

# Enabling Success with K-D2 PLANNER: Our Support Approach

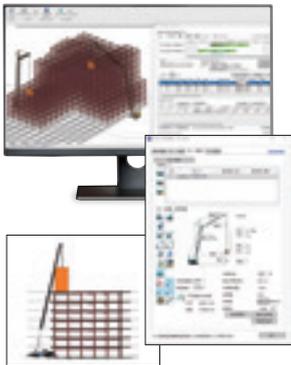
Revit Add-in Software for Supporting Crane Lifting Planning



## Why Choose K-D2 PLANNER

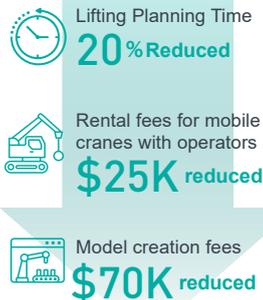
Reason 01

**Extensive Functionality and User-Friendly Operation**



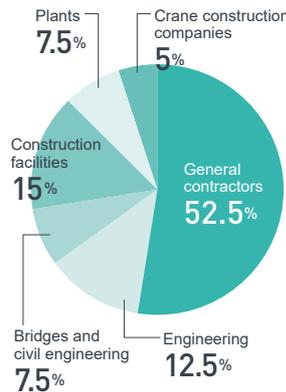
Reason 02

**Cost Reduction and Work Efficiency Improvement**



Reason 03

**Industries of Our Customers in Japan**



Reason 04

**Support by Kobelco Construction Machinery**



### What Our Implementation Support Includes

#### Onboarding Preparation

##### Model Creation

- Building Models** • Added Weight Information and Exploded Model Sections
- Crane Models** • Client-Owned Machinery, Tower Cranes, Crane Models Using DWG 3D Modeling. etc.

#### What We Offer

##### Lift Paths

- Logistics Facilities • Plant Models • Bridge Girder Shoring Installation
- Removal of Pedestrian Bridges • Factory Electrical Equipment Replacement Projects

##### Construction Step Diagrams

- Waste Disposal Facility Construction • Parking Lot Construction
- Plant Construction • Precast Reinforced Concrete Construction • Wind Turbine Installation
- Underground Structures for Station Redevelopment • New Multi-Level Parking Structure Construction
- New Logistics Facility Construction

※The examples above represent implementation support in Japan.

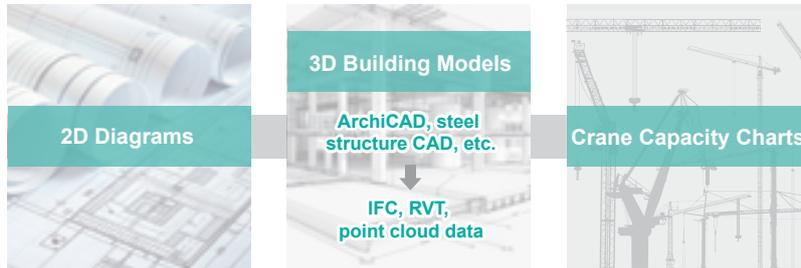
# Implementation Support Step of K-D2 PLANNER

At Kobelco Construction Machinery, we offer free support when introducing K-D2 PLANNER to help you make the most of its capabilities. Please feel free to take advantage of this service!

We supported General Contractors: 49 Projects; Plants: 8 Projects; Crane Construction Companies: 21 Projects; Engineers, Shoring, Bridges, Other: 31 Projects Total: 109 Projects Supported in Japan.

Preliminary Preparations

We collect your 2D plans (planning and shoring) and 3D models (buildings and crane charts not yet integrated).

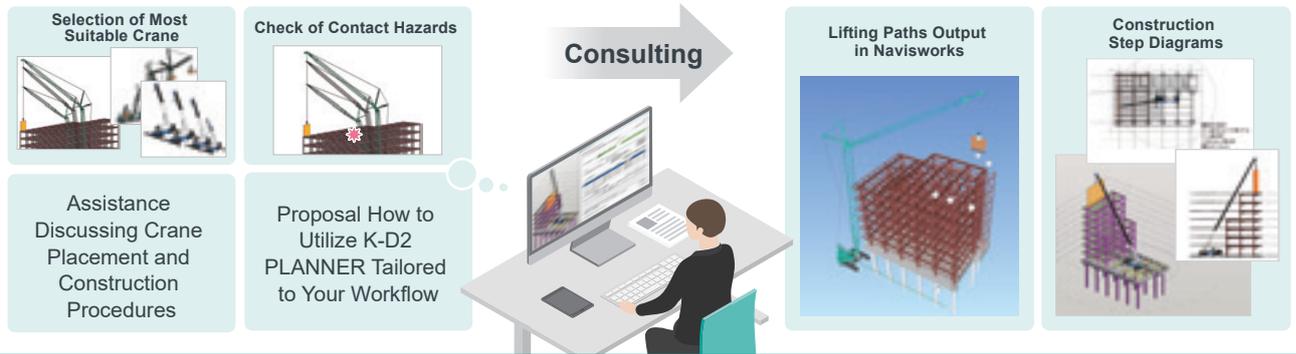


Preparatory Steps by Kobelco Construction Machinery Prior to the Study

- Adding weight information and exploding sections of the building model
- Creating crane models

Study

Our dedicated engineers utilize the K-D2 PLANNER to analyze and plan each step of the construction process.



Evaluation of Study Results and Benefits

We conduct a joint assessment of the verification process and the expected benefits of implementation.

**1 Reduction in Construction Planning Time**

2D diagram construction study	Study	Create plan	Distribute to site connections	Supervisor delay	Client delay
Work in 3D	Heavy equipment modelling	3D operation	Study	Distribute to site connections	Supervisor delay
Work in 3D + K-D2 PLANNER	3D operation	Study	Create plan	Distribute to site connections	Supervisor delay
	3D operation	Supervisor delay	Deliverable creation	Client delay	

20% reduction

**2 Reduce Construction Cost Projections**

Reduced rental costs regarding mobile cranes with operators when selecting optimal heavy equipment, excluding margin

120 t class  
10 months

↓

90 t class  
10 months

Approx. \$25K cost savings

**3 Reduce On-Site Mishaps Through Detailed Construction Planning**

(Changing crane classes or revising construction procedures)

Implementation



Explore how our solution can support your work by applying the free trial version to an actual project.

K-D2 PLANNER



Revit add-in software continues to evolve based on customer feedback



◀ Watch special website



◀ Contact us

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# KOBELCO CONSTRUCTION MACHINERY CO., LTD.

5-15, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo, 141-8626 JAPAN

☎ (+81)03-5789-2111

www.kobelco-kenki.co.jp

These specifications are subject to change without notice. K-D2 PLANNER-101-250401SS