indoor or controlled-environment utility storage	Cost-efficient monoblock design
Double layer	General-purpose water storage	Improved light limitation and surface durability
Three layer	Hygiene- and temperature-sensitive water storage	Food-grade inner layer, insulation layer, UV-protected outer layer
Reinforced	Diesel, transport or project-specific liquids	Liquid compatibility and reinforcement must be approved before order
Underground	Rainwater and septic applications	Civil works and installation procedure are critical

Three-layer water tanks

A hygiene-focused structure that helps limit light exposure and external temperature effects.



A2Z-PE3-V | VERTICAL



A2Z-PE3-H | HORIZONTAL

FOOD-GRADE INNER

THERMAL BARRIER

UV-PROTECTED OUTER

VERTICAL MODELS

Capacity	Dia.	Height	Lid	Outlet
500 L	90 cm	92 cm	44 cm	1/2"
750 L	102 cm	114 cm	44 cm	3/4"
1,000 L	110 cm	112 cm	44 cm	3/4"
1,500 L	125 cm	140 cm	44 cm	1"
2,000 L	136 cm	165 cm	44 cm	1"
3,000 L	153 cm	190 cm	44 cm	1"

HORIZONTAL MODELS

Capacity	Dia.	Height	Length	Lid	Outlet
500 L	80	85	110	44	1/2"
1,000 L	104	107	138	44	3/4"

Dimensions are nominal and shown in centimetres. Current three-layer body dimensions are subject to $\pm 3\%$ tolerance. Final approved drawing governs.

Application note: reinforced configurations are available for approved diesel and acid applications. Always confirm the stored liquid, concentration, temperature and operating conditions before order.

Double-layer corner & horizontal tanks

Practical monoblock storage across compact and high-volume footprints.



A2Z-PE2-C | CORNER



A2Z-PE2-H | HORIZONTAL

CORNER SERIES

Capacity	Width	Height	Length	Lid	Outlet
100 L	49	42	68	32	1/2"
200 L	61	59	76	32	1/2"
300 L	58	58	103	32	1/2"
400 L	58	63	126	32	1/2"
500 L	68	58	147	32	1/2"

HORIZONTAL SERIES

Capacity	Width	Height	Length	Lid	Outlet
100 L	39	46	76	12	1/2"
200 L	61	71	65	32	1/2"
300 L	63	71	103	32	1/2"
500 L	68	76	136	32	1/2"
750 L	81	90	140	32	3/4"
1,000 L	89	96	161	32	3/4"
1,500 L	100	107	169	39	1"
2,000 L	107	116	198	39	1"
3,000 L	125	133	221	39	1"
5,000 L	170	175	200	39	1"

All dimensions are nominal centimetres. Standard dimensional tolerance: $\pm 5\%$. Verify door clearances, service access and final connection position before order.

Double-layer vertical tanks

Maximum storage capacity with a reduced floor footprint.



A2Z-PE2-V | VERTICAL

SELECTION LOGIC

Compact footprint. Broad capacity range.

Vertical tanks are suited to locations where available floor area is limited. Short and tall variants allow the installation height and diameter to be balanced against door access, ceiling clearance and service space.

300-20,000 L

SHORT & TALL OPTIONS

VERTICAL MODEL DIMENSIONS

Capacity	Dia.	Height	Lid	Outlet
300 L	53	140	32	1/2"
500 L	60	165	32	1/2"
750 L - short	91	134	32	3/4"
750 L - tall	77	176	32	3/4"
1,000 L - short	88	178	39	3/4"
1,000 L - tall	75	221	39	3/4"
1,500 L	107	183	39	1"
2,000 L	128	166	39	1"
3,000 L	140	206	39	1"
5,000 L	181	223	39	1"
5,000 L - low	205	176	39	1"
10,000 L	223	260	39	1 1/4"
15,000 L	264	300	44	2"
20,000 L	280	338	44	2"

Nominal dimensions in centimetres; $\pm 5\%$ tolerance. Installation must be on a continuous, level and load-bearing base. Do not support the tank on pallets, blocks or point loads.

Single-layer corner & horizontal tanks

A cost-efficient solution for compatible water and utility applications.



A2Z-PE1-C | CORNER



A2Z-PE1-H | HORIZONTAL

CORNER SERIES

Capacity	Width	Height	Length	Lid	Outlet
100 L	49	42	68	32	1/2"
200 L	61	59	76	32	1/2"
300 L	58	58	103	32	1/2"
400 L	58	63	126	32	1/2"
500 L	68	58	147	32	1/2"

HORIZONTAL SERIES

Capacity	Width	Height	Length	Lid	Outlet
100 L	39	46	76	12	1/2"
200 L	61	71	65	32	1/2"
300 L	63	71	103	32	1/2"
500 L	68	76	136	32	1/2"
750 L	81	90	140	32	1/2"
1,000 L - short	89	96	161	32	1/2"
1,000 L - long	65	87	197	32	1/2"
1,500 L	100	107	169	39	1"
2,000 L	107	116	198	39	1"
3,000 L	125	133	221	39	1"
5,000 L	170	175	200	39	1"

Single-layer selection should be based on installation environment, light exposure and stored liquid. Final suitability must be confirmed in writing for non-water applications.

Single-layer vertical tanks

Compact footprint with capacities from 100 L to 20,000 L.



A2Z-PE1-V | VERTICAL

APPLICATION

Designed around installation constraints

Select the model by capacity, usable floor area, access width, ceiling clearance and connection routing. Larger tanks require a continuous flat base capable of supporting the full operating load.

VERTICAL MODEL DIMENSIONS

Capacity	Dia.	Height	Lid	Outlet
100 L	40	77	12	1/2"
200 L	56	91	12	1/2"
300 L	53	140	32	1/2"
500 L	60	165	32	1/2"
750 L - short	91	134	32	3/4"
750 L - tall	77	176	32	3/4"
1,000 L - short	88	178	32	3/4"
1,000 L - tall	75	221	32	3/4"
1,500 L	107	183	39	1"
2,000 L	128	166	39	1"
3,000 L	140	206	39	1"
5,000 L	181	223	39	1"
5,000 L - low	205	176	39	1"
10,000 L	223	260	39	1 1/4"
15,000 L	264	300	39	2"
20,000 L	280	338	39	2"

Nominal dimensions in centimetres; $\pm 5\%$ tolerance. Final lid, outlet and connection configuration is confirmed in the approved order document.

Underground rainwater & septic tanks

Reinforced ribbed polyethylene bodies for below-ground applications.



A2Z-UG | UNDERGROUND TANK

CORE BENEFITS

Controlled storage

Corrosion-resistant polyethylene, reinforced body geometry and dual access points support rainwater recovery and septic duty. Below-ground installation preserves usable surface space when the approved civil-work method is followed.

3,000 L

5,000 L

NOMINAL DIMENSIONS

Capacity	Width	Body height	Height incl. neck	Length
3,000 L	190 cm	190 cm	208 cm	160 cm
5,000 L	190 cm	190 cm	208 cm	225 cm

INSTALLATION ESSENTIALS

BASE

Prepare a level reinforced-concrete base before lowering the tank.

CLEARANCE

Maintain the specified perimeter clearance and avoid contact with the pit walls.

BACKFILL

Use fine sand in controlled layers while following the approved filling sequence.

LOAD PROTECTION

Do not allow people or vehicles to pass over the installed tank unless a designed load-protection structure is provided.

Slim tanks & polyethylene manholes

Purpose-built forms for restricted access and inspection points.



A2Z-SL | SLIM TANK



A2Z-MH | MANHOLE

SLIM TANK DIMENSIONS

Capacity	Width	Height	Length	Application
2,000 L	75 cm	150 cm	260 cm	Above-ground / approved underground configuration
3,000 L	70 cm	210 cm	300 cm	Above-ground / approved underground configuration

APPLICATION NOTES

Slim tanks

Narrow body profiles simplify movement through doors and service corridors, helping turn restricted plant-room space into useful storage capacity. Underground versions require the specified reinforcement and installation procedure.

Polyethylene manholes

Dedicated inspection access supports channel-flow control, cleaning, maintenance and ventilation without a masonry chamber. Install on a level base with sealed pipe connections and controlled fine-sand compaction.

Nominal dimensions in centimetres; $\pm 5\%$ tolerance. Ground conditions and civil works must be reviewed by the responsible project engineer.

Polyethylene silo tanks

Conical discharge geometry for food, textile, chemical and process applications.



A2Z-SI | SILO TANK

PROJECT CONFIGURATION

Tank and support as one system

The conical lower section supports controlled discharge. Support height, connection position, inspection openings and optional mixer or pneumatic-agitator preparation can be configured for the process.

UV-STABILIZED PE

CONICAL DISCHARGE

CUSTOM SUPPORT HEIGHT

NOMINAL SILO DIMENSIONS

Capacity	Diameter	Overall height	Cone height
500 L	90 cm	90 cm	25 cm
1,000 L	102 cm	160 cm	40 cm
1,500 L	125 cm	180 cm	60 cm
2,000 L	125 cm	210 cm	60 cm
2,500 L	125 cm	230 cm	60 cm
3,000 L	170 cm	200 cm	65 cm
5,000 L	170 cm	280 cm	65 cm
10,000 L	235 cm	310 cm	135 cm

Nominal dimensions in centimetres; $\pm 5\%$ tolerance. Chemical compatibility, bulk density, discharge behaviour, wind/seismic loads and support design must be confirmed for each project.

Brine tanks & textile trolleys

Hygienic storage and practical material movement for industrial facilities.



A2Z-BR | BRINE TANK



A2Z-TT | TEXTILE TROLLEY

BRINE TANK DIMENSIONS

Capacity	Diameter / width	Height	Capacity	Diameter / width	Height
200 L	55	80	2,000 L	144	132
300 L	70	85	2,500 L	156	140
500 L	80	110	3,000 L	164	152
750 L	94	120	5,000 L	200	170
1,000 L	106	125	10,000 L	230	255

USE & CONFIGURATION

PROCESS STABILITY

The robust polyethylene body helps moderate rapid temperature changes in olive, pickle and similar brine processes.

HYGIENIC ACCESS

A wide removable cover provides practical access for filling, inspection and cleaning routines.

MOBILE HANDLING

Textile trolleys use a rigid frame and manoeuvrable wheel system; braked wheels can be configured.

Nominal brine tank dimensions in centimetres; $\pm 5\%$ tolerance. Food-contact suitability and chemical compatibility must be confirmed for the actual process and cleaning regime.

Toilets, showers & hand-washing units

UV-stabilized, easy-clean hygiene infrastructure for construction, events, camps and temporary sites.



A2Z-MT | MOBILE TOILET



A2Z-MS | MOBILE SHOWER



A2Z-HW | HAND WASH

PRODUCT DIMENSIONS

A2Z code	Product	Width	Length	Height
A2Z-MT-1734	Mobile toilet with tank	112 cm	115 cm	240 cm
A2Z-MT-1738	Mobile toilet without tank	112 cm	115 cm	225 cm
A2Z-MS-1739	Mobile shower unit	112 cm	115 cm	240 cm
A2Z-MU-1740	Mobile urinal	116 cm	116 cm	200 cm
A2Z-MU-1741	Four-person mobile urinal	130 cm	130 cm	200 cm
A2Z-HW-1981	Two-person hand-wash unit	62 cm	126 cm	152 cm

STANDARD / OPTIONAL FUNCTIONS

WITH-TANK TOILET

An integrated 350 L clean-water tank, waste tank, hand-wash system and ventilation create a self-contained site solution.

SHOWER

A 350 L storage tank and hand-shower set provide a fast-to-deploy washing point for temporary facilities.

ACCESSORIES

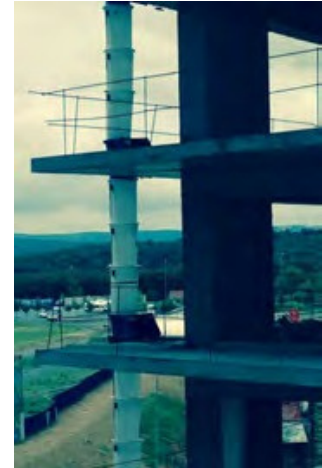
Mirror, soap and paper dispensers, bidet valve, cistern and urinal options tailor comfort and hygiene to the project.

Road barriers & rubble chute systems

Reusable polyethylene solutions for traffic control and construction-site material handling.



A2Z-RB | ROAD BARRIER



A2Z-RC | RUBBLE CHUTE

ROAD BARRIER SIZES

Width	Height	Length	Color
50 cm	50 cm	120 cm	Red / white / project color
50 cm	50 cm	150 cm	Red / white / project color
50 cm	80 cm	120 cm	Red / white / project color

FILLABLE BARRIER BODY

Top and bottom plugs support convenient filling and draining with water or sand. Interlocking geometry supports continuous barrier lines.

RUBBLE CHUTE SYSTEM

Polyethylene chute towers transfer construction debris from upper floors to ground level. The impact-resistant rotationally moulded sections are connected by chains and can be reused across multiple projects.

- One steel floor connector per chute line / floor interface
- Typical planning basis: three chute sections per floor
- Chain connection between sections is required
- Reusable across different construction sites

Calf hut systems

Ahygienic,weather-resistantindividualhousingolution for young calves.



A2Z-CH | CALF HUT WITH PEN AND FEEDING EQUIPMENT

NOMINAL HUT DIMENSIONS

Width	Height	Length	Standard shell color
130 cm	135 cm	145 cm	White; project colors subject to quantity

DESIGNED FOR ANIMAL CARE & DAILY EFFICIENCY

HDPE BODY

A durable polyethylene shell with smooth, washable surfaces supports hygienic daily care.

CLIMATE PROTECTION

White shell reflects solar radiation and supports protection from rain, wind, frost and hail.

VENTILATION

Top and rear ventilation openings support fresh-air movement and calf comfort.

EASY CLEANING

Smooth internal and external surfaces support quick cleaning and hygiene routines.

METAL COMPONENTS

Pen components can be zinc-galvanized for improved corrosion resistance.

CONFIGURATION

Pen, bowls and selected accessories can be quoted as a coordinated system.

On-site assembled polyester tanks

Large-capacity storage for basements and other narrow-access installations.



A2Z-PA | ASSEMBLY COMPONENT

CAPACITY RANGE

3,000 L to 100,000 L

Modular tank components are prepared for transport through restricted entry points and assembled at the installation location by a specialized technical team.

NARROW-ACCESS PROJECTS

PROJECT-SPECIFIC DIMENSIONS

PROJECT WORKFLOW

01

SITE DATA

Access route, room dimensions, base condition and connection points.

02

ENGINEERING

Capacity, geometry, panel arrangement and installation method.

03

FACTORY PREPARATION

Components, reinforcement, accessories and quality controls.

04

ON-SITE ASSEMBLY

Technical installation, connection preparation and final checks.

COMMERCIAL & TECHNICAL NOTE

This line is engineered against the actual site and is not selected from a fixed dimension table. The written quotation defines material system, capacity, accessories, installation scope, civil-work responsibilities and manufacturing-defect warranty. The source range supports a 10-year manufacturer warranty for approved installations; the final contract terms govern.

A level, load-bearing foundation and safe site access are mandatory. Site measurements and installation conditions must be approved before production.

Installation, use & documentation

The right product delivers its value only when application and installation are controlled.

UNIVERSAL TANK-USE PRINCIPLES

FULL BASE SUPPORT

Install on a continuous, flat, clean and load-bearing surface.

NO POINT LOADS

Do not use pallets, blocks or wedges that create unsupported areas.

NO PRESSURIZATION

Do not apply internal or external pressure unless the product is specifically engineered for it.

DO NOT MOVE FULL

Drain the tank before relocation or transport.

TEMPERATURE

Stored water temperature must not exceed 50 °C unless otherwise approved.

MAINTENANCE

Inspect lid, seals and connections and clean water tanks at least every six months.

A2Z DOCUMENT & QUALITY PACKAGE

- Approved commercial and technical offer
- Product-specific dimensions and configuration
- Manufacturer coordination and production follow-up
- Pre-shipment visual records and agreed inspection points
- Packing, loading and export-document coordination
- Applicable technical files, test reports and certificates on request

BEFORE YOU ORDER

Provide the stored liquid, concentration, density, temperature, installation location, indoor/outdoor exposure, required capacity, access limits, connection details and destination-country requirements.

Product imagery is representative. Specifications may be improved without notice; the approved quotation, product drawing and written application confirmation take precedence.



GLOBAL EXPORT & SUPPLY PARTNER

LET'S BUILD THE RIGHT SUPPLY.

Share your required product, capacity, quantity, destination port and application conditions. A2Z will coordinate the commercial and technical review and return with a clear export proposal.

EMAIL

sales@a2zeximco.com

PHONE

+90 553 002 19 52

WEB

www.a2zeximco.com

LOCATION

Ankara / Türkiye



SCAN TO VISIT

ENGINEERING | GLOBAL SUPPLY

Catalogue edition: July 2026 | Specifications subject to approved quotation