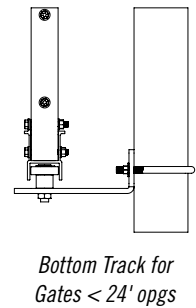
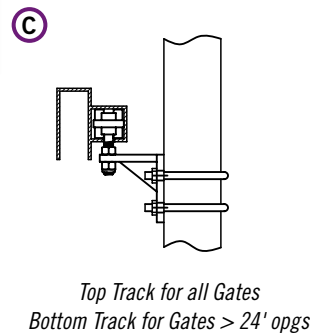
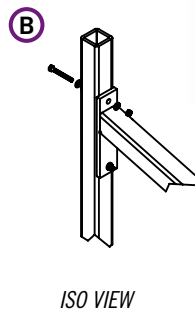
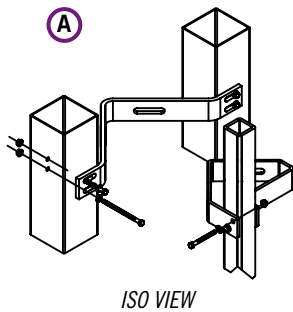
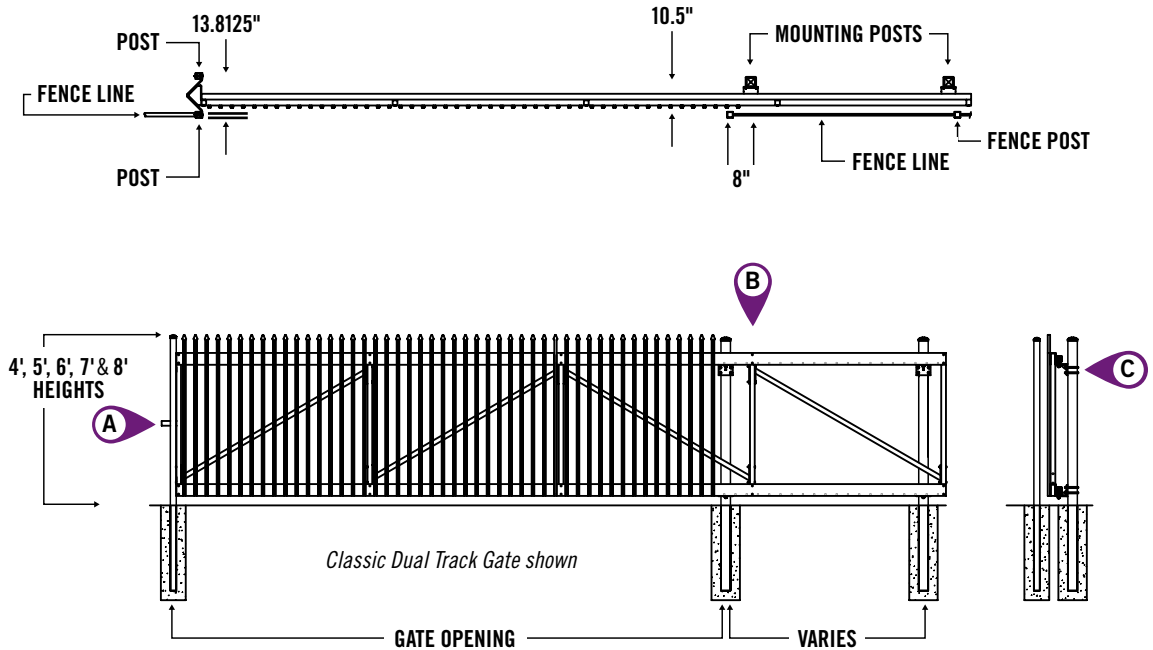


TRANSPORT II®

2"sq x .25" UPRIGHTS & DIAGONAL BRACES | 1"sq PICKETS | GATE TRACKS PRE-DRILLED FOR LEFT OR RIGHT OPENINGS

PATENT NUMBER: D609951



CANTILEVER GATE SAFETY WARNING

Ornamental Cantilever Gates are supplied with rolls of 2" mesh safety screening in sufficient quantities to cover the entire gate (including overhang) and an equal portion of fence parallel to the gate in the open position up to a height of over 6' from ground elevation. **This screening must be included when the TransPort Gate is assembled at the job site.** Additionally, all of the safety requirements of ASTM F2200 must be met during installation. **Failure to incorporate the safety mesh or follow ASTM F2200 safety requirements during gate assembly and installation will cause rejection of the entire gate system any time an attempt is made to attach the gate to an automatic gate operator. Ameristar assumes no responsibility for gate installations that fail to utilize the materials provided or meet the applicable safety standards.**

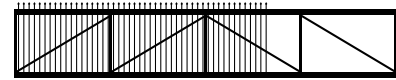
Refer to construction specification & tables within this section for more details.

Effective: 0/17/19

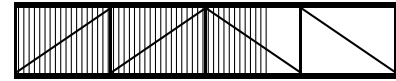
TRANSPORT II® | CANTILEVER GATES

GATE HARDWARE & POST NOT INCLUDED | HORIZONTAL STABILIZING ARM INCLUDED FOR OPENINGS OVER 24' | ASSEMBLY REQUIRED

	OPENING	LENGTH	ITEM NUMBER	WEIGHT	PICKET QTY
4' HEIGHT	6'-8'	144.5"	2T☒☒04808SR1	223 lbs	21
	8'-10'	182.5"	2T☒☒04810SR1	272 lbs	27
	10'-12'	211"	2T☒☒04812SR1	324 lbs	31
	12'-14'	249"	2T☒☒04814SR1	372 lbs	37
	14'-16'	287"	2T☒☒04816SR1	418 lbs	42
	16'-18'	325"	2T☒☒04818SR1	466 lbs	48
	18'-20'	372.5"	2T☒☒04820SR1	548 lbs	55
	20'-22'	401"	2T☒☒04822SR1	591 lbs	59
	22'-24'	429.5"	2T☒☒04824SR1	623 lbs	63
	24'-27' Dual	496"	2T☒☒04827S	735 lbs	73
27'-30' Dual	534"	2T☒☒04830S	782 lbs	79	
5' HEIGHT	6'-8'	144.5"	2T☒☒06008SR1	241 lbs	21
	8'-10'	182.5"	2T☒☒06010SR1	292 lbs	27
	10'-12'	211"	2T☒☒06012SR1	354 lbs	31
	12'-14'	249"	2T☒☒06014SR1	372 lbs	37
	14'-16'	287"	2T☒☒06016SR1	452 lbs	42
	16'-18'	325"	2T☒☒06018SR1	503 lbs	48
	18'-20'	372.5"	2T☒☒06020SR1	595 lbs	55
	20'-22'	401"	2T☒☒06022SR1	639 lbs	59
	22'-24'	429.5"	2T☒☒06024SR1	674 lbs	63
	24'-27' Dual	496"	2T☒☒06027S	796 lbs	73
27'-30' Dual	534"	2T☒☒06030S	847 lbs	79	
6' HEIGHT	6'-8'	144.5"	2T☒☒07208SR1	260 lbs	21
	8'-10'	182.5"	2T☒☒07210SR1	313 lbs	27
	10'-12'	211"	2T☒☒07212SR1	384 lbs	31
	12'-14'	249"	2T☒☒07214SR1	437 lbs	37
	14'-16'	287"	2T☒☒07216SR1	487 lbs	42
	16'-18'	325"	2T☒☒07218SR1	540 lbs	48
	18'-20'	372.5"	2T☒☒07220SR1	643 lbs	55
	20'-22'	401"	2T☒☒07222SR1	689 lbs	59
	22'-24'	429.5"	2T☒☒07224SR1	725 lbs	63
	24'-27' Dual	496"	2T☒☒07227S	860 lbs	73
27'-30' Dual	534"	2T☒☒07230S	912 lbs	79	



CLASSIC™



MAJESTIC™



GENESIS™

7' & 8' HEIGHTS ON NEXT PAGE

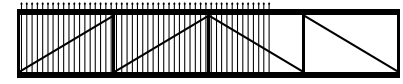
Note: All TransPort gates over 24' opening are Dual Track Systems & include a horizontal stabilizer arm

Effective: 01/17/19

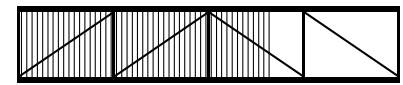
TRANSPORT II® | CANTILEVER GATES

GATE HARDWARE & POST NOT INCLUDED | HORIZONTAL STABILIZING ARM INCLUDED FOR OPENINGS OVER 24' | ASSEMBLY REQUIRED

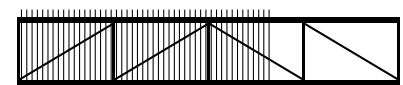
	OPENING	LENGTH	ITEM NUMBER	WEIGHT	PICKET QTY
7' HEIGHT	6'-8'	144.5"	2T☒Ⓞ08408SR1†	278 lbs	21
	8'-10'	182.5"	2T☒Ⓞ08410SR1†	334 lbs	27
	10'-12'	211"	2T☒Ⓞ08412SR1†	415 lbs	31
	12'-14'	249"	2T☒Ⓞ08414SR1†	470 lbs	37
	14'-16'	287"	2T☒Ⓞ08416SR1†	522 lbs	42
	16'-18'	325"	2T☒Ⓞ08418SR1†	578 lbs	48
	18'-20'	372.5"	2T☒Ⓞ08420SR1†	692 lbs	55
	20'-22'	401"	2T☒Ⓞ08422SR1†	740 lbs	59
	22'-24'	429.5"	2T☒Ⓞ08424SR1†	777 lbs	63
	24'-27' Dual	496"	2T☒Ⓞ08427S†	924 lbs	73
27'-30' Dual	534"	2T☒Ⓞ08430S†	979 lbs	79	
8' HEIGHT	6'-8'	144.5"	2T☒Ⓞ09608SR1†	297 lbs	21
	8'-10'	182.5"	2T☒Ⓞ09610SR1†	356 lbs	27
	10'-12'	211"	2T☒Ⓞ09612SR1†	446 lbs	31
	12'-14'	249"	2T☒Ⓞ09614SR1†	504 lbs	37
	14'-16'	287"	2T☒Ⓞ09616SR1†	558 lbs	42
	16'-18'	325"	2T☒Ⓞ09618SR1†	617 lbs	48
	18'-20'	372.5"	2T☒Ⓞ09620SR1†	741 lbs	55
	20'-22'	401"	2T☒Ⓞ09622SR1†	791 lbs	59
	22'-24'	429.5"	2T☒Ⓞ09624SR1†	830 lbs	63
	24'-27' Dual	496"	2T☒Ⓞ09627S†	989 lbs	73
27'-30' Dual	534"	2T☒Ⓞ09630S†	1047 lbs	79	



CLASSIC™



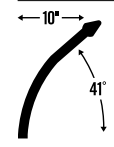
MAJESTIC™



GENESIS™



INVINCIBLE™

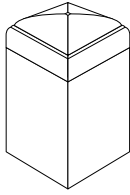


☒ = FENCE STYLES AVAILABLE | C = Classic M = Majestic G = Genesis I = Invincible†
 Ⓞ = COLOR OPTIONS AVAILABLE | B = Black N = Bronze W = White S = Sand

Note: All TransPort gates over 24' opening are Dual Track Systems & include a horizontal stabilizer arm kit.

Effective: 01/17/19

TRANSPORT II® | GATE POSTS & POST CAPS



STEEL POSTS

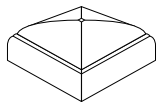
4"sq. x 11ga.

6"sq. x .1875 wall

POST LENGTH	ITEM NUMBER	WEIGHT
6'	Pⓧ40072	39 lbs
7'	Pⓧ40084	47 lbs
8'	Pⓧ40096	54 lbs
9'	Pⓧ40108	61 lbs
10'	Pⓧ40120	67 lbs
11'	Pⓧ40132	74 lbs
12'	Pⓧ40144	81 lbs
13'	Pⓧ40156	87 lbs
14'	Pⓧ40168	94 lbs
15'	Pⓧ40180	101 lbs
16'	Pⓧ40192	108 lbs
18'	Pⓧ40216	114 lbs
20'	Pⓧ40240	126 lbs
24'	Pⓧ40288	162 lbs
7'	Pⓧ60084	102 lbs
8'	Pⓧ60096	116 lbs
9'	Pⓧ60108	131 lbs
10'	Pⓧ60120	145 lbs
11'	Pⓧ60132	160 lbs
12'	Pⓧ60144	174 lbs
13'	Pⓧ60156	189 lbs
14'	Pⓧ60168	203 lbs
15'	Pⓧ60180	218 lbs
16'	Pⓧ60192	232 lbs

ⓧ = COLOR OPTIONS AVAILABLE | **B** = Black **N** = Bronze
W = White **S** = Sand

NOTE: In locations subject to freezing temperatures, where posts are grouted into core-drilled holes, a .25" diameter hole should be drilled into the post approximately .5" above the elevation to allow for drainage of ground water build-up. The drilled hole must be wiped clean and be dry prior to applying Ameristar zinc primer and color finish.



STANDARD FLAT CAP
 Steel

CAP SIZE	ITEM NUMBER	WEIGHT
4"sq.	Aⓧ 509	.4 lbs
6"sq.	Aⓧ 515	.8 lbs

Effective: 01/17/19

TRANSPORT II® | SINGLE TRACK CANTILEVER GATE HARDWARE

6'-8' opening thru 22'-24' opening are single track systems

DESCRIPTION	ITEM NUMBER	BOX QTY	WEIGHT
4" sq. Post Gate Kit	TGKOSN1	1	80
6" sq. Post Gate Kit	TGKOS-6N1	1	90

Kits include: (2) Truck Assemblies / 6-wheel | (2) Truck Brackets / U-Bolts 4" or 6" sq. per kit size | (1) Cantilever Gate Latch / Yolk & Receiver | (2) Gate Stops | (2) Bottom Roller Assemblies

DESCRIPTION	ITEM NUMBER	BOX QTY	WEIGHT
4" sq. Post Bi-Parting Gate Kit	TGKOSB	1	80

Kits include: (4) Truck Assemblies / 6-wheel | (4) Truck Brackets / U-Bolts 4" sq. per kit size | (1) Gate Latch | (4) Gate Stops | (4) Bottom Roller Assemblies

Note: 4" sq. x 11ga. Minimum post size required for cantilever gate installations.

TRANSPORT II® | DUAL TRACK CANTILEVER GATE HARDWARE

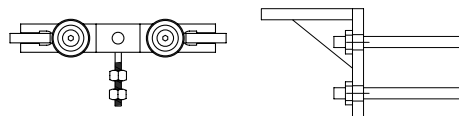
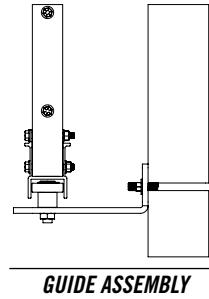
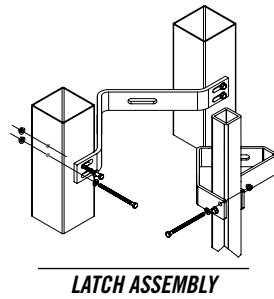
24'-27' opening & 27'-30' opening are dual track systems

DESCRIPTION	ITEM NUMBER	BOX QTY	WEIGHT
4" sq. Post Gate Kit	TGKODN1	1	80
6" sq. Post Gate Kit	TGKOD-6N1	1	90

Kits include: (4) Truck Assemblies / 6-wheel | (4) Truck Brackets / U-Bolts 4" or 6" sq. per kit size | (2) Cantilever Gate Latch / Yolk & Receiver | (2) Gate Stops

DESCRIPTION	ITEM NUMBER	BOX QTY	WEIGHT
4" sq. Post Bi-Parting Gate Kit	TGKODB	1	80

Kits include: (8) Truck Assemblies / 6-wheel | (8) Truck Brackets / U-Bolts 4" sq. per kit size | (1) Gate Latch | (4) Gate Stops



Effective: 01/17/19

TRANSPORT II® | CONSTRUCTION SPECIFICATION 32 31 00

ORNAMENTAL CANTILEVER GATE SYSTEM

PART 1 - GENERAL

1.01 WORK INCLUDED

The contractor shall provide all labor, materials and appurtenances necessary for installation of the industrial ornamental cantilever gate system defined herein at (*specify project site*).

1.02 RELATED WORK

Section ____ - Earthwork

Section ____ - Concrete

1.03 SYSTEM DESCRIPTION

The manufacturer shall supply a total industrial ornamental cantilever gate system of the Ameristar® TransPort II® (*specify Classic™, Majestic™, Genesis™ or Invincible™*) design. The system shall include all components (*i.e., tracks, uprights, bracing, pickets, hardware, fittings, and fasteners*) required.

1.04 QUALITY ASSURANCE

The contractor shall provide laborers and supervisors who are thoroughly familiar with the type of construction involved and materials and techniques specified.

1.05 REFERENCES

- **ASTM A653/A653M** – Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process
- **ASTM B117** – Practice for Operating Salt-Spray (Fog) Apparatus
- **ASTM B221** – Aluminum and Aluminum Alloy Extruded Bars, Shapes and Tubes
- **ASTM D523** – Test Method for Specular Gloss
- **ASTM D714** – Test Method for Evaluating Degree of Blistering in Paint
- **ASTM D1654** – Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
- **ASTM D2244** – Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates
- **ASTM D2794** – Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)
- **ASTM D3359** – Test Method for Measuring Adhesion by Tape Test
- **ASTM D6695** – Standard Practice for Xenon-Arc Exposures of Paint and Related Coatings

1.06 SUBMITTAL

The manufacturer's submittal package shall be provided prior to installation.

1.07 PRODUCT HANDLING AND STORAGE

Upon receipt at the job site, all materials shall be checked to ensure that no damages occurred during shipping or handling. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and to protect against damage, weather, vandalism and theft.

PART 2 - MATERIALS

2.01 MANUFACTURER

All industrial ornamental cantilever gates shall conform to the Ameristar TransPort II gate system, (*specify Classic, Majestic, Genesis, or Invincible*) design, manufactured by Ameristar Fence Products, Inc., in Tulsa, Oklahoma. The project gate schedule shall include the following additional information for each cantilever gate included in the project scope: (*specify nominal opening size in feet*) opening, (*specific nominal height in feet*) height, (*specify direction of gate travel to the open position, right or left, viewing from outside fence line looking in*) gate travel direction.

2.02 MATERIAL

- A. The materials used for cantilever gate framing (*uprights & diagonal bracing*) shall be manufactured from **ASTM B221** aluminum (*designation 6063-T-6*) with yield strength of 25,000 PSI, a tensile strength of 30,000 PSI and a standard mill finish. The TransPort enclosed tracks shall be manufactured from **ASTM B221** aluminum (*designation 6063-T-6*) with a yield strength of 25,000 PSI, a tensile strength of 30,000 PSI and a standard mill finish.
- B. Material for pickets shall be 1" square x 1/8" wall aluminum pickets on gate systems greater than 24' openings, gate systems less than 24' openings shall have 1" square x 16ga. steel pickets. Picket on center spacing shall not exceed 5". Pickets shall be securely fastened to face of top and bottom enclosed track extrusions.
- C. Material for gate uprights and diagonal bracing shall be 2" square x 1/4" wall aluminum. The cross-sectional shape of the top and bottom enclosed-track shall confirm to the manufacturers Fast-Trak™ design with as a single extrusion consisting of a 2" x 5" channeled support with integrated 2" x 2" enclosed-track raceway. Gates less than 24' openings shall be constructed as a single track system, gates greater than 24' openings shall be constructed as a dual track system.
- D. Steel material for fence posts shall be galvanized prior to forming in accordance with the requirements of **ASTM A653/A653M**, with minimum yield strength of 45,000 psi (310 MPa). The steel shall be hot-dip galvanized to meet the requirements of **ASTM A653/A653M** with a minimum zinc coating weight of 0.90 oz/ft² (276 g/m²), Coating Designation G-90. Material for gate support posts shall be 4" square x 11 Ga. tubing.

Effective: 01/17/19

TRANSPORT II® | CONSTRUCTION SPECIFICATION 32 31 00

ORNAMENTAL CANTILEVER GATE SYSTEM

E. Suspension Rollers for enclosed tracks shall be used at each support post to track connection. Each truck assembly shall be capable of being adjusted vertically via threaded rod for fine-tune adjustment. Truck assembly shall be constructed in a way so that the primary housing for the truck rollers shall pivot via ball-bearing connection to threaded rod.

2.03 FABRICATION

- A. Gate frame uprights and diagonal bracing shall be pre-fabricated and pre-punched to accept frame fasteners. Enclosed track shall be pre-punched to accept gate uprights. Pickets shall be pre-cut to specified length and pre-drilled to accept picket to track fasteners. Posts shall be pre-cut to specified lengths.
- B. Top and bottom enclosed track extrusions shall be mechanically fastened to vertical gate uprights and intermediate supports, as required by assembly instructions. Diagonal bracing shall be mechanically fastened to vertical gate uprights and intermediate supports, as required by assembly instructions. Pickets shall be mechanically fastened to top and bottom enclosed track, as required by assembly instructions.
- C. The manufactured gate components shall be subjected to the Ameristar thermal stratification coating process (*high-temperature, in-line, multi-stage, and multi-layer*) including, as a minimum, a six-stage pretreatment/wash and an electrostatic spray application of a polyester finish. The topcoat shall be a "no-mar" TGIC polyester powder coat finish with a minimum thickness of 2 mils (0.0508mm). The color shall be (*specify Black, Bronze, White, or Desert Sand*). The stratification-coated framework shall be capable of meeting the performance requirements for each quality characteristic shown in **Table 1**.

PART 3 - EXECUTION

3.01 PREPARATION

All new installation shall be laid out by the contractor in accordance with the construction plans.

3.02 GATE INSTALLATION

- A. Cantilever support posts shall be set in concrete footers having a minimum depth of 48" (*Note: In some cases, local restrictions of freezing weather conditions may require a greater depth*). The "Earthwork" and "Concrete" sections of this specification shall govern material requirements for the concrete footer. Posts setting by other methods such as plated posts or grouted core-drilled footers are permissible only if shown by engineering analysis to be sufficient in strength for the intended application.
- B. Gate to be installed per manufacturers gate installation instructions. Gate shall be installed in compliance with **ASTM F2200** standards.

3.03 GATE INSTALLATION MAINTENANCE

When cutting/drilling posts adhere to the following steps to seal the exposed steel surfaces; 1) Remove all metal shavings from cut area. 2) Apply zinc-rich primer to thoroughly cover cut edge and/or drilled hole; let dry. 3) Apply 2 coats of custom finish paint matching fence color. Failure to seal exposed surfaces per steps 1-3 above will negate warranty. Ameristar spray cans or paint pens shall be used to prime and finish exposed surfaces; it is recommended that paint pens be used to prevent overspray. Use of non-Ameristar parts or components will negate the manufactures' warranty.

3.04 GATE INSTALLATION

Gate posts shall be spaced according to the manufacturers' drawings, dependent on clear opening. The manufacturers' gate drawings shall identify the necessary gate hardware required for the application. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer's recommendations.

3.05 CLEANING

The contractor shall clean the jobsite of excess materials; post-hole excavations shall be scattered uniformly away from posts.

TABLE 1

COATING PERFORMANCE REQUIREMENTS		
QUALITY CHARACTERISTICS	ASTM TEST METHOD	PERFORMANCE REQUIREMENTS
ADHESION	D3359 – METHOD B	Adhesion (<i>retention of coating</i>) over 90% of test area (<i>tape and knife kit test</i>).
CORROSION RESISTANCE	B117, D714, D1654	Corrosion resistance over 1,000 hours (<i>scribed per D1654; failure mode is accumulation of 1/8" coating loss from scribe or medium #8 blisters</i>)
IMPACT RESISTANCE	D2794	Impact resistance over 60" lb. (<i>forward impact using 0.625" ball</i>).
WEATHERING RESISTANCE	D822 D2244, D523 (60° method)	Weathering resistance over 1,000 hours (<i>failure mode is 60% loss of gloss or color variance of more than 3 delta-E color units</i>).

Effective: 01/17/19

Effective: 01/17/19