

2 TECHNICAL SPECIFICATION

2.1 Item 1 • 30-TON CXTD Double girder crane with 40'-0" span

2.1.1 References

Client's / Seller's reference: Factory Crane / jsk-06108
 Description: Crane Bridge

2.1.2 Technical data of the crane

Quantity	1	
Type	CXTD Double girder crane /	
Profile girder		
Capacity	60 000 lbs	
Span	40'-0"	
Lifting height	80'-0" (Max. 86'-11 5/16")	
Duty groups (Steel structure / Hoist)	CMAA C	
Wire rope hoist type / Reeving type	Existing CXT60610300P8 /	
True lift		
Crane weight with hoist	22 750 lbs	
Structure finishing	W 5 mil, RAL1028	
Static wheel load	20.3 kips	
Runway rail type	ASCE60	
Crane voltage	3Ph / 460 V / 60 Hz, 115 V	
Control		
Starting / Nominal current	228.1 A / 55.1 A	
Operation / Ambient temperature	Indoor / 32 - 104 °F	
<u>Speeds</u>		
-Existing Hoisting speed	16/2.6 ft/min	2 - speed
-Existing Trolley traversing speed	65 ft/min	Stepless
-Bridge travelling speed	100 ft/min	Stepless
<u>Motors</u>		
-Existing Hoisting motor power	33.5/5.1 hp	
-Existing Trolley traversing motor power	2 x 1.1 hp	
-Bridge travelling motor power	2 x 1.5 hp	
Crane is controlled with Pendant control – Freely movable along crane girder as well as Remtrjon Radio remote control		
<u>Standard features</u>		
-Overload limiting device		
-Cast iron rope guides to prevent wire rope overlap		
-Squirrel cage motors with DC disk brakes		
-UP and DOWN adjustable hoisting limit switches		
-1-step, slow down bridge travel limit switch		
-Thermal protection on hoisting motor		
-Under voltage and over current protection		
-Main line contactor		
-Fused disconnect switch.		
<u>Special features (Included in supply)</u>		
-Existing DynADrive stepless speed control for trolley traversing motion		
-DynADrive stepless speed control for bridge travelling motion		
-Remtron Radio Remote		

2.1.3 Crane installation and transportation

The installation is included, but transportation of this crane is not included in this Offer.

2.1.4 Runway and/or runway rails

The runway rail material and installation is included, but transportation is not included in this Offer.

2.1.5 Runway power supply

The runway power supply material and installation is not included, but transportation is not included in this Offer.

2.1.6 Delivery address

The equipment will be delivered to following address:

1201 Sharps Drive

Newton, KS 67114

Contact person at site: Nick Mackey