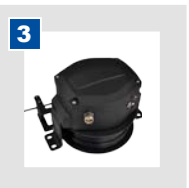


Telescopic Crane

➤ with main boom, outrigger monitoring

➤ Requirements

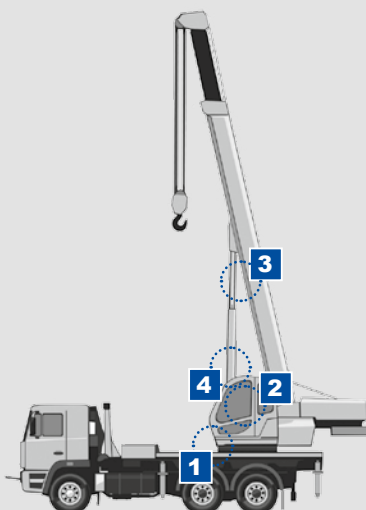
- Load moment indication
- Synchronously extendable main boom
- Fixed fly jib
- Work basket on main boom and fly jib
- Single movement cut-offs via digital outputs
- Processing of digital inputs
- Event recorder
- Outrigger monitoring
- Communication to crane controller



➤ Product solution

- For all crane sizes

Hardware	
Controllers	1 qSCALE S6 IP66
Consoles	2 vSCALE D3
Sensors	3 gSENS LWG
	4 2x pSENS DAVS Rotary encoder, inclination sensor
Software	
Load moment indication	LMI (LMAP) application Graphical console application Outrigger monitoring Event recorder



Features

- Graphical set-up state pre-selection
- Graphical information screen for currently selected set-up state
- LMI (LMAP) operational display with schematic crane configuration
- Visualization of support status and crane inclination by bubble level in LMB (LMAP) operational display
- Automatic operation mode selection depending on detected support status with manual override function
- Context-sensitive on screen information
- Output of status information and service screens as a table or graphic
- Sensor calibration via console (password-protected service menu)
- User limits (radius, angle, height, slew angle, length)
- Virtual walls
- Detailed error lists with priorities
- Visualization of status information from crane controller
- Optional Camera input

Overview

		Kudesnik	Altec
Regulations	EU		
	USA		■
	Russia	■	
Requirements Load Moment Indication	Load moment indication	■	■
	Single Movement Release / cut-off	■	■
	General cut-off		
	Digital Inputs	■	■
	Digital Outputs	■	■
	Angle sensing at boom bottom	■	■
	Angle sensing at boom top		
	Load sensing in luffing cylinder	■	■
Requirements Console	Customized fully graphical OM selection (guided menu)	■	■
	Customized OM Configuration list / Numerical OM selection		
	Graphical OM Info screen	■	■
	Numerical OM selection (OM Code)		
	Real crane pictures		
	Schematic crane pictures	■	■
Standard functions	Virtual walls	■	■
	User limits (radius, angle, height, slew angle)	■	■
	Telescopic control	■	
	Sensor adjustment via console (protected)	■	■
	Status information by symbols	■	■
	Status information with additional text	■	■
	Extended error messages (multi levels)		■
	Servicescreens (multi level with text)	■	■
	Servicescreens (tables or graphics)	■	
Special features	Monitoring load on runner in main boom OM		
	Interpolation of rated loads by main boom angle in luffing jib OM		
	Superlift		
	Monitoring of inclination for ship mounting		
	Visualization of inclination by bubble level	■	■
	Free fall function for hoist		
	Load on main boom with jib mounted	■	
	Communication to crane controller	■	■
	Visualization of status information from crane controller	■	■
	Visualization of motor data (J1939)	■	■
	Outrigger monitoring, display, automatic load chart selection		■
	Camera input		■
	Reduction of crane movement speed	■	
	Context-sensitive on screen information		■
	Load spectrum counter, lift counter	■	
Operating hours counter	■	■	
On screen configuration for available hoist and OM		■	

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