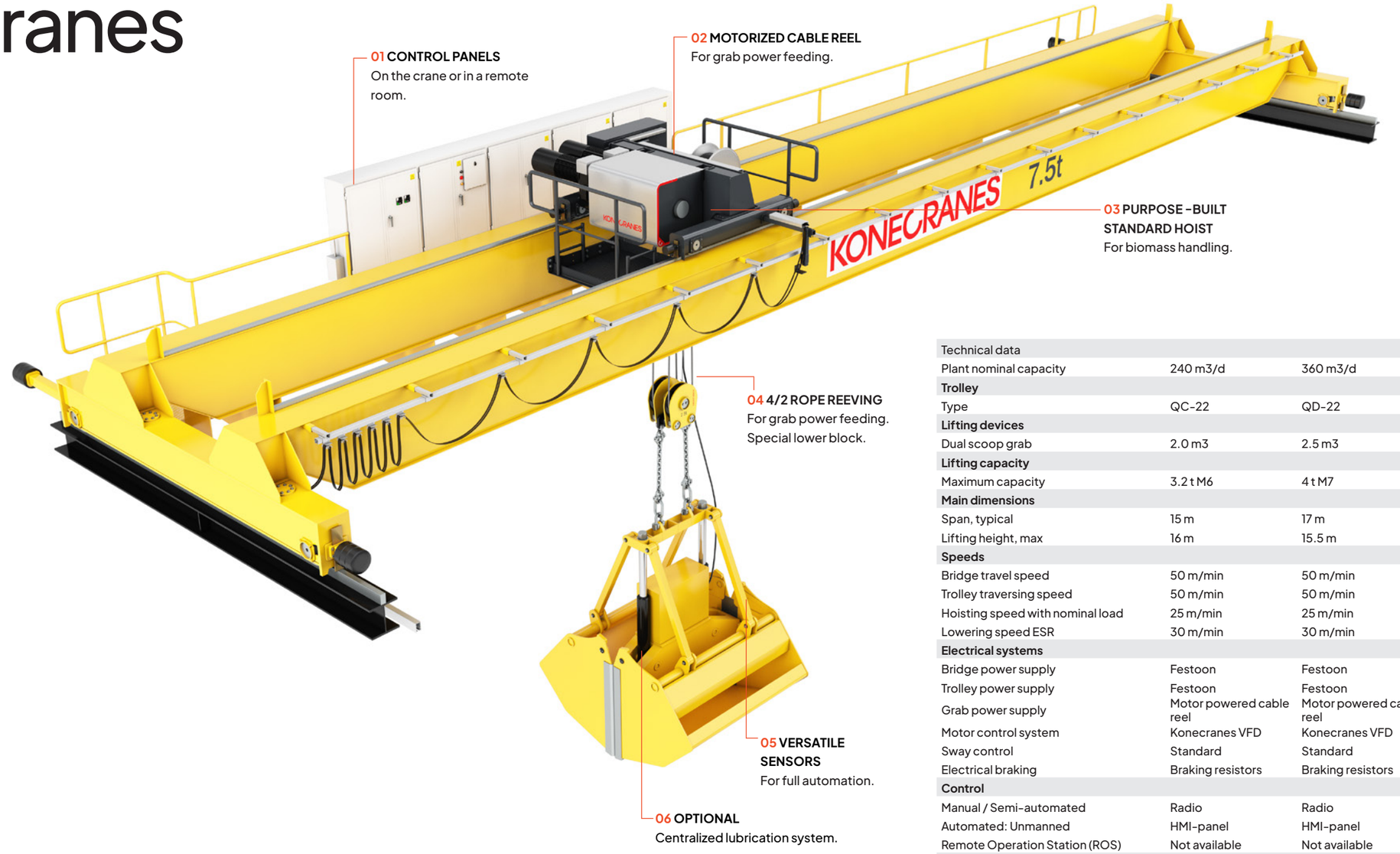
Standard duty biomass handling cranes



01 CONTROL PANELS
On the crane or in a remote room.

02 MOTORIZED CABLE REEL
For grab power feeding.

03 PURPOSE-BUILT STANDARD HOIST
For biomass handling.

04 4/2 ROPE REEVING
For grab power feeding.
Special lower block.

05 VERSATILE SENSORS
For full automation.

06 OPTIONAL
Centralized lubrication system.

Technical data					
Plant nominal capacity	240 m3/d	360 m3/d	360 m3/d	480 m3/d	480 m3/d
Trolley					
Type	QC-22	QD-22	QD-22	QE-22	QE-22
Lifting devices					
Dual scoop grab	2.0 m3	2.5 m3	2.5 m3	5 m3	6 m3
Lifting capacity					
Maximum capacity	3.2 t M6	4 t M7	5 t M6	8 t M7	10 t M6
Main dimensions					
Span, typical	15 m	17 m	17 m	22 m	22 m
Lifting height, max	16 m	15.5 m	15.5 m	22 m	22 m
Speeds					
Bridge travel speed	50 m/min	50 m/min	50 m/min	50 m/min	50 m/min
Trolley traversing speed	50 m/min	50 m/min	50 m/min	40 m/min	40 m/min
Hoisting speed with nominal load	25 m/min	25 m/min	22 m/min	25 m/min	23 m/min
Lowering speed ESR	30 m/min	30 m/min	30 m/min	30 m/min	30 m/min
Electrical systems					
Bridge power supply	Festoon	Festoon	Festoon	Festoon	Festoon
Trolley power supply	Festoon	Festoon	Festoon	Festoon	Festoon
Grab power supply	Motor powered cable reel	Motor powered cable reel	Motor powered cable reel	Motor powered cable reel	Motor powered cable reel
Motor control system	Konecranes VFD	Konecranes VFD	Konecranes VFD	Konecranes VFD	Konecranes VFD
Sway control	Standard	Standard	Standard	Standard	Standard
Electrical braking	Braking resistors	Braking resistors	Braking resistors	Braking resistors	Braking resistors
Control					
Manual / Semi-automated	Radio	Radio	Radio	Radio	Radio
Automated: Unmanned	HMI-panel	HMI-panel	HMI-panel	HMI-panel	HMI-panel
Remote Operation Station (ROS)	Not available	Not available	Not available	Not available	Not available
Monitoring					
Event history recorder in PLC	Standard	Standard	Standard	Standard	Standard
Crane Monitoring System (CMS) / MUI	Not available	Not available	Not available	Not available	Not available

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