

model no:

**SY111D, SY111P,
SY201D, SY201P**

SPYDER SERIES

**46" ROUND ADA EXPANDED METAL & PERFORATED TABLES
IN-GROUND, PORTABLE/SURFACE MOUNT**

customer service:

ASSEMBLERS: If you find any parts missing or damaged, or if you're having difficulty assembling your furniture/equipment, call us at:

* Before calling, have your product model number available.

1-800-253-8619 (Inside U.S.A.)

260-352-2102 (Outside U.S.A.)

Monday thru Friday,
8:00 AM - 4:30 PM Eastern Time
(EXCEPT HOLIDAYS)

maintenance:

Regular inspection and maintenance of all parts, and fasteners is necessary. Tighten all bolts and nuts. Inspect Tops, Seats, Legs, Braces and Fasteners periodically for wear or vandalism. Replace broken or worn parts immediately or take equipment out of service until repairs are made. Use genuine Wabash Valley replacement parts.

To restore plastisol coating to its luster after prolonged use, wash/rinse/dry and use Armor-All ® or similiar quality vinyl protectant.

KEEP THIS ASSEMBLY/SPECIFICATION SHEET FOR FUTURE REFERENCE.

specifications:

NOTE: We reserve the right to change specifications without notice.

Heat fused poly-vinyl coating, finished on inner-metal structure, to an approximate 3/16" thickness. Framework assemblies are finished with powder coating; electrostatically applied and oven cured according to powder manufacturer's specifications. Fasteners are stainless steel to resist corrosion.

TOPS

Expanded metal table tops use 3/4 #9 and the perforated is made of 12 gage sheet metal. The perimeter rings on the tops are 1/8" strip steel. Both top's mounting brackets are made of 1/4 flat bar stock. The support braces are made of 1/8" strip steel, the umbrella collar is 14 gage tubing.

SEATS

The concave seats use 3/4 #9 expanded metal and 12 gage sheet metal for the perforated. The perimeter ring on the seats are 1/8" strip steel. The mounting brackets are 1/4 flat bar stock.

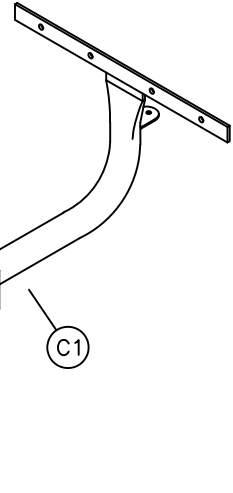
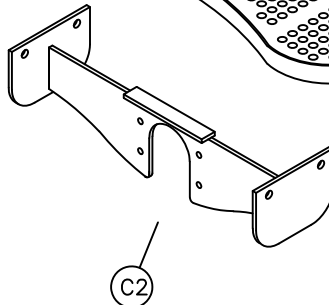
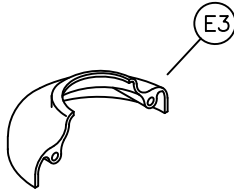
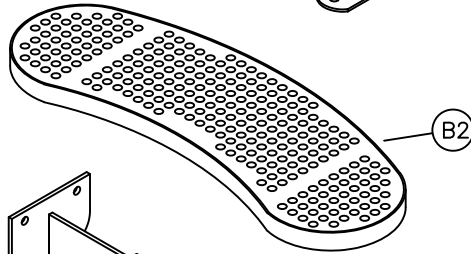
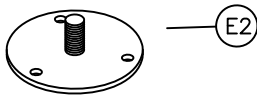
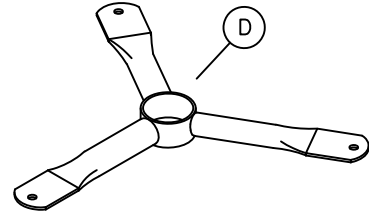
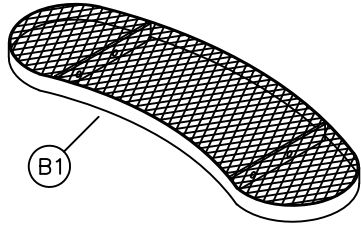
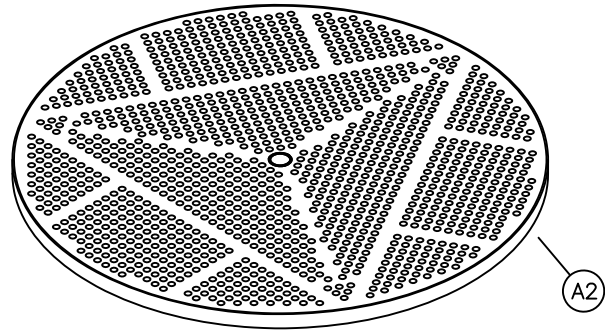
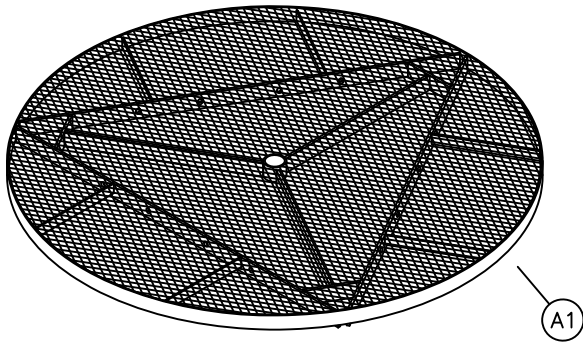
TABLE FRAME

The Spyder legs are made of 12 gage x 2 7/8" od tubing. The brace mounting tab is 1/4" thick plate along with seat assembly mounting plate and female screw-in attachment receiver. The 46" Spyder leg uses a 1/4" flat bar for the mounting bracket and the brace mounting tab is 7 gage plate. The surface mount screw-in attachments are made of steel plate 1/4" x 6" with a 5/8 threaded stud. The inground screw-in attachments are 12 gage x 2 7/8" tubing with a 7 gage insert and 5/8 threaded stud. The Spyder cross brace is of 16 gage x 1 1/4" od tubing with a 12 gage x 2 3/8" od center peice. The mounting plate covers are made of 16 gage spun steel. All tubing is galvanized.

GENERAL

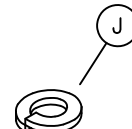
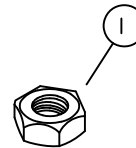
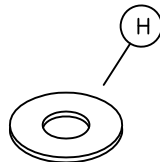
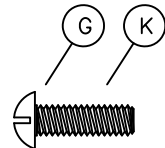
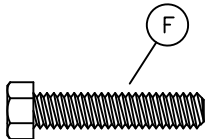
Three legged Spyder ADA table ground space requirements are 76 3/8" diameter. It is 29 3/16" to the top of the table and 19 13/16" to the top of the seats.

parts identification:



ITEM	PART#	DESCRIPTION	QTY
A1	7816	46" EXPANDED METAL SPYDER TOP	1
A2	7979	46" PERFORATED SPYDER TOP	1
B1	7666	EXPANDED METAL CONCAVE SEAT	3
B2	8000	PERFORATED CONCAVE SEAT	3
C1	7206	46" SPYDER LEG	3
C2	7228	SPYDER LEG SEAT ASSEMBLY	3
D	7258	3 LEGGED SPYDER CROSS BRACE	1
E1	7219	INGROUND SCREW IN ATTACHMENT	3
E2	7256	SURFACE MOUNT SCREW IN ATTACHMENT	3
E3	7121	MOUNTING PLATE COVERS (OPTIONAL)	3

hardware identification:



ITEMS INCLUDED IN HARDWARE PACKAGE #:

ITEM	PART#	DESCRIPTION	21088 QTY	21101 QTY
F	17011	5/16-18 x 1 1/2" HEX HEAD BOLT - SS	36	0
G	17088	5/16-18 x 1" TRUSS HEAD MACHINE SCREW - SS	3	0
H	17028	3/8" ID x 7/8" OD WASHER - SS	75	0
I	17032	5/16" HEX FINISH NUT - SS	39	0
J	17050	5/16" SPLIT LOCK WASHER - SS	39	0
K	17052	1/4-20 x 1" MACHINE SCREW - SS	0	2

ASSEMBLY TOOLS REQUIRED

- 1 - REGULAR TIP SCREWDRIVER
- 2 - 1/2" WRENCHES
- 1 - 3' OR 6' LEVEL

assembly procedures:

IMPORTANT: Assemblers should be reasonably skilled in the assembly of commercial grade/heavy duty fabricated steel equipment.

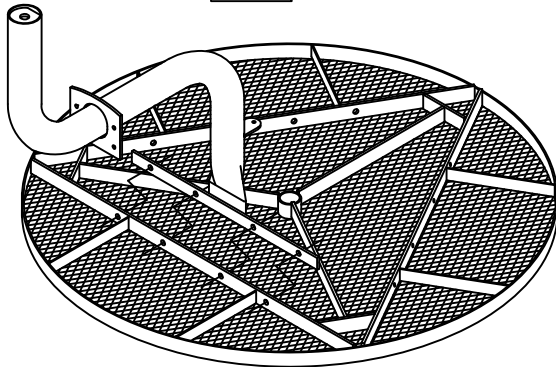
To ensure proper assembly, it is suggested that you take adequate time to locate and identify each part. To prevent scratching of the finished pieces, we recommend this unit to be assembled on a clean, flat, solid, surface with a drop cloth, allowing plenty of working room. Also please read the instructions and study the sketches very carefully. A little extra time spent before assembly will be well worth it in performing a complete, proper assembly. Please note that all parts have been pre-cut and pre-drilled.

During the assembly process leave all bolts and nuts "finger tight", until the entire unit is completely assembled. This allows room for movement to level or adjust all seats, tops, benches, framework and braces if necessary. After final adjustment and leveling, permanently tighten all nuts, bolts and fasteners.

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46" ROUND SPYDER ADA TABLES

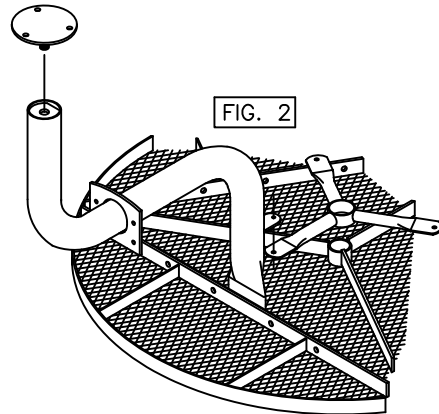
FIG. 1



STEP 1: Invert top (A-) and secure Spyder legs (C1) to the inside of the top's mounting brackets using one (F), (I), (J) and two (H) per (F), see FIG. 1.

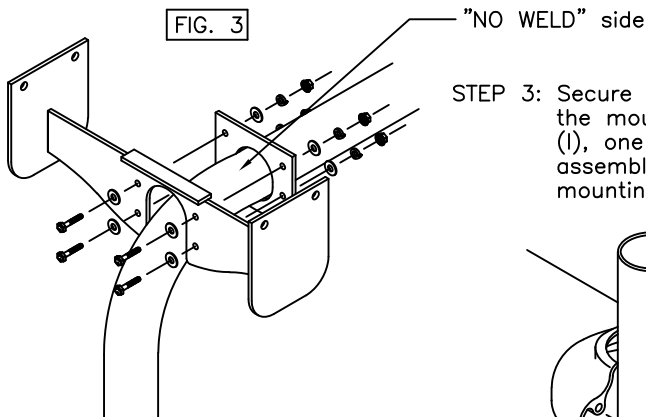
STEP 2: Attach Spyder cross brace (D) to the inverted top side of the mounting tabs using one (G), one (I), and (H). Attach the screw-in attachments (E1 or E2), see FIG. 2. After all parts have been secured carefully rotate the table to its upright position.

FIG. 2



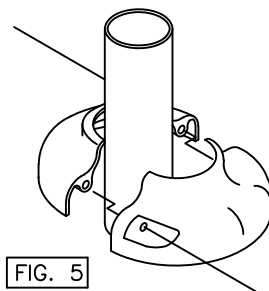
If mounting plate covers (E3) are used, place halves around legs and secure with 2 (K) screws, see FIG. 5. Draw to a snug fit being careful not to over tighten.

FIG. 3



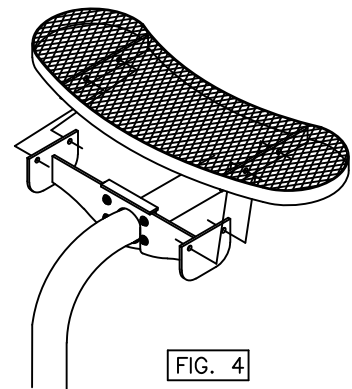
STEP 3: Secure the Spyder leg seat assembly (C2) to the outside of the the mounting bracket on the Spyder leg (C) using one (F), one (I), one (J) and two (H) per (F), see FIG. 3. Be sure seat assembly is assembled to leg with "NO WELD" side against leg mounting plate.

FIG. 5



STEP 4: Place the seat (B-) on the Spyder leg seat assembly (C2) so that the seat's mounting brackets are outside the seat assembly's mounting brackets, see FIG. 4. Secure using one (F), (I), (J) and two (H) per (F). Level all seats and top, and tighten with proper wrenches.

FIG. 4



installation:

WARNING: The proper installation for Wabash Valley products may depend upon many factors unique to the site, location, or use of a particular product. Consult with your contractor or other professional to determine your specific installation requirements.

product dimensions:

