

MANUAL GATE

Manual Gates are available for use with a variety of conveyors. Gates provide a passageway for personnel, lift trucks, and other equipment.

- Skatewheel & 1 3/8 in. Roller
- 4 widths (12 in. to 24 in. OAW)*
- 3 ft., 4 ft., & 5 ft. lengths*
- Steel or aluminum, skatewheels or rollers
- 2 1/2 in. x 1 in. channels—12 ga. galvanized steel or .125 in. aluminum
- Safety gate latch
- 1.9 in. & 2.0 in. Roller
- 12 widths (13 in. to 39 in. BR)*
- 3 ft., 4 ft., & 5 ft. lengths.*
- 1.9 in. galv., unplated or aluminum, or 2.0 in. unplated rollers
- 10 ga. powder painted steel channels 3 1/2 in. x 1 1/2 in. (set high) or 4 1/2 in. x 1 1/2 in. (set low)
- Safety gate latch

*NOTE: Maximum width and length determined by roller centers and type of roller. Inquire.



Photo shown is Manual Gate for 1 3/8 in. dia. roller conveyor.

GRAVITY DIE SPRING BALANCED GATE ASSEMBLY

Spring Balanced Gates can be used with several types of gravity wheel and roller conveyor. Gates provide a passageway for personnel, lift trucks, and other equipment. Tension springs are easily adjusted to provide minimum weight lift.

3SW-SBG GRAVITY DIE SPRING GATE ASSEMBLY

SIZE TO ORDER	Between Rail Width			
	10"	13"	16"	22"
	Overall Frame Width			
5'	87	92	97	108
4'	80	84	88	97

- Painted Steel Frame (3SW-SBG) or Aluminum Frame (3AW-SBG)
- 16 Wheels Per Foot On 12" OAW
- 16 Wheels Per Foot On 15" OAW
- 20 Wheels Per Foot On 18" OAW
- 28 Wheels Per Foot On 22" OAW

3AW-SBG GRAVITY DIE SPRING GATE ASSEMBLY

SIZE TO ORDER	Between Rail Width			
	10"	13"	16"	22"
	Overall Frame Width			
5'	67	72	77	88
4'	64	68	72	81

- Hinge Mechanism With Die Springs and Gravity Section
- Latch Mechanism
- Lift Handles On Both Sides
- Less Floor Supports

SSR-SBG GRAVITY DIE SPRING GATE ASSEMBLY

3" Roller Centers

SIZE TO ORDER	Between Rail Width			
	10"	13"	16"	22"
	Overall Frame Width			
5'	87	92	97	108
4'	80	84	88	97

SAR-SBG GRAVITY DIE SPRING GATE ASSEMBLY

3" Roller Centers

SIZE TO ORDER	Between Rail Width			
	10"	13"	16"	22"
	Overall Frame Width			
5'	67	72	77	88
4'	64	68	72	81

SSR-SBG GRAVITY DIE SPRING GATE ASSEMBLY

1 1/2" Roller Centers

SIZE TO ORDER	Between Rail Width			
	10"	13"	16"	22"
	Overall Frame Width			
5'	105	112	122	141
4'	94	100	108	123

- Painted Steel Frame
- 1 3/8" dia. Galvanized Rollers on 1 1/2" or 3" centers
- Hinge Mechanism With Die Springs and Gravity Section
- Latch Mechanism
- Lift Handles On Both Sides
- Less Floor Supports

SAR-SBG GRAVITY DIE SPRING GATE ASSEMBLY

1 1/2" Roller Centers

SIZE TO ORDER	Between Rail Width			
	10"	13"	16"	22"
	Overall Frame Width			
5'	79	83	88	98
4'	74	77	81	89

- Less Floor Supports
- Aluminum Frame
- 1 3/8" dia. Aluminum Rollers on 1 1/2" or 3" centers
- Hinge Mechanism With Die Springs and Gravity Section
- Latch Mechanism
- Lift Handles On Both Sides



Photo shown is Spring Balanced Gate for 1 3/8 in. dia. roller conveyor.



GATES

GRAVITY DIE SPRING BALANCED GATE ASSEMBLY

Spring Balanced Gates can be used with several types of gravity wheel and roller conveyor. Gates provide a passageway for personnel, lift trucks, and other equipment. Tension springs are easily adjusted to provide minimum weight lift.

19GSR-SBG GRAVITY DIE SPRING GATE ASSEMBLY 3" Roller Centers

SIZE TO ORDER	Between Rail Width											
	13"	15"	17"	19"	21"	23"	25"	27"	31"	33"	37"	39"
	Overall Frame Width											
5'	133	139	147	158	161	168	176	183	196	204	214	223
4'	117	122	128	134	139	145	150	156	166	173	181	188

19GSR-SBG GRAVITY DIE SPRING GATE ASSEMBLY 2" Roller Centers

SIZE TO ORDER	Between Rail Width											
	13"	15"	17"	19"	21"	23"	25"	27"	31"	33"	37"	39"
	Overall Frame Width											
5'	166	176	186	196	206	216	226	236	256	266	286	296
4'	140	150	159	166	175	185	191	199	215	223	239	247

- Painted Steel Frame
- 1.9" dia. Galvanized Rollers on 2" or 3" centers
- Hinge Mechanism With Die Springs and Gravity Section
- Latch Mechanism
- Lift Handles On Both Sides
- Less Floor Supports



Photo shown is Spring Balanced Gate for 1.9 in. dia. roller conveyor.

190-E24G - POWERED GATE WITH DIE SPRINGS

- 1.9" Dia. x 16 Ga. Galvanized O-Ring-Slaved Rollers in a 6 1/2" x 12 Ga. Channel Frame
- (2) 24 Volt DC Motors with Control Cards on 4' and 5' Gate or (1) 24 Volt DC Motor with Control Card on 3' Gate
- Power Supply - 27 VDC 4 AMP (Requires 120 VAC or 230 VAC Single Phase Input Voltage)
- Non-Reversing
- Hinge Mechanism with Die Springs
- 65 FPM Constant Conveying Speed
- Less Floor Supports



SIZE TO ORDER Overall Length "A"	Between Rail Width											
	13"	15"	17"	19"	21"	23"	25"	27"	31"	33"	37"	39"
	Overall Frame Width											
5'	109	117	125	133	141	149	157	165	181	189	205	213
4'	83	91	99	107	115	123	131	139	155	163	179	187
3'	57	65	73	81	89	97	105	113	127	151	153	161



IMPORTANT NOTES

- WHEN ORDERING: Please specify section to which Gate Hinge Assembly will be attached.
- NOTE: Gate is ONE DIRECTION ONLY. Contact factory for Reversing Application.
- 3 ft. OAL Gates with 2 in. roller centers require TWO motors.
- 4 ft. and 5 ft. OAL Gates with 2 in. roller centers require THREE motors.

• OPTIONAL EQUIPMENT

24 volt 5amp 460 volt Input Power Supply