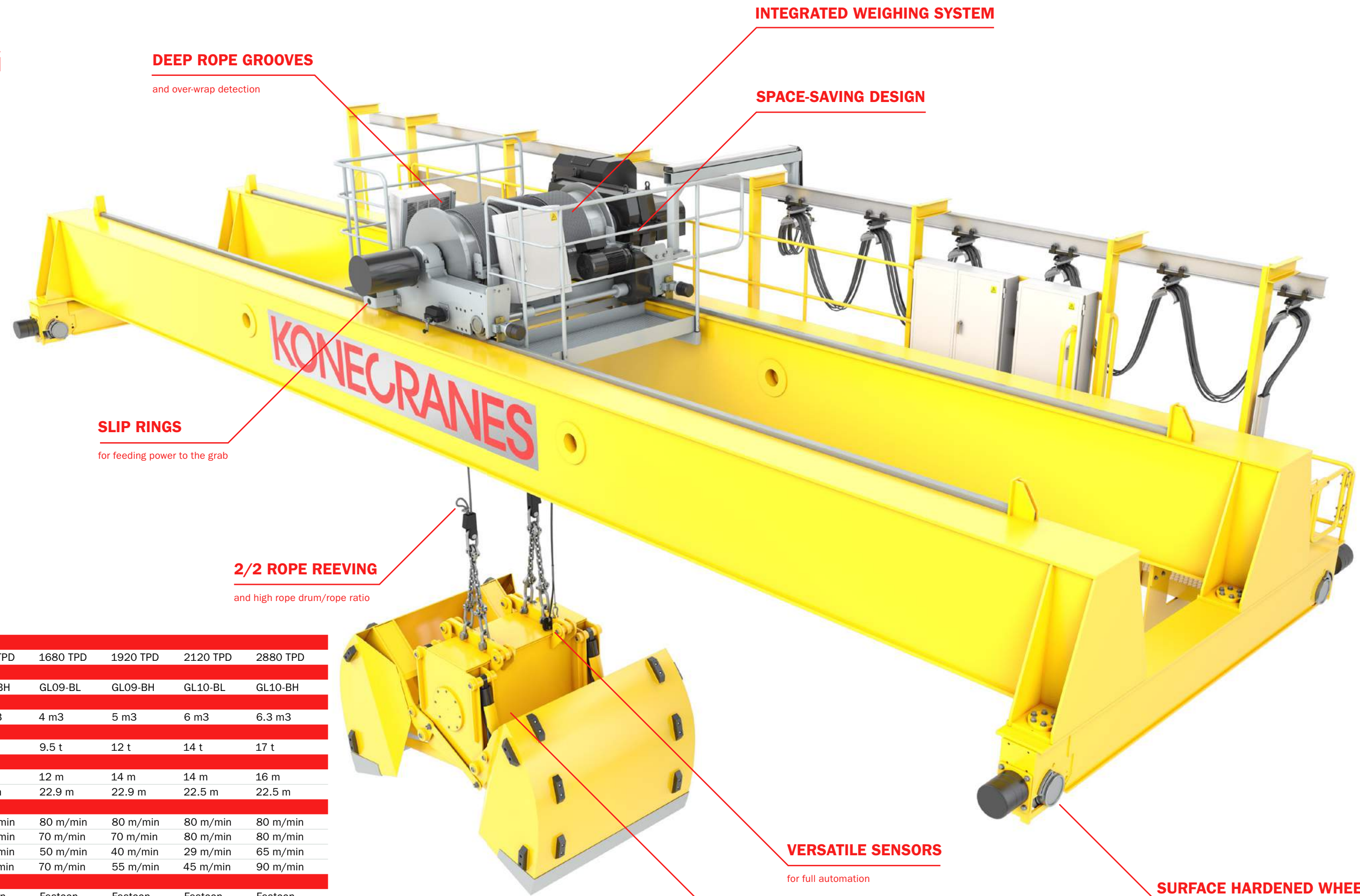


SLUDGE HANDLING CRANES



Technical data									
Plant nominal capacity	720 TPD	960 TPD	1200 TPD	1440 TPD	1680 TPD	1920 TPD	2120 TPD	2880 TPD	
Trolley									
Purpose build open winch	GL07-BL	GL07-BH	GL08-BL	GL08-BH	GL09-BL	GL09-BH	GL10-BL	GL10-BH	
Lifting devices									
Dual scoop grab	1.6 m ³	2.0 m ³	2.5 m ³	3.2 m ³	4 m ³	5 m ³	6 m ³	6.3 m ³	
Lifting capacity									
Maximum capacity	4 t	5.4 t	6.3 t	8 t	9.5 t	12 t	14 t	17 t	
Main dimensions									
Span, typical	10 m	10 m	10 m	12 m	12 m	14 m	14 m	16 m	
Lifting height, max	22.3 m	22.3 m	22.6 m	22.6 m	22.9 m	22.9 m	22.5 m	22.5 m	
Speeds									
Bridge travel speed	60 m/min	60 m/min	60 m/min	80 m/min	80 m/min	80 m/min	80 m/min	80 m/min	
Trolley traversing speed	60 m/min	60 m/min	60 m/min	60 m/min	70 m/min	70 m/min	80 m/min	80 m/min	
Hoisting speed with nominal load	30 m/min	42 m/min	40 m/min	32 m/min	50 m/min	40 m/min	29 m/min	65 m/min	
Lowering speed ESR	40 m/min	58 m/min	50 m/min	40 m/min	70 m/min	55 m/min	45 m/min	90 m/min	
Electrical systems									
Bridge power supply	Festoon	Festoon	Festoon	Festoon	Festoon	Festoon	Festoon	Festoon	
Trolley power supply	Festoon	Festoon	Festoon	Festoon	Festoon	Festoon	Festoon	Festoon	
Grab power supply	Integrated on the rope drum	Integrated on the rope drum	Integrated on the rope drum	Integrated on the rope drum	Integrated on the rope drum	Integrated on the rope drum	Integrated on the rope drum	Integrated on the rope drum	
Motor control system	Konecranes VFD	Konecranes VFD	Konecranes VFD	Konecranes VFD	Konecranes VFD	Konecranes VFD	Konecranes VFD	Konecranes VFD	
Sway control	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Electrical braking	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	Regenerative	
Control									
Manual / Semi-automated	Chair or Radio	Chair or Radio	Chair or Radio	Chair or Radio	Chair or Radio	Chair or Radio	Chair or Radio	Chair or Radio	
Automated: Feeding / Unmanned	HMI-panel	HMI-panel	HMI-panel	HMI-panel	HMI-panel	HMI-panel	HMI-panel	HMI-panel	
Remote Operation Station (ROS)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
Monitoring									
Event history recorder in Programmable Logic Controller (PLC)	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Crane Monitoring System (CMS) / Main User Interface (MUI)	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	

VERSATILE SENSORS

for full automation

OPTIONAL

centralized lubrication system

SURFACE HARDENED WHEELS

with adjustable alignment for smooth travel