

Industrial Crane Project Requirements Worksheet

Complete before requesting a crane proposal, layout review, modernization study, or installation plan.

DOCUMENT ID HK-TR-PRJ-004	PREPARED BY HAOKCRANES Engineering Editorial Group	TECHNICAL REVIEW Crane Mechanical & Safety Review Group	REVISION 2026-06-14 / Rev. 1
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Application and Load

Material handled	_____	Maximum load	_____
Attachment / beam	_____	Attachment weight	_____
Load dimensions	_____	Center of gravity	_____
Crane quantity	_____	Tandem lifting	Yes / No

Site Geometry

Building width	_____	Runway elevation	_____
Required span	_____	Required hook height	_____
Travel length	_____	Column spacing	_____
Roof obstruction	_____	Side approach	_____
Drawing reference	_____	Installation access	_____

Operation and Environment

Requirement	Value	Priority	Notes
Lifts per hour, shifts per day, and operating days per year	[]		
Typical load distribution and percentage near rated capacity	[]		
Indoor or outdoor; minimum and maximum temperature	[]		
Dust, humidity, salt, chemicals, heat, cleanroom, or hazardous zone	[]		
Pendant, radio remote, cabin, automation, or process integration	[]		
Required speeds, micro-speed, positioning accuracy, or anti-sway	[]		

Commercial and Delivery Planning

Planning item	Requirements	Owner	Notes
Destination country, nearest port, and final site	[]		
Required delivery date and planned installation window	[]		
Local voltage, frequency, phases, and control voltage	[]		
Installation labor, lifting equipment, tools, and supervision scope	[]		
Documentation language, certification, inspection, and witness testing	[]		
Spare parts, training, warranty, and long-term service expectations	[]		

Prepared by	_____	Company	_____
Email / phone	_____	Date	_____
Drawing attached	Yes / No	Process description	Yes / No

Important: Final crane selection requires engineering review of the load, operating duty, building or foundation, safety requirements, environment, and applicable local regulations.