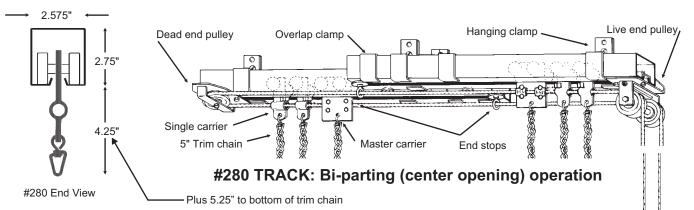
#### www.stage-n-studio.com sales@stage-n-studio.com

# #280 Curtain Tracks



### # 280 Series Tracks:

Heavy duty, galvanized steel or aluminum box track for medium, large, and heavy curtains. Available with black finish. Includes 3/8" dia. curtain cord and 5" trim chains on each carrier. Typically used as a bi-parting (center opening) track with cord operation. May also be used as "one-way" cord operated track for moving leg curtains, scrims, or painted drops on and off stage. Special heavy duty carriers are available for moving scenery along the track. Following catalog numbers are for ordering tracks "complete with all normal accessories" (CWANA). Some tracks have optional or required hardware which is not included in the CWANA price, and all CWANA prices require a minimum track length. CWANA prices are for budget pricing of tracks. Please ask for quote.

Catalog No.	Description CW	ANA Price
280	Bi-parting operation with center overlap, includes #2801 and #2802 carriers\$	39.31/ft.
380	Same as #280, except with black aluminum track and black track parts\$	42.65/ft.
281	Same as #280, but with neoprene-tired ball-bearing carriers #2849 and #2850\$	79.20ft.
381	Same as #281, except with black aluminum track and black track parts\$	81.72/ft.
282	Same as #280, but with nylon-tired ball-bearing carriers #2851 and #2852; 5" dia. end pulleys #2863 and	
	#2864; and 5" dia. floor pulley #2866\$	
382	Same as #282, except with black aluminum track and black track parts\$	5 79.72/ft.
280-A	Same as #280, but with #2801-B metal body carriers (instead of plastic body)\$	41.97/ft.
380-A	Same as #380-A, except with black aluminum track and black track parts\$	6 44.11/ft.
283-N	Same as #282, but with 1/2" dia. rope; 8" dia. end pulleys #2863-A and #2864-A: and 8" dia. floor pulley	
	#2866-A\$	78.04/ft.
383-N	Same as #283-N, except with black aluminum track and black track parts\$	
283-R	Same as #283-N, but with neoprene-tired ball-bearing carriers #2849 and #2850\$	
383-R	Same as #283-R, except with black aluminum track and black track parts\$	97.56/ft. '
284	Single section walk-along track (no cord or pulleys) uses #2801 and #2802 carriers\$	
384	Same as #284, except with black aluminum track and black track parts\$	36.40/ft.
284-N	Same as #284, but with 1/2" dia. rope; 8" dia. end pulleys #2863-A and #2864-A: and 8" dia. floor pulley	
	#2866-A\$	53.77/ft.
384-N	Same as #284-N, except with black aluminum track and black track parts\$	
284-R	Same as #284-N, but with neoprene-tired ball-bearing carriers #2849 and #2850\$	5 71.57/ft.
384-R	Same as #284-R, except with black aluminum track and black track parts\$	69.00/ft.

/ #2865 Tension floor pulley

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#28Multi carrier

Multi-purpose carrier for scenery or lighting rolls along 2800 track channel. Can be used on cord operated track or manual walk-a-long track. 225 lbs. capacity. Use pairs to support hard scenery panels or a short lighting pipe. See catalog pages for scenery carriers and on page 8C of the 280 series tracks.



Example of inverted 1483INV wall bracket with bi-parting 280 track at center overlap. Details of this and other styles of wall brackets are on catalog page 14.

Pull rope to release brake

#28 Rotodraper pivot device rolls along 2800 track to move and rotate leg curtains or light weight scenic elements at sides of stage. Curtain can be up to 8' wide. Requires a pipe batten of 1", 1-1/4", or 1-1/2" size. Shown with rope operated brake pad to hold Rotodraper in position on track. See catalog page for Rotodrapers.

# **#280 Curtain Tracks**

Catalog No. 2800	Description Track channel, 14 ga. galvanized steel, up to	Price
	24' continuous sections. Longer tracks may be assembled using track splices. Size 2-5/8" w by 2-3/4" h, weight 44 oz/ft\$	15.44/ft.
2800BL	Track channel, 14 ga. black finish steel, up to 24' continuous sections. Longer tracks may be assembled using track splices. Size 2-5/8" w by	
2800ABL	2-3/4" h, weight 44 oz/ft\$ Track channel, 12 ga. extruded aluminum with black finish, in lengths up to 24'. Size 2-5/8"	20.30/ft
2801	wide by 2-3/4" high, weight 15 oz/ft\$ Standard carrier, plastic body with ball-bearing	22.10ft
2802	axle, plastic wheels, 5" trim chain\$ Standard master carrier, steel body with ball-bearing axles, 4 plastic wheels, 5" trim	10.78
2803	chains, cord clamps\$ Live end pulley, two 4" dia. nylon ball-bearing pulleys\$	37.81 77.48
2804 2865	Dead end pulley, 4" dia. nylon pulley\$ Floor pulley, spring tension with sleeve bear-	45.57
2807	ing nylon pulley\$ Overlap clamp. 2 required at center of bi-parting track to create overlap of the curtain	56.52
2808	halves\$ Hanging clamp to support track. Recom- mended max. spacing 7 ft Can be used with short length of chain wrapped around a pipe	10.20
2809	batten or with 2815 batten clamp for rigid at- tachment\$ End stop and cord support\$	6.92 6.81
2824	Splice clamp for suspended track. Also used to support track at splice\$	69.96
2824-A	Splice clamp for ceiling surface mounted track . Requires installer to drill and tap threaded holes in sides of track. Includes correct size	
2815	thread tap\$ Batten clamp to rigidly attach track to 1-1/2" size (1.90" OD) schedule 40 steel pipe batten. Requires #2808 track clamp and extra bolt and nut. Also used to suspend pipe batten for cur-	73.17
	tains. Not for use for heavy stage rigging or lighting\$	10.36
2814	Same as 2815 but for use with 1-1/4" size (1.66" OD) pipe\$	9.73
2816	Same as 1815 but for use with 2" size (2.37" OD) pipe\$	12.47
CPS-1	Center pipe support is used at the center of a bi-parting track at the center overlap to support a track from a pipe batten. Adjacent batten clamps with hanging clamps must be at least 6 feet to either side of center support. Does not include required batten clamps or overlap	
2808ID	clamps\$ Idler pulley attached to 2808 hanging clamp 2808 to help prevent return cord outside the	13.73
2849	track from sagging below track into audience view\$ Carrier, neoprene tired, metal body, ball-bear-	39.17
2850	ing wheels	48.96
2851	ball-bearing wheels, and 5" trim chain\$ Carrier, metal body with nylon-tired ball-bear-	106.63
2852	ing wheels, and 5" trim chain\$ Master, metal body with 4 nylon-tired ball-bear- ing wheels, and 5" trim chain\$	32.36 81.20
	mg wireers, and 5 tilli Gialit₽	01.20







**8**A



#2865





#2804

#2808



#2807

#2809









#2824

Inverted 2815 with 2808

to hang track from batten



2814, 2815, 2816 shown upright to suspend batten pipe







#2851



CPS-1





#2849



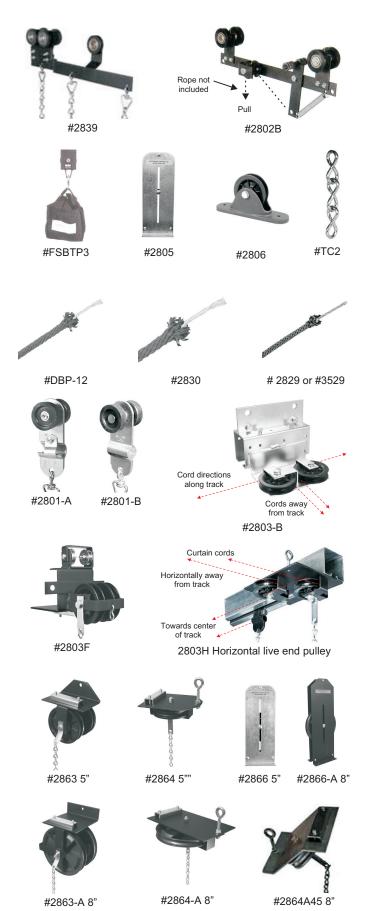
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28Feb2017

18Jan2017

## #280 Curtain Tracks

Catalog No.	Description	Price
2839	Overlapping master carrier has an extended arm, supported by a 5th wheel, to attach the leading edge of curtain. Steel body with four ny- lon tired ball-bearing wheels. Used on single	
	section tracks (no track overlap) with center	
20020	opening (bi-parting) curtains. Two required per track. Includes 5" trim chains\$	241.43
2802B	Extended master carrier with spring loaded brake. For walk-a-long tracks only. Brake re- leases by pulling down on cord (not included)	
	while moving carrier along track. Also avail. as 4 ft. wide version. Yes 4 feet wide. POR \$	332.97
FSBTP3	Floating sandbag tension pulley. Black nylon fabric bag with Velcro sealed top holds up to 10 lbs sand has 3" dia. pulley attached with steel	
	gated hook. Use with curtain tracks that fly\$	123.48
FSBTP5 FSBTP8	Same as FSBTP5, but with 5" dia. pulley\$ Same as FSBTP5, but with 8" dia. pulley\$	225.97
2805	Floor pulley, adjustable with sleeve baring ny- lon pulley\$	64.56
2806 TC2	Floor pulley, non adjustable\$	57.48
162	Trim chain, 5 links. Included with all of the 280 series carriers. Used to extend existing trim	
	chains or replace missing chains. Links provide approx. $\frac{1}{2}$ height adjustment increments\$	1.30
TC2BL	Trim chain with, 5 links, black finish \$	1.54
TCATTCH	Factory attach trim chain to carrier or end pulleys\$	.75
DBP-12	Curtain cord 3/8" dia. black double braided polyester. Equal to ADC#2828\$	1.47/ft
2830	Curtain cord 1/2" dia. black for use with #283-N	
2829	and 283-R tracks\$ Wire center cord ¼" dia. has glazed woven cot-	2.10/ft
	ton cover. For use with machine operated tracks which have 1/4" grooves on the cable	
3529	drum\$ Wire center cord 3/16" dia. has woven polyes-	1.21/ft
5525	ter cover. For use with machine operated	
	tracks which have 3/16" grooves on the cable drum\$	.93/ft
2801-A	Special carrier for replacement of broken carriers or for inserting additional carriers on a track	
	without removing and re-threading the track	
2801-B	cord. Metal body has removable cord keeper. \$ Carrier, steel body with ball-bearing axle, plas-	28.38
2803-B	tic wheels, 5" trim chain\$ Center take-off pulley, two 4" dia. ball-bearing	13.95
	pulleys\$	286.60
2803-F	Flying live end pulley, with two 4" dia. nylon ball-bearing pulleys and two 1" dia steel	
2803-H	ball-bearing mule pulleys\$ Horizontal live end pulley used instead of 2803	308.81
2003-11	live end to route curtain cords horizontally up or	
	down stage from end of track, instead of di- rectly down to the floor. Includes 5" trim chain\$	119.38
2863	Live end pulley, two 5" dia. nylon ball-bearing	
2863-A	pulleys\$ Live end pulley, two 8" dia. nylon bb pulleys\$	254.41
2864	Dead end pulley, 5" dia. nylon bb pulley \$	146.58
2864-A 2866	Dead end pulley, 8" dia. nylon bb pulley\$ Adjustable floor pulley, 5" dia. nylon bb pulley \$	168.58
2866-A	Adjustable floor pulley, 5 dia. nylon bb pulley \$ Adjustable floor pulley, 8" dia. nylon bb pulley \$	
2864-A45	Slanted dead end pulley used when track sys-	
	tem needs to fit in narrow ceiling pocket or 2 track systems are placed closely side-by-side.	
	Has 8" dia ball bearing pulley at 45 deg angle. Clamps to end of track, but extended frame	
	must be supported by overhead structure. See	
	cad drawing for details and dimensions\$	193.86



**8B** 

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## #280 Curtain Tracks

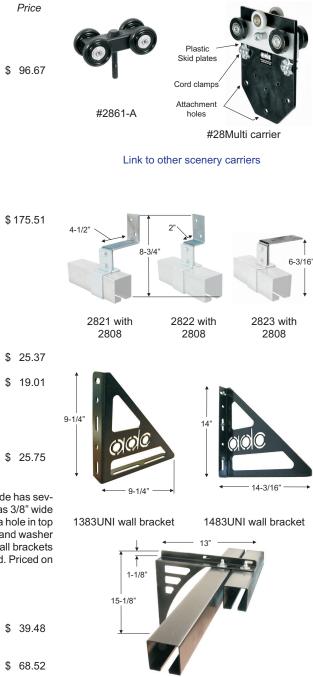
Description	1
Basic scenery carrier has 4 nylon tired ball-bearing wheels on solid steel body and 3/8" dia. threaded bolt to attach scenery. Bolt is welded in place so it will not turn. On request can be furnished with loose bolt. Capacity is 150 pounds.	\$
Heavy duty carrier for scenery or lighting fits 2800 or 2800A track. A pair of these could be used to move hard scenic flats or a short lighting pipe along a track. Fabricated of 1/4" steel plate 6" wide with 4 nylon tired bb wheels and 2 extra wheels at top to prevent tipping, cord clamps, and lubricated plastic skid plates to reduce noise when moving. There are three 3/8" dia. holes for attaching equipment - one center bottom, and two at sides. Can be used on cord operated track or manual walk-along-track. Capacity is 225 lbs Track must be well supported to handle load. Not intended for supporting or flying people. Available with a 4" square electrical J box bolted to one side for a lighting cable. Use individual carriers to	\$ 1
Pocket mounting bracket for 2800 track. Steel offset bracket to at- tach track to one side of a recessed ceiling pocket. Center of track is approx. 4-1/2" from wall. Height from top of bracket to bottom of track is approx. 8-3/4". Requires #2808 hanging clamp and a set of bolt, nut, and lockwasher, not included. If track is bi-parting with overlap of tracks at center, then one half of track will use 2821 brackets and other half of track uses 2822 brackets to maintain tracks parallel to wall. These are only used if track is installed in- side a ceiling pocket and the curtain top is below the ceiling. Can not be used for wall mounted tracks, as there is no room to allow the curtain to pass without rubbing heavily along the wall	\$
Short pocket mounting bracket. Center of track is approx. 2" from wall. See description above	\$
Ceiling bracket to attach track to a horizontal structural surface. Height from ceiling to bottom of track is approx. 6-3/16". Easier to use than drilling thru top of track to insert bolt or screw thru the ceil- ing. The ceiling brackets can be installed first, then the track lifted up into place. Requires 2808 hanging clamp and some bolts, nuts, lock washers (not included)	\$
	Basic scenery carrier has 4 nylon tired ball-bearing wheels on solid steel body and 3/8" dia. threaded bolt to attach scenery. Bolt is welded in place so it will not turn. On request can be furnished with loose bolt. Capacity is 150 pounds

### Wall Brackets:

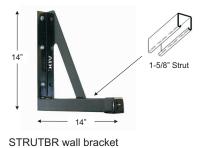
Wall brackets are fabricated from 1/8" steel with a black powder coat finish. Wall side has several slots for attaching to wall using suitable hardware (not included). Track side has 3/8" wide slots for attaching one or two tracks. The 280 series tracks are attached by drilling a hole in top of track (by installer) and bolting thru a slot in the wall bracket. One set of bolt, nut, and washer are included with wall bracket. Must specify for 280 series track when ordering. Wall brackets can have custom logo cut into the wall of the bracket where the ADC logo is located. Priced on request.

1383UNI	Wall bracket 9-1/4" high by 9-1/4" deep. Two slots on bottom to at- tach track. Useful for single 280 series track at 6" to 8-1/2" from wall, or a bi-parting center overlap 280 series track at 7-1/2" from wall.	\$ 39.48
1483UNI	Wall bracket 14" high by 14-3/16" deep. Two slots on bottom to at- tach track. Useful for single 280 series track 6" to 13" from wall, or bi-parting 280 series tracks at 8" or 10" to 12"	\$ 68.52
1483INV	Inverted wall bracket 15-1/8" high by 13" wide. Wall side points down behind track. Top side has 13" arm 1" high to attach track. Requires 1-1/8" of space above track. Side of arm has slots at 6-1/2" and 12", which can be used to provide additional support of bracket from above, if desired. Useful for single 280 series track at 10" or 12", or a bi-parting 280 series track at 10" from the wall	
STRUTBR	Wall bracket is 14" high by 14" wide. Bottom is of 1-5/8" metal strut with continuous slot at bottom to attach track. Includes plastic end cap and strut nut with bolt. Track can be located up to 13" from wall (end cap may need to be removed). 280 track is attached to bracket by drilling hole in top of track channel, and attaching to a strut nut inside the strut. Different hardware is included with other tracks. Specify track to be used so correct size strut nut and bolt	
	can be supplied by factory. Black finish	\$ 76.39

Link to catalog page 14 with more wall bracket choices



Example of inverted 1483INV wall bracket with bi-parting 280 track at center overlap



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**8C** 

### #280 Curtain Tracks

### **Missing Parts:**

19Jan2017

Some of the 280 series tracks have rubber grommets or molded plastic "bumpers" between or on the carriers to reduce noise when the carriers bump into each other when moving along the track. If the curtain cord breaks or is replaced due to wear, the rubber grommets often fall and become lost. Grommets are also used on cord between backpack guides (see below) and carriers. Here you can find replacements.

2825	Replacement rubber clip-on bumper for 2801 and 1701-P carrier bodies.	\$ .19
2826	Rubber spacer 1/8" thick is installed on curtain cord between car-	
	rier and back-pack guides for quieter operation.	\$ .26
2827	Rubber spacer 7/16" thick is installed on curtain cord between back-pack guide and next carrier. Also used on tracks between	
	metal body carriers that do not have rubber bumpers	\$ .36
2827-A	Rubber spacer with larger 5/8' dia. hole for use on tracks having	
	1⁄2" dia. curtain cord	\$ .46
2827	rier and back-pack guides for quieter operation Rubber spacer 7/16" thick is installed on curtain cord between back-pack guide and next carrier. Also used on tracks between metal body carriers that do not have rubber bumpers Rubber spacer with larger 5/8' dia. hole for use on tracks having	

### Back-Pack Guides (Rear-fold Guides):

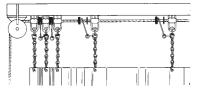
Are used to force a curtain to gather at the off-stage ends of curtain tracks, instead of the normal method where the curtain first gathers from the center as the master carrier pushes the curtain along the track. With back-pack guides installed, the curtain appears to slide out of sight. Principal use is for curtains which must pass thru a slot in a wall to store in a wall pocket. Also may be used with painted backdrops to create a sliding mural effect. *Back-pack guides considerably increase the initial effort required to open the curtain, because the full weight of the curtain must initially be moved*. This is not a problem on machine operated tracks. Also known as "rear-fold guides". Back-packs are installed on side of carrier towards end pulleys, and are not used on masters or between the last carrier and the end pulley.

2833	Back-pack guide for hand operated #280 tracks with 3/8" dia.	
	cord. Includes 2 rubber spacer grommets	\$ 5.82
2833-A	Back-pack guide for hand operated #283 tracks with 1/2" dia.	
	cord. Includes 2 rubber spacer grommets	\$ 8.52
2834	Back-pack guide for machine operated #280 tracks with 3/16" dia.	
	wire center cord. Includes 2 rubber spacer grommets	\$ 5.84





**8**D



Back-Pack Guides installed



2801 carrier with 2833