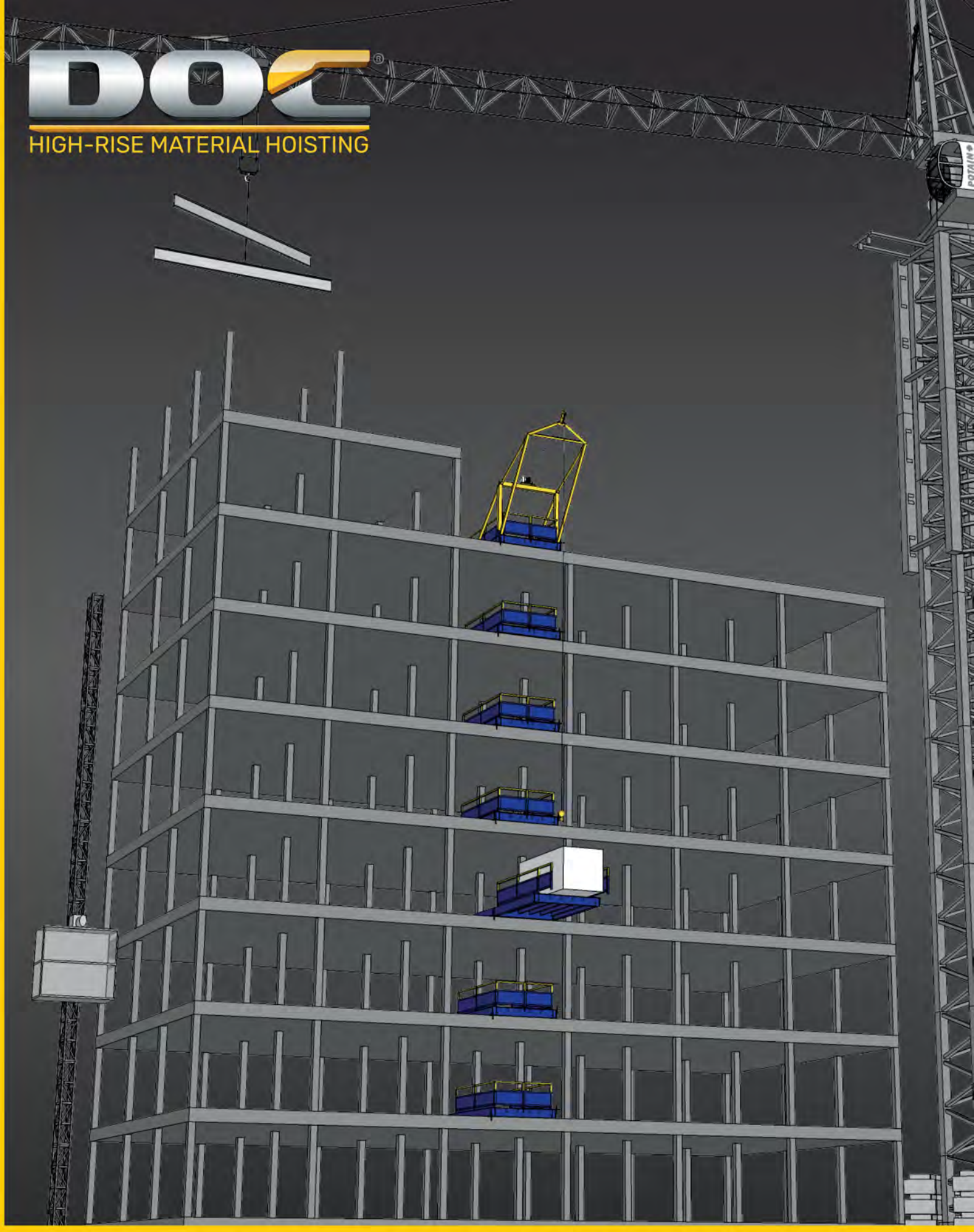
DOKA®

HIGH-RISE MATERIAL HOISTING



4-Ton High-Rise Material Hoisting System

Move More With DOC®

DOC® provides innovative material handling solutions that make high-rise logistics fast, safe, and easy. Our compact and versatile hoisting system can be installed quickly and easily on any high-rise construction project, providing hoist access to any floor of a building.

Adding a DOC Material Hoist to your project streamlines the process of moving building materials and equipment from truck to floor, relieving costly burdens on the tower crane and elevator. When located above the street, the DOC Hoist can be used to unload shipping containers directly from the truck, boosting job site productivity exponentially.

The DOC Material Hoist is capable of lifting larger and heavier loads than a construction elevator with half the labor, opening the doors to cost-effective installation and material alternatives. Contractors are able to hoist full 12ft sheets of drywall or lengths of pipe directly to floors without slowing down the elevator or tower crane.

Steel and reinforced concrete structures may be fitted with one or more DOC Retractable Loading Decks beneath the Hoist for complete hoisting access to floors. Buildings with limited access or wood-frame construction can benefit from a DOC Hoist and Material Basket combination, allowing material to be delivered through practically any exterior opening.

Contractors using DOC Material Hoisting systems are able to stay on top of demands and timelines, while making the job site safer and more productive.

"The subcontractors were all very hesitant at first, but once they started to use the DOC system they realized how much time it saved them waiting for the tower crane hook time or waiting in line for the manlift." - Brenda Alexander, Hoffman Construction

- Increases Safety
- Reduces Overtime Labor
- Eliminates Supply Bottlenecks
- Easy Remote Operation
- Boosts Job Site Productivity
- Supports Lean Construction
- Simple Installation

"After using the hoist, our mechanical subcontractor came back to me and said: 'The DOC is awesome.' It cuts time off of the strained use of tower crane and construction elevators and it allows for quick bulk deliveries to get in and out of the building." –Phil Dobbin, Hoffman Construction

DOC Material Hoist and Deck moves re-shoring and mechanical equipment in San Francisco, CA.

Increase Job Site Safety

Using a DOC Material Hoisting system eliminates a number of hazardous working conditions on a high-rise contstruction site. By moving materials with a dedicated material hoist, there are fewer opportunities for people to mix with materials in an elevator, a leading cause of injury on job sites. And in situations where an elevator is not available, using a DOC Hoist and Basket combination to move materials is much faster and safer than hand-carrying materials up stairs.

Reduce Overtime Labor

When contractors use DOC to move materials instead of the elevator, it's possible to move more than twice the amount of material in half the time, with half the labor. With these types of efficiency and productivity gains, crews don't need to work overtime to keep up with material demands.

This DOC Hoist and Material Basket combination saves laborers countless flights of stairs when elevators are not available.

Eliminate Supply Bottlenecks

No more waiting on materials. When installers have all of the material they need, when they need it, workforce productivity shifts into high-gear leading to shorter timelines and lucrative early-completion bonuses.

Easy Remote Operation

Since hoists do not move loads horizontally, operators do not need crane certification in order to operate the DOC Hoist. We've added many innovative design features to make operating and working around DOC equipment safe, intuitive, and comfortable for everyone.

Boost Job Site Productivity

Even more opportunities for cost savings arise when the job site is functioning smoothly. With elevators moving people efficiently, wait time is drastically reduced. And by keeping the tower crane on-task building the structure, DOC helps keep your project running like a well-oiled machine.

DOC
HIGH-RISE MATERIAL HOISTING

For Patent information visit
www.dochoist.com

www.dochoist.com

(360) 359-7147

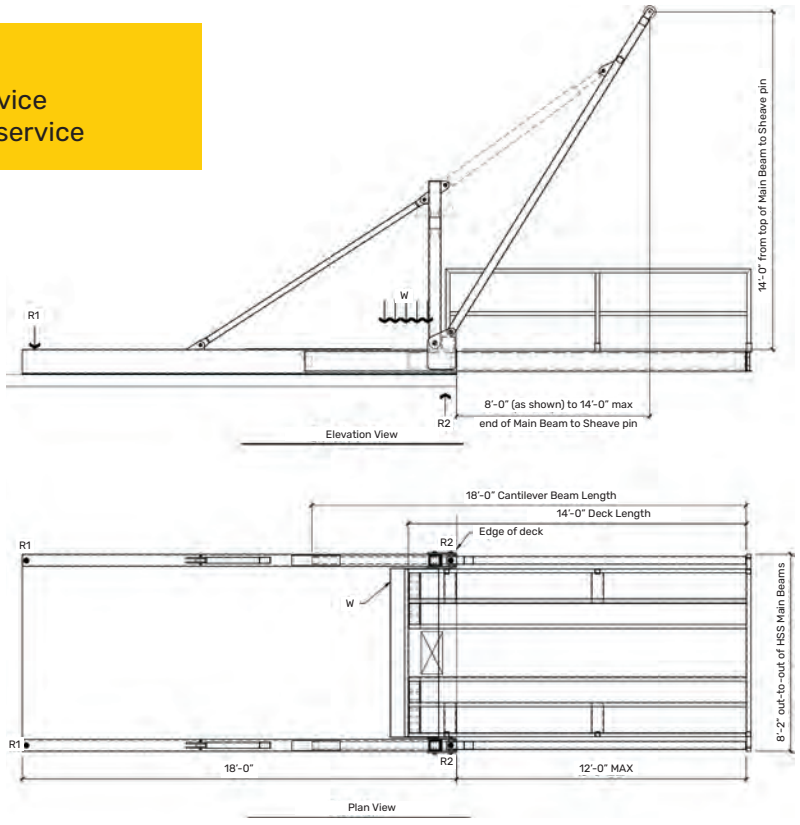
HIGH-RISE MATERIAL HOISTING

DOC® Luffing Hoist

DOC® Luffing Hoist Shoring Specifications

	P (lbs)				Max Extension = 14'-0"
	1000	**2000**	**4000**	**6000**	**8000**
R1	650	1400	2900	4300	5800
R2	6500	8200	11500	14900	18200
W	180	270	450	625	800
P=	Safe lifting load, including any rigging, cables, hooks, etc.				
R1=	Minimum anchorage/uplift load (lbs) at support (neg signifies that shoring below is required)				
R2=	Minimum reaction/compression load (lbs) at support				
W=	Maximum pressure (psf) caused by the steel plate and wheels to an area of 2ftx7ft between the main beams.				
Reactions R1 & R2 are per main beams. Reactions assume 25% impact and a factor of safety of 1.50 applied at the pick load.					

POWER REQUIREMENTS:
Hoist: 480V 3-phase 35A service
Deck: 110V Single-phase 10A service



DOC®

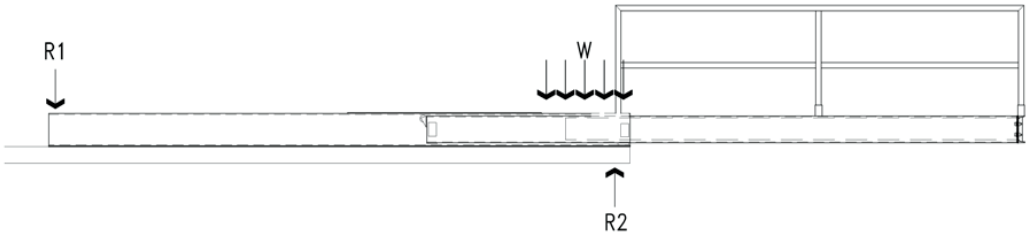
HIGH-RISE MATERIAL HOISTING

DOC 6.5

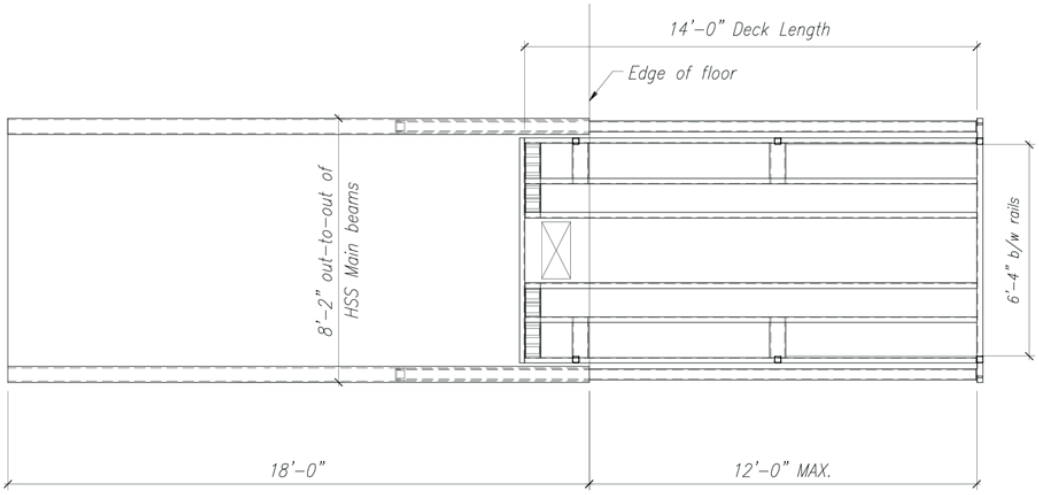
DOC® 6.5 Shoring Specs

	P (lbs)				
	1000	**2000**	**4000**	**6000**	**8000**
R1	200	725	1,800	2,200	3,000
R2	4,750	6,100	9,000	11,250	14,000
W	200	325	550	650	850
P=	Safe lifting load, including any rigging, cables, hooks, etc.				
R1=	Minimum anchorage/uplift load (lbs) at support (neg signifies that shoring is below required)				
R2=	Minimum reaction/compression load (lbs) at support				
W=	Maximum pressure (psf) caused by the steel plate and wheels to an area of 2'x7' between the main beams.				
Reactions R1 & R2 are per main beams. Reactions assume 25% impact and a factor of safety of 1.50 applied at the pick load.					

POWER REQUIREMENTS:
110V Single-Phase 20A



Elevation View



Plan View

DOC®

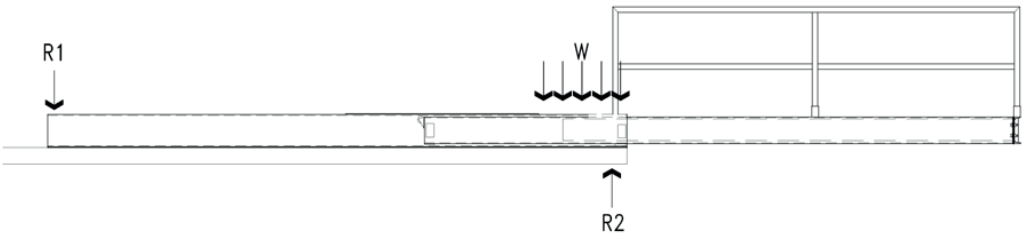
HIGH-RISE MATERIAL HOISTING

DOC 9.0

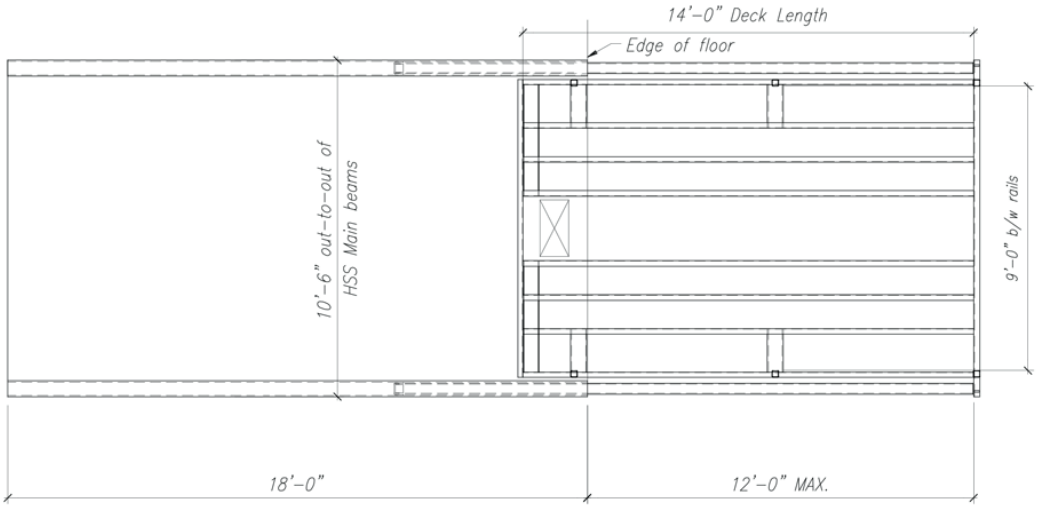
DOC® 9.0 Shoring Specs

	P (lbs)				
	1000	**2000**	**4000**	**6000**	**7000**
R1	175	700	1750	2700	3200
R2	5100	6600	9500	12,500	13,900
W	175	275	450	625	725
P=	Safe lifting load, including any rigging, cables, hooks, etc.				
R1=	Minimum anchorage/uplift load (lbs) at support (neg signifies that shoring is below required)				
R2=	Minimum reaction/compression load (lbs) at support				
W=	Maximum pressure (psf) caused by the steel plate and wheels to an area of 2'x7' between the main beams.				
Reactions R1 & R2 are per main beams. Reactions assume 25% impact and a factor of safety of 1.50 applied at the pick load.					

POWER REQUIREMENTS:
110V Single Phase 20A



Elevation View



Plan View

Innovative Logistics Solutions for High-Rise Construction Contrators

DOC® High-Rise Material Hoist

DOC® Retractable Loading Platform

DOC® Material Basket

"While the DOC system was on the job site, we saved 40% of overtime costs." -J.H. Kelly

DOC®
HIGH-RISE MATERIAL HOISTING

www.dochoist.com

(360) 359-7147