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Mezzanines
Increase Floor Space

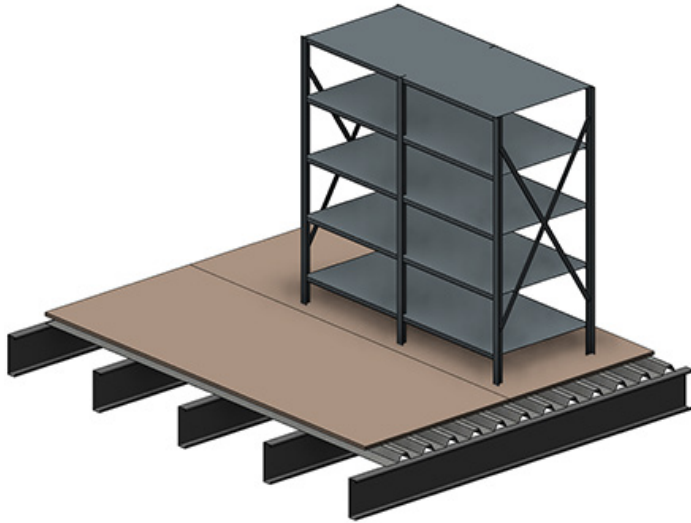
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POINT LOAD

POINT LOAD

Description

Many factors contribute to the loads that affect the capacity requirements of your mezzanine. It is important to take these loads into consideration when approaching the mezzanine design.



w.w.Cannon, Inc.

Design. Layout. Build. Install.

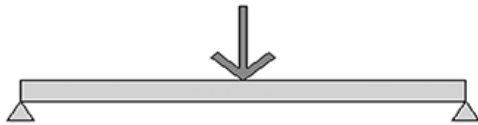
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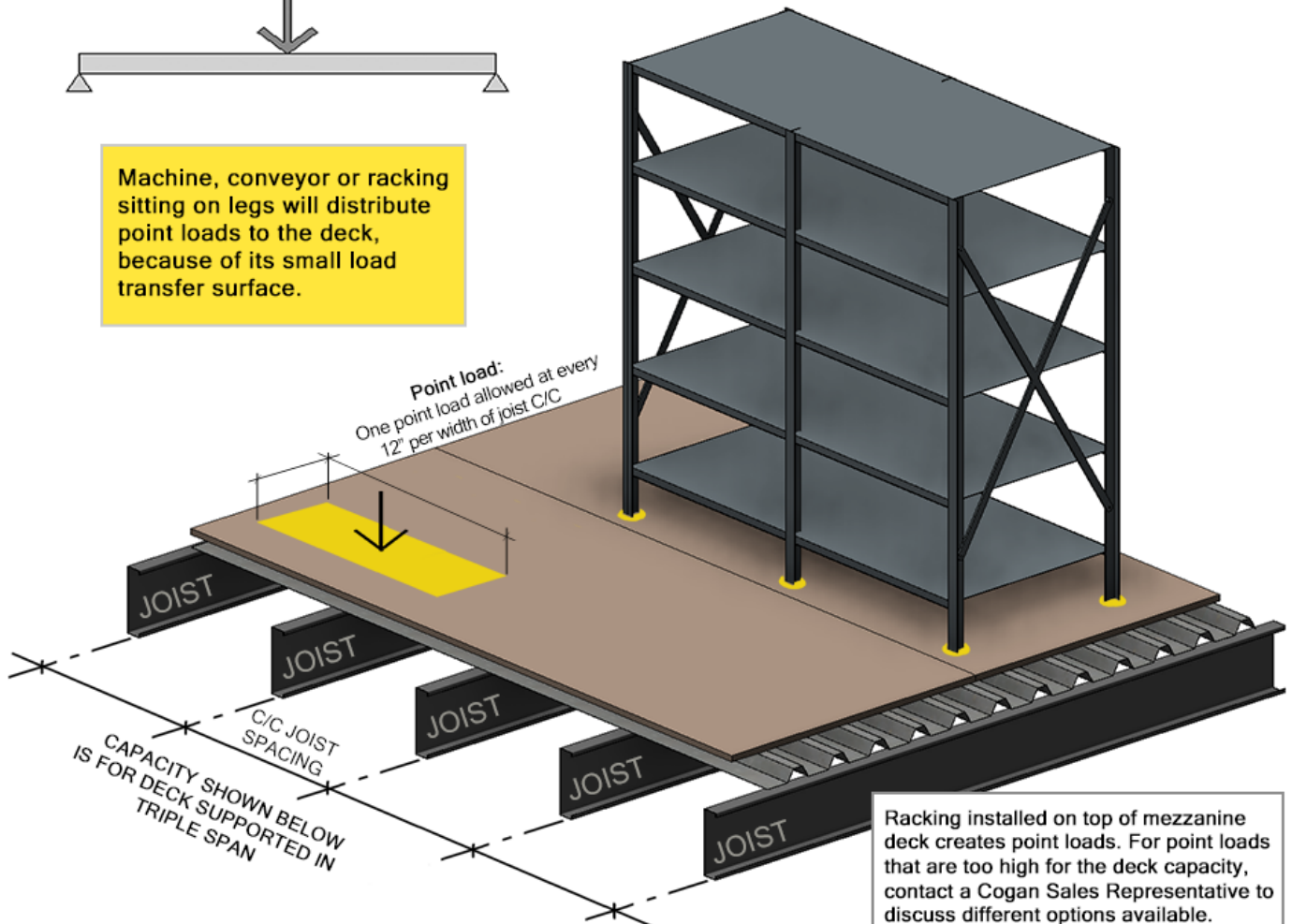
LOAD INFORMATION

POINT LOAD (PL)

PLEASE CONTACT COGAN FOR FURTHER POINT LOAD OPTIONS AVAILABILITY.



Machine, conveyor or racking sitting on legs will distribute point loads to the deck, because of its small load transfer surface.



Point load:
One point load allowed at every
12" per width of joist C/C

CAPACITY SHOWN BELOW
IS FOR DECK SUPPORTED IN
TRIPLE SPAN

Racking installed on top of mezzanine deck creates point loads. For point loads that are too high for the deck capacity, contact a Cogan Sales Representative to discuss different options available.



LOAD INFORMATION

TABLE BELOW SHOWS THE MAXIMUM CAPACITY APPROVED WHEN THE DECK IS USED IN A TRIPLE SPAN.

C/C Joist Spacing (inch)	24	26	28	30	32	34	36	38	40	42	44	46	48	
Decking Gauge & Overlay	22ga + Resin Board	740	740	680	640	600	560	530	500	480	450	430	410	400
	20ga + Resin Board	970	890	830	770	730	680	640	610	580	550	530	500	480
	18ga + Resin Board	1300	1200	1100	1000	940	880	840	800	760	720	690	TBD	TBD
	Bar Grating (1/8" x 1")	630	580	540	500	460	440	420	390	375	350	300	275	260
	OSP 18ga	PLEASE CONTACT COGAN FOR OSP AND DIAMOND PLANKING CAPACITIES												
Diamond Planking														

EXAMPLE OF POINT LOADS

