

MODEL 297S

2-9/16" DIA. X 7 GA. STEEL GRAVITY ROLLER CONVEYOR

24 HOUR SHIPMENTS INCLUDE ALL 1-FOOT INCREMENTS 1'-0" TO 10'-0" ON STRAIGHT SECTIONS



Double roller design



Single roller design



SET LOW



SET HIGH

STRAIGHT SECTION MODEL NUMBER

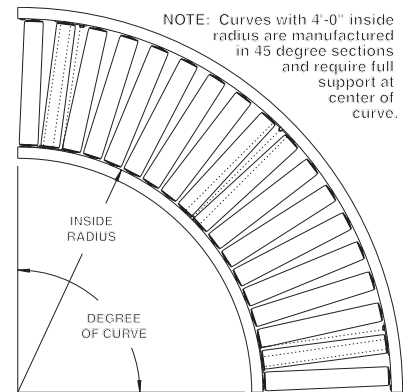
297S-45-6-L-6

297S-(between frames)-(roller centers)-
(set high or low)-(length)

CURVED SECTION MODEL NUMBER

297SC-39-H-90

297SC-(between frames)-(set high or low)-(degree)



SPECIFICATIONS

ROLLERS: 2-9/16" x 7 ga. steel tubing, model 297S, with straight ends, reamed to provide smooth bearing seats.

ROLLER CAPACITY: 540 lbs. per roller.

AXLES: 11/16" hex shaft, spring loaded.

BEARINGS: Removable type, heavy duty ball bearings, zinc plated, grease packed.

FRAMES: 4" at 5.4 lbs. structural steel painted channel.

COUPLINGS: Butt type.

FRAME CAPACITY: 3750 lbs. maximum distributed live load per 10' section with supports at 10' centers; 8000 lbs. at 5' centers.

STRAIGHT SECTIONS

NOMINAL ROLLER LENGTH	BETWEEN FRAMES	3" RC 10'	3" RC 5'	4.5" RC 10'	4.5" RC 5'	6" RC 10'	6" RC 5'	9" RC 10'	9" RC 5'	12" RC 10'	12" RC 5'
12"	13"	425	216	349	178	272	140	228	118	196	101
14"	15"	467	238	381	194	294	151	244	126	207	108
16"	17"	509	259	413	211	316	162	259	134	219	114
18"	19"	551	281	444	227	338	174	275	142	231	120
20"	21"	593	302	476	244	360	185	291	151	243	127
22"	23"	635	323	508	260	381	197	308	160	254	133
24"	25"	677	345	540	276	403	208	323	168	266	139
26"	27"	719	366	572	293	425	219	338	175	278	146
30"	31"	803	409	636	325	469	242	370	193	302	158
32"	33"	845	430	668	342	490	253	385	201	313	165
36"	37"	929	473	731	375	534	276	418	218	337	177
38"	39"	971	495	763	391	556	287	432	225	349	184
42"	43"	1055	538	827	424	600	310	463	242	373	197
44"	45"	1097	560	859	441	622	321	479	250	385	204
46"	47"	1139	581	890	457	643	332	495	258	396	210
50"	51"	1223	624	954	489	687	355	526	274	420	222

CURVED SECTIONS

CURVE INSIDE RADIUS	CURVE ROLLER DESIGN	90° ROLLERS PER CURVE	90° WEIGHT LBS.	45° ROLLERS PER CURVE	45° WEIGHT LBS.
2'-8-1/2"	SINGLE	18	190	11	96
2'-8-1/2"	SINGLE	18	209	11	106
2'-8-1/2"	SINGLE	18	229	11	116
2'-8-1/2"	SINGLE	18	248	11	125
2'-8-1/2"	SINGLE	18	267	11	134
2'-8-1/2"	SINGLE	18	286	21	144
2'-8-1/2"	SINGLE	18	306	21	154
2'-8-1/2"	SINGLE	18	325	21	164
4'-0"	DOUBLE	40	443	20	242
4'-0"	DOUBLE	40	484	20	263
4'-0"	DOUBLE	40	528	20	287
4'-0"	DOUBLE	40	550	20	299
4'-0"	DOUBLE	40	604	20	328
4'-0"	DOUBLE	40	626	20	342
4'-0"	DOUBLE	40	657	20	356
4'-0"	DOUBLE	40	711	20	385

WARNING

To prevent pinch points that exist when gravity conveyors are permanently attached to power conveyors, use connector brackets with safety pop-out rollers shown on pg. 100.



■ 24 hour shipment