

GAMCO ADJUSTABLE JOIST HANGER

The Gamco Adjustable Joist Hanger is an effective method of decking elevated concrete slabs such as bridge decks, box-culvert tops and cistern caps.



Elevations of joists are easily adjusted with the screw-jack, and the use of a string line and gage.

ADJUSTABLE JOIST HANGER BENEFITS

- One joist hanger does the work of a cast-in hanger, coil bolt, plate washer and two nuts.
- Screwjack allows for easy elevation adjustment.
- Eliminates time consuming traditional shoring.
- Brackets are fully reuseable, all lumber and decking material is recovered.



Joists are set to the proper spacing and elevation. 3/4" plywood decking is ready to be installed.



Plywood decking is set, haunch boards are ripped and set. Deck is complete and ready for rebar installation.

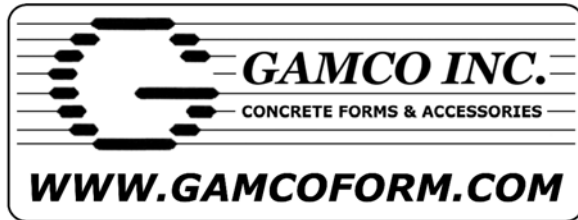
DETAILS AND SPECIFICATIONS

- 10 gauge steel construction, zinc plated.
- High strength hanging lip with draft for easy stripping.
- Accepts 2x6 through 2x12 joists with 9-1/2" of adjustment.
- 3500 lb capacity at 3:1 factor of safety.
- Screwjack quickly slides in and out of enclosed pocket.
- System consists of only 2 components.

RENTAL OR PURCHASE AVAILABLE



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Gamco Adjustable Joist Hanger Load Table

24" Joist Spacing		Max. Safe Joist Span (in.)							
SLAB THICKNESS	BEAM LOAD PLF	2x6		2x8		2x10		2x12	
		SFP	S. PINE	SFP	S. PINE	SFP	S. PINE	SFP	S. PINE
4	200	65	72	81	93	97	111	115	130
5	225	61	68	77	88	92	105	109	123
6	250	58	65	73	83	87	100	103	117
7	275	55	62	69	80	83	95	98	111
8	300	53	59	66	76	80	91	94	107
9	325	51	57	64	73	76	87	90	102

19.2" Joist Spacing		Max. Safe Joist Span (in.)							
SLAB THICKNESS	BEAM LOAD PLF	2x6		2x8		2x10		2x12	
		SFP	S. PINE	SFP	S. PINE	SFP	S. PINE	SFP	S. PINE
4	160	72	81	91	104	109	123	129	142
5	180	68	76	86	98	103	118	122	138
6	200	65	72	81	93	97	111	115	130
7	220	62	69	78	89	93	106	110	124
8	240	59	66	74	85	89	102	105	119
9	260	57	63	71	82	85	98	101	114
10	280	55	61	69	79	82	94	97	110
12	320	51	57	64	74	77	88	91	103
14	360	48	54	61	70	73	83	86	97
16	400	46	51	58	66	69	79	82	92
18	440	44	49	55	63	66	75	78	88

16" Joist Spacing		Max. Safe Joist Span (in.)							
SLAB THICKNESS	BEAM LOAD PLF	2x6		2x8		2x10		2x12	
		SFP	S. PINE	SFP	S. PINE	SFP	S. PINE	SFP	S. PINE
4	133	79	86	100	107	120	129	141	149
5	150	75	83	94	104	113	125	133	145
6	167	71	79	89	101	107	122	126	141
7	183	68	76	85	98	102	117	121	136
8	200	65	72	81	93	97	111	115	130
9	217	62	69	78	90	94	107	111	125
10	233	60	67	75	86	90	103	107	121
12	267	56	63	70	81	84	96	100	113
14	300	53	59	66	76	80	91	94	107
16	333	50	56	63	72	76	86	89	101
18	367	48	53	60	69	72	82	85	96
20	400	46	51	58	66	69	79	82	92
22	433	44	49	55	63	67	76	78	89
24	467	42	47	53	61	64	73	75	85

Notes:

1. Maximum slab thickness per joist spacing is based on 3/4"

Class 1 Plyform with face grain perpendicular to joists.

2. Joist spans are governed by bending, deflection, and shear.

Maximum deflection is 1/360, not to exceed 1/4".