

LOADING PLATFORM INSTALL AND REPOSITION

Empty. Four designated points. Props released. Then fly. Critical lift. The OEM user information wins.

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PURPOSE

Give the crew one method for installing, repositioning or striking a cantilever loading platform by crane. Rails, props, clamps and daily extend / retract stay with the host.

SCOPE

Operator, rigger and signalperson on a Doka, SuperDeck, CantiDeck, PERI RCS MP, DOC or other OEM loading platform. Not a how-to for propping, clamping, through-slab anchors, or rolling a SuperDeck in. Those belong to the manufacturer and the host. Landing materials onto a deck already in service is a separate lift - this SWP still names the WLL rule.

This document is the method - the steps. Hazards and residual risk for the same work are in the JHA library. A procedure is not a hazard analysis.

CITE - TYPICAL SYSTEMS. THIS SERIAL AND THE TYPE PLATE WIN.

SYSTEM	KIND	SERVICE / WLL	WHAT THE CRANE FLIES
Doka 3.0 t - 2.45 x 3.20 m	Fixed cantilever	3 000 kg	Empty. Dead weight ~1 580 kg + rigging. Not the service load.
Doka 5.0 t - 2.95 x 4.50 m	Fixed cantilever	5 000 kg	Empty. Dead weight ~2 670 kg + rigging.
Preston SuperDeck 2.2 / 2.6 / 3.2 / 4.2 m	Retractable drawer	5 000 kg typical	Empty. Host extends and retracts. Install is the crane lift.
Conquip CantiDeck Fixed Flush	Fixed cantilever	Type plate - often 5 000 kg	Empty. Props released before any hoist.
Conquip CantiDeck Super Roller	Retractable	Type plate	Empty. Stacked floors. Flush when retracted.
PERI RCS MP 375 / 550	Material platform	This serial	Empty. Host anchors or MULTIPROP.
DOC	Powered retractable	4 t	Empty. Host 110 V. Install / relocate by crane.

HITCH RULES THAT REPEAT. OEM USER INFORMATION STILL WINS.

RULE	WHO SAYS IT
Four designated lifting points. No improvised picks.	Doka. CantiDeck.
4-leg chain as the OEM. Doka: 3.20 m, <= 30 deg.	Doka. CantiDeck.
Empty only. No material. No persons.	Doka. CantiDeck. SuperDeck install.
Do not lift until props / clamps are released.	CantiDeck. Doka reposition.
Tag lines. Doka: one. CantiDeck: front and rear, opposite corners.	Doka. CantiDeck.
One platform at a time.	Doka.
Reposition wind - Doka 72 km/h, or the lower of crane / this SJP.	Doka. Chart.
Disconnect only after the host says landed - jacks tight, rails pinned.	CantiDeck. Doka.
Daily SuperDeck / Super Roller / DOC extend and retract is host. The crane is not hooked.	Preston FAQ. CantiDeck. DOC.

PROCEDURE

01 GATE

OEM user information for this serial at the lift. Type plate. Engineered drawing if the site has one. Dead weight known (14.36) -

empty, plus rigging. Not the service WLL. Pick points only as the OEM names. Wind - the lower of crane, manufacturer, this SJP. Doka cites 72 km/h while repositioning; a lower number still wins. PROVEN-SJP-003 / FRM-053 filled. Critical lift plan. Radios tested. Pre-lift meeting immediately before this lift. Retractable or fixed - said. If any of that is missing, the hook does not take the deck.

02 HITCH

Four designated lifting points. Doka: welded points on the main beams. CantiDeck: the four points the user guide names. 4-leg chain as the OEM. Chain shorteners only if that guide uses them for hang. No two-point fly on a four-point deck. Inspect the hitch. Tag lines on - Doka one; CantiDeck front and rear, opposite corners.

03 EMPTY

No material. No persons. Doka: reposition empty only. SuperDeck install is empty. Loose gear off. One platform at a time. Fall protection at the slab edge (Part 11). Exclusion below.

04 RELEASE

Host releases props, clamps or through-slab anchors to the OEM. This procedure does not invent that sequence. CantiDeck: do not lift until the props are released. Take a little load, confirm free, then hoist. Do not strip with the crane.

05 FLY

Test lift. Hang as the OEM. Path. Tag lines. Wind. Hoist clear, then travel. A deck is a sail. Stop on any change. Do not fly over people (14.44).

06 LAND

Guide onto the slab. Host swings rails and props, pins them, clamps between slabs or sets through-slab anchors as the OEM. Doka: low storey - props laid flat only if that user information allows it. CantiDeck: screw jacks tight, thread as the guide. Do not disconnect until the platform supervisor says it is landed. Then release.

07 IN SERVICE

Landing materials onto the deck is a different lift. Chart capacity and remaining platform WLL both have to take the load. Unsupervised load on the deck is prohibited. The deck WLL is not a second chart for a pick the crane cannot hold.

08 RETRACTABLE

SuperDeck, CantiDeck Super Roller, DOC: daily extend and retract is host. Preston: no crane licence to roll it. The crane is not hooked while it moves as a drawer. Install, reposition and strike stay this SWP - empty, four points, props released.

RESPONSIBILITIES

THIS PROGRAM

The published method for the work. Stop-work is named in it. It does not own the site.

SUPERVISOR

Confirms the plan, the crew, the zone and the stop criteria. Owns whether the hook moves.

CRANE OPERATOR

Runs only the machine they are competent on, to the chart, after inspection. Stops on an unclear signal or a broken plan.

RIGGER

Selects, inspects and applies the hitch. Does not guess weight, centre of gravity or angle.

SIGNALPERSON

One set of hands on the crane. Holds the zone. STOP means stop.

WORKER

Works to this program and to site rules - whichever is stricter. Uses the three rights. Reports damaged gear.

PLATFORM SUPERVISOR (HOST)

Rails, props, clamps or through-slab anchors to the OEM and the engineered drawing. The crane crew does not invent a propping sequence. Says when the deck is landed and in service.

PRIME CONTRACTOR

Coordinates floors, exclusion, and who may land on the deck. Not a spectator.

REQUIRED COMPETENCY

BC Crane Safety certificate for this crane class
Critical-lift brief - everyone can repeat the abort
Knows the four designated lifting points on this serial, not last floor's memory
Can say whether this deck is fixed or retractable, and who extends it

EQUIPMENT

This crane, this chart
4-leg chain and hardware as the OEM - Doka 4-part 3.20 m, ≤ 30 deg if that is this serial
Tag lines
Radios on the named channel
PROVEN-FRM-007, PROVEN-FRM-009, PROVEN-FRM-053

PPE

Hard hat
CSA-grade footwear
High-visibility clothing
Eye protection
Task-rated gloves
Hearing protection where required
Fall protection where the work exposes a fall

PROHIBITED PRACTICES

People or material on the deck while it flies
Flying the service WLL as the pick weight
Improvised pick points, missing legs, or a two-point fly on a four-point deck
Hoisting with props or clamps still in
Disconnect before the host says landed
Using the crane to retract or extend a SuperDeck
Last floor's SJP for this serial

EMERGENCY RESPONSE

Deck hung up, dumped at the edge, dropped object, person in the zone, wind pickup, lost radio - stop. Land if it can be done without a second incident. Do not pull. First aid. Notify the site and the employer. Hold the scene.

DOCUMENTATION

PROVEN-SJP-003 / FRM-053 for this deck
PROVEN-FRM-007 critical lift plan
PROVEN-FRM-009 pre-lift meeting
OEM user information for this serial
Type plate / WLL
FLHA

REFERENCES

Workers Compensation Act s. 21 - known or reasonably foreseeable hazards; instruction and supervision
OHS Regulation (B.C. Reg. 296/97, in force 15 Apr 1998) Part 3 - OHS program, instruction, inspections
OHS Regulation Part 4 s. 4.13 - risk assessment where rescue or evacuation may arise
OHS Regulation Part 8 - PPE; headwear CSA Z94.1-05 or Z94.1-15
OHS Regulation Part 11 - fall protection
OHS Regulation Part 14 - Cranes and Hoists
14.2(5) - CSA Z150-1998, or ASME B30.5-2004, or ASME B30.22-2005 (articulating boom)
14.2(6) - CSA Z248-2004 for tower, hammerhead and self-erecting tower cranes
14.35 pre-use inspection 14.36 load weight 14.42.1 critical lift 14.44 loads over work areas 14.45 unattended loads

14.47-14.49 signals

OHS Regulation Part 15 - Rigging

Manufacturer load chart, manual and configuration limits

Site lift plan, FLHA and site rules where stricter

Doka loading platform User Information - four welded lifting points, Doka 4-part chain 3.20 m, empty only, no persons, sling angle ≤ 30 deg, reposition wind 72 km/h, one platform at a time.

Conquip CantiDeck User Guide - four lifting points, 4-leg chain, tag lines opposite corners, do not lift until props are released, disconnect after screw jacks tight, WLL on the type plate.

Preston SuperDeck - retractable drawer. Install is a licensed crane lift. Daily extend / retract is host operation. No crane licence to roll it. 604 817 DECK.

PERI RCS MP material platform - crane-set. Anchors or MULTIPROP between slabs. Host. User information for this serial.

DOC loading platform - powered retractable drawer. Install / relocate by crane. Daily extend / retract is host, including the 110 V supply.

14.36 load weight 14.44 loads over work areas 14.47-14.49 signals Part 11 at the slab edge

Manufacturer user information for this serial at the lift. Pick points only as the OEM names. Fly weight is empty dead weight plus rigging - not the service WLL.

LINKS

SJP - THIS DECK - PROVEN-SJP-003 -> </safety/sjp/loading-platform>

JHA - LOADING PLATFORM - PROVEN-JHA-014 -> </safety/jha/loading-platform-reposition>

DOKA LOADING PLATFORM (OEM PAGE) -> <https://www.doka.com/en/solutions/products/loading-platform/index>

DOKA LOADING PLATFORM 5.0 t - USER INFORMATION ->

https://direct.doka.com/_ext/downloads/downloadcenter/999821902_2025_10_online.pdf

DOKA LOADING PLATFORM 3.0 t - USER INFORMATION ->

https://direct.doka.com/_ext/downloads/downloadcenter/999822702_2024_10_online.pdf

PRESTON SUPERDECK (CANADA) -> <https://www.prestonrentalsgroup.ca/product-category/superdeck/>

SUPERDECK FAQS -> <https://www.prestonrentalsgroup.ca/frequently-asked-questions-faqs-about-the-superdeck/>

CONQUIP CANTIDECK (OEM PAGE) -> <https://cqegroup.com/us/cantideck/>

CANTIDECK FIXED FLUSH - USER GUIDE ->

<https://cqegroup.com/uk/wp-content/uploads/sites/5/2025/12/CantiDeck-Fixed-Flush-2025-User-Guide-Issue-7.pdf>

CANTIDECK SUPER ROLLER - USER GUIDE ->

<https://cqegroup.com/uk/wp-content/uploads/sites/5/2025/12/CantiDeck-SUP-User-Guide-Issue-5.pdf>

PERI RCS MP MATERIAL PLATFORM -> <https://cn.peri.com/products/rcs-mp-material-platform.html>

DOC LOADING PLATFORMS -> <https://www.dochoist.com/loading-platforms/>