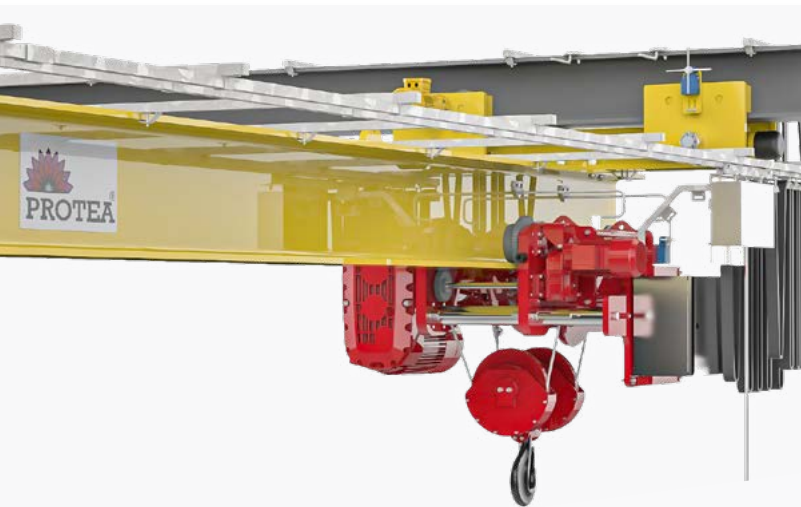


OSS Room Overhead Crane

Product specification



TYPE	Underslung overhead
CONTROL	Pendant
HOIST	Compact design, to reflect corrosivity category
REEVING	4/1
CRANE SUPPLY	Festoon system
EMERGENCY LOWERING	Brake manual operated level
HOIST & TRAVEL MECHANISM	Two-speed drives
STARTING METHOD	DOL

Standards & certifications

Standards

EN15011	Cranes
DGUV-52	Krane
2006/42/EC	European Machinery Directive
2006/42/EC	European Machinery Directive
2006/95/EC	Low Voltage Directive
2014/30/EU	Electromagnetic Compability Directive

3rd party certification (on request)

Design Approval	During crane design, prior to fabrication start
Fabrication Follow-up	During manufacturing and testing phase
HAT	After crane installation onboard sub-station



Environment

Environmental data

Ambient temperature	-20/+45 degrees C
Relative humidity	96%
Operational wind speed	N/A – indoor use

Corrosion protection

Corrosivity category	C5-M EN12944-2
Paint system	3-layer system
TDFT	320 microns
Standard	EN12944, NORSOK M-501
Hot dip galvanisation	Crane girder acc. to EN1461
Paint supplier	Jotun
RAL colour	1021

Safety, service & maintenance

Safety systems

Overload protection	Load cell built in wire sheave
Hoisting	Limit switch
Hoist travel	Limit switch
Crane travel	Limit switch
Emergency stop	On pendant control

Service & maintenance

12 months service intervals

Scope of supply

Crane	Design, procurement, fabrication, testing
Hoist	Design, procurement, fabrication, testing
Crane supply	Festoon system
End stoppers	Fixable
Electrical interface	Main switch
Spare parts	Commissioning & operational
Training	Crane operators & service
User manual	English, German, others (on customer request)
Quality documentation	English
After sales service	Service agreement
Runway beams	Excluded

Technical data

Lifting Load [kg] Lifting Height [m]

2000 - 12 500	6,0/9,0	6,0/9,0	6,0/9,0	6,0/9,0
CRANE SPAN [m]	8,0	13,0	16,0	20,0

Lifting Load [kg] Hoisting Speed [m/min]

2000	0,8 / 5,0	1,3 / 8,0
2500	0,8 / 5,0	1,19 / 7,93
3200	0,7 / 4,92	1,3 / 8,0
4000	1,0 / 6,3	1,4 / 9,6
5000	0,77 / 5,02	1,11 / 7,7
6300	0,7 / 5,2	0,9 / 6,22
8000	0,78 / 5,06	1,31 / 8,23
10 000	0,81 / 5,11	1,0 / 6,3
12 500	0,63 / 3,96	0,81 / 5,11

Lifting Load [kg] Hoist Travel Speed [m/min]

2000 - 3200	2,5 / 10,0
4000 - 12 500	5,0 / 20,0

Lifting Load [kg] Crane Travel Speed [m/min]

2000 - 12 500	5/20	5/20	5/20	5/20
Wheel diameter	80	100	125	160

Lifting Load [kg] End Carriage Wheel Base [mm]

2000 - 12 500	1200	1800	2200	2500
Crane Span [m]	8,0	13,0	16,0	20,0

Lifting Load [kg] Wheel Diameter [mm]

2000	80	80	80	80
2500	80	80	80	80
3200	80	100	100	100
4000	100	125	125	125
5000	100	125	125	125
6300	125	125	125	125
8000	125	160	160	160
10 000	160	160	160	160
12 500	160	160	160	160
Crane Span [m]	8,0	13,0	16,0	20,0

website



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