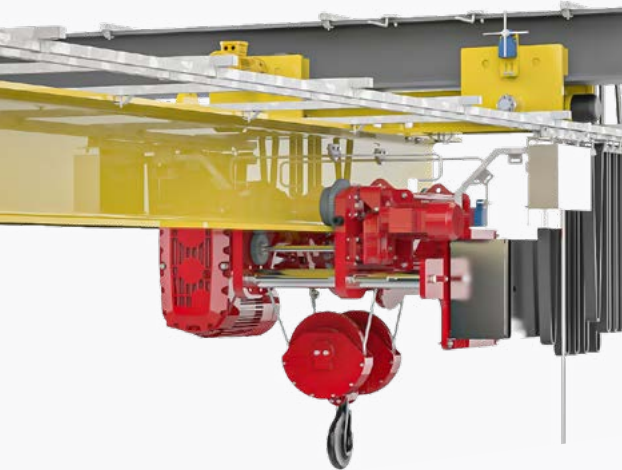


# Trolley Hoist

## Product specification



<b>TYPE</b>	Monorail hoist
<b>CONTROL</b>	Wireless remote pendant
<b>LOAD</b>	1000 kg
<b>CAPACITY PERSONNEL LIFT</b>	500 kg
<b>EMERGENCY LOWERING</b>	Manual brake
<b>STARTING METHOD</b>	Soft starter with frequency converter
<b>SAFETY MEASURES</b>	AOPS, MOPS / ELL, EOS
<b>POWER SUPPLY</b>	Festoon system

## Standards & certifications

### Standards

EN-13852-1; EN-13952-3	Cranes – Offshore Cranes
DNV-ST-0378	Standard for offshore and platform lifting appliances
EN-15011	Cranes
IEC60365	Electromagnetic Compatibility Directive
2006/42/EC	European Machinery Directive
2006/96/EC	Low Voltage Directive
2015/30/EU	Electromagnetic Compatibility Directive

### 3rd party certification (on request)

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



# Environment

## Environmental data

Ambient temperature	-20 / +45 °C
Relative humidity	100%
Operational wind speed	25 m/s
Stowed position	63 m/s
Wave height	1.5 m

## Corrosion protection

Corrosivity category	CX (EN12944-2)
Paint system	4-layer system
TDFT	400 microns
Standard	EN12944, NORSOK M-501 CX
Color palette	RAL
Paint supplier	Jotun
Additional	Stainless steel 316L, metallization

# Safety, service & maintenance

## Safety systems

Overload protection	AOPS, MOPS / ELL
Hoisting	Limit switch, load limiter
Hoist travel	Limit switch
Slack rope indicator	Load cell
Emergency stop	Control panel and radio controller

## Service & maintenance

12 months service intervals

# Scope of supply

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

# Technical data

<b>FEM classification</b>	Structure A5 (Q3, U4), Mechanisms M4 (L3, T3)
<b>Lifting load</b>	1000 kg
<b>Personnel lift</b>	500 kg
<b>Lifting height</b>	33 m
<b>Hoisting speed</b>	16.4 m/min
<b>Travelling speed</b>	10 m/min
<b>Sea Fastening</b>	Included
<b>Steel rope</b>	Included
<b>Power supply</b>	3×400V / AC / Hz
<b>Power consumption</b>	6 kW
<b>Soft starter</b>	Included
<b>Frequency converter</b>	Included
<b>Acoustic and visual warning signals</b>	Included

## Options

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Vertical dismantling

Hoist garage

EN 10204 Type 3.2 Certification

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