



YUANTAI CRANE

LXB Explosion-proof Underslung Crane Specifications



- Good quality, high production efficiency, few maintenance
- Reasonable design, strong rigidity
- Ground control includes wired and remote control

■ Part 1 Introduction

◆ Basic Parameters

Type:	LXB
Lifting capacity:	0.5~10t
Span:	7.5~25.5m
Working class:	A3
Temperature:	-25~+40℃

◆ Overview

Manufacturing, installation, use all accord with JB/T 10219 "explosion-proof overhead crane

Matched with BCD electric anti-explosion hoist

Small crane with light lifting capacity

Explosion-proof sign is Exd II BT4 respectively, Exd II CT4

Apply to factory critical ability is not higher than II B or II grade C

Ignites temperature classes are T1 ~ T4 group a flammable mixture of the place

Applicable for dangerous area district 1 or 2 area(see GB3836.1-2000)

All motors, electricals explosion-proof performance meet GB3836.2-2000 "explosive gases use explosion-proof electric equipment part 2: flameproof" d ""

◆ Features

(1) In General

Reasonable design, strong rigidity

Ground control include wired and remote control.

Choosing according to different needs

(2) Mechanical Feature

Single main, made by the high quality and a stamping forming range and high quality u-shaped slot into composition

Trinity-drive system or traditional drive by motor and reducer

Smoothly moving, effectively braking, long service life

(3) Electrical system

Safety smooth touch line.

Electric hoist mobile power supply is constituted by flate cables or special cables, Galvanized slippery course and small cable pulley.

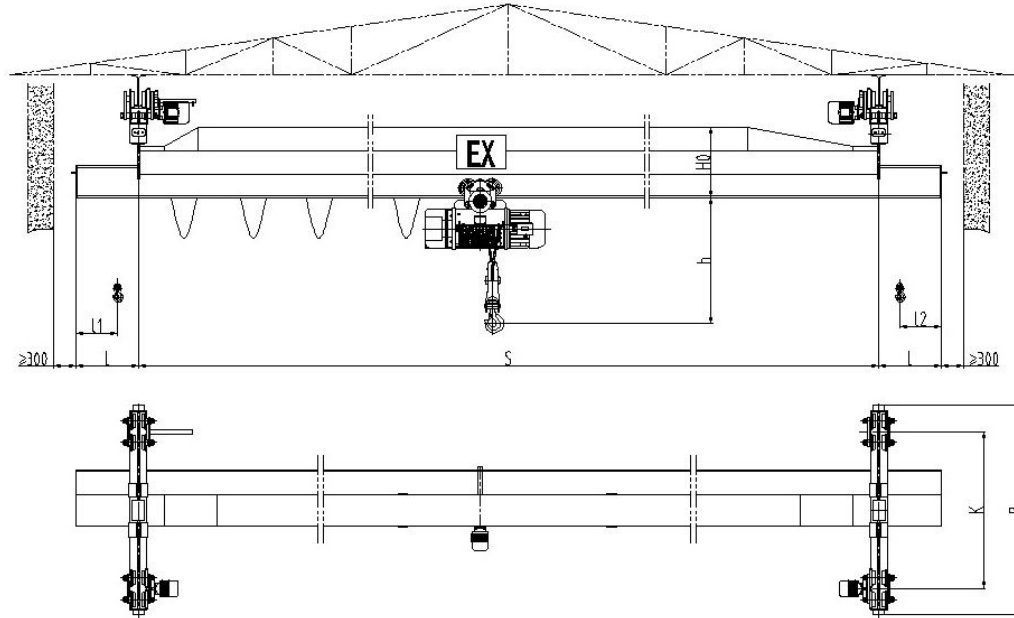
Smoothly moving, beautiful appearance.

Choosing according to different needs.

(4) Security Protction

Settings prevent collision device and audible and visual alarm device.

Part 2 Drawing



Part 3 Parameters

LX Type Electric Single-girder Underslung Crane		5t							
Span	S (m)	3	4	5	6	7	8	9	10

Lifting height	m	9	9	9	9	9	9	9	9
Lifting speed	m/min	8	8	8	8	8	8	8	8
Trolley speed	m/min	20	20	20	20	20	20	20	20
Crane speed	m/min	20	20	20	20	20	20	20	20
Lifting motor	kw	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Trolley motor	kw	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Total weight	t	1.28	1.36	1.44	1.52	1.60	1.92	2.02	2.12
Max wheel load	t	2.92	2.94	2.96	2.99	3.01	3.10	3.12	3.15
Track		I36a	I36a	I36a	I36a	I36a	I36a	I36a	I36a

Main dimension	mm	3	4	5	6	7	8	9	10
Girder edge to hook	h	1320	1320	1320	1320	1320	1320	1320	1320
Wheel base	W	1000	1000	1000	1000	1000	1500	1500	1500
Crane width	B	1500	1500	1500	1500	1500	2000	2000	2000
Hook left limitation	S1	302	302	302	302	302	302	302	302
Hook right limitation	S2	170	170	170	170	170	170	170	170
Left cantilever	L1	750	750	750	750	750	1000	1000	1000
Right cantilever	L2	750	750	750	750	750	1000	1000	1000

Note: Control mode for ground operation



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Tips:

You can use the phone dimensional code recognition software to scan the right side of the two-dimensional code, to quickly and easily access our web site for more information.