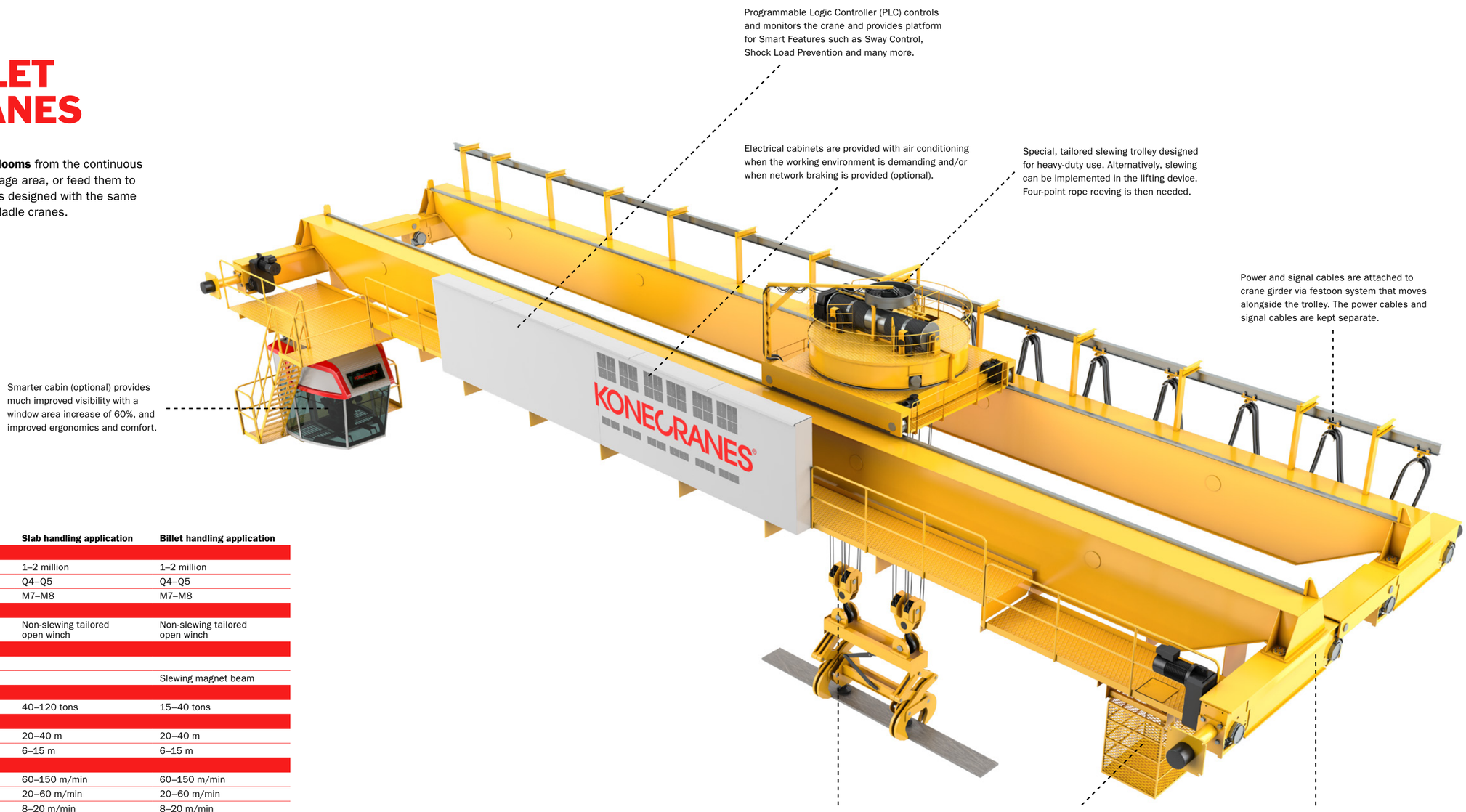
SLAB AND BILLET HANDLING CRANES

These heavy-duty cranes take hot slabs, billets or blooms from the continuous casting machine conveyor, transport them to the storage area, or feed them to the rolling mill. They are high-speed production cranes designed with the same concern for safety and reliability as our charging and ladle cranes.



	Tailored heavy-duty crane	Slab handling application	Billet handling application
Classification			
Working cycles (EN13001-1)	Up to 8 million	1–2 million	1–2 million
Load spectrum (EN13001-1)	Up to Q5	Q4–Q5	Q4–Q5
FEM 1.001 3rd edition / year 1998	Up to M8	M7–M8	M7–M8
Trolley			
Type	Tailored open winch with or without slewing	Non-slewing tailored open winch	Non-slewing tailored open winch
Lifting devices			
Attached with hook	Tong/Magnet/C-hook		
Attached with rope	Tong/Magnet/C-hook		Slewing magnet beam
Lifting capacity			
Maximum capacity	Tailored	40–120 tons	15–40 tons
Main dimensions			
Span	Tailored	20–40 m	20–40 m
Lifting height	Tailored	6–15 m	6–15 m
Speeds			
Bridge travel speeds	Tailored	60–150 m/min	60–150 m/min
Trolley traversing speeds	Tailored	20–60 m/min	20–60 m/min
Hoisting speed with nominal load	Tailored	8–20 m/min	8–20 m/min
Electrical systems			
Bridge power supply	Conductors	Conductors	Conductors
Trolley power supply	Festoon	Festoon	Festoon
Motor control system	Konecranes Variable Frequency Drives (VFD)	Konecranes VFD	Konecranes VFD
Electrical braking	Regenerative network braking units	Resistors	Resistors
ControIt			
Manual	Cabin/Radio	Cabin	Cabin
Automated	Option		
Monitoring			
Event history recorder in PLC	Standard	Standard	Standard
Crane Monitoring System	Option	Option	Option

KONECRANES®