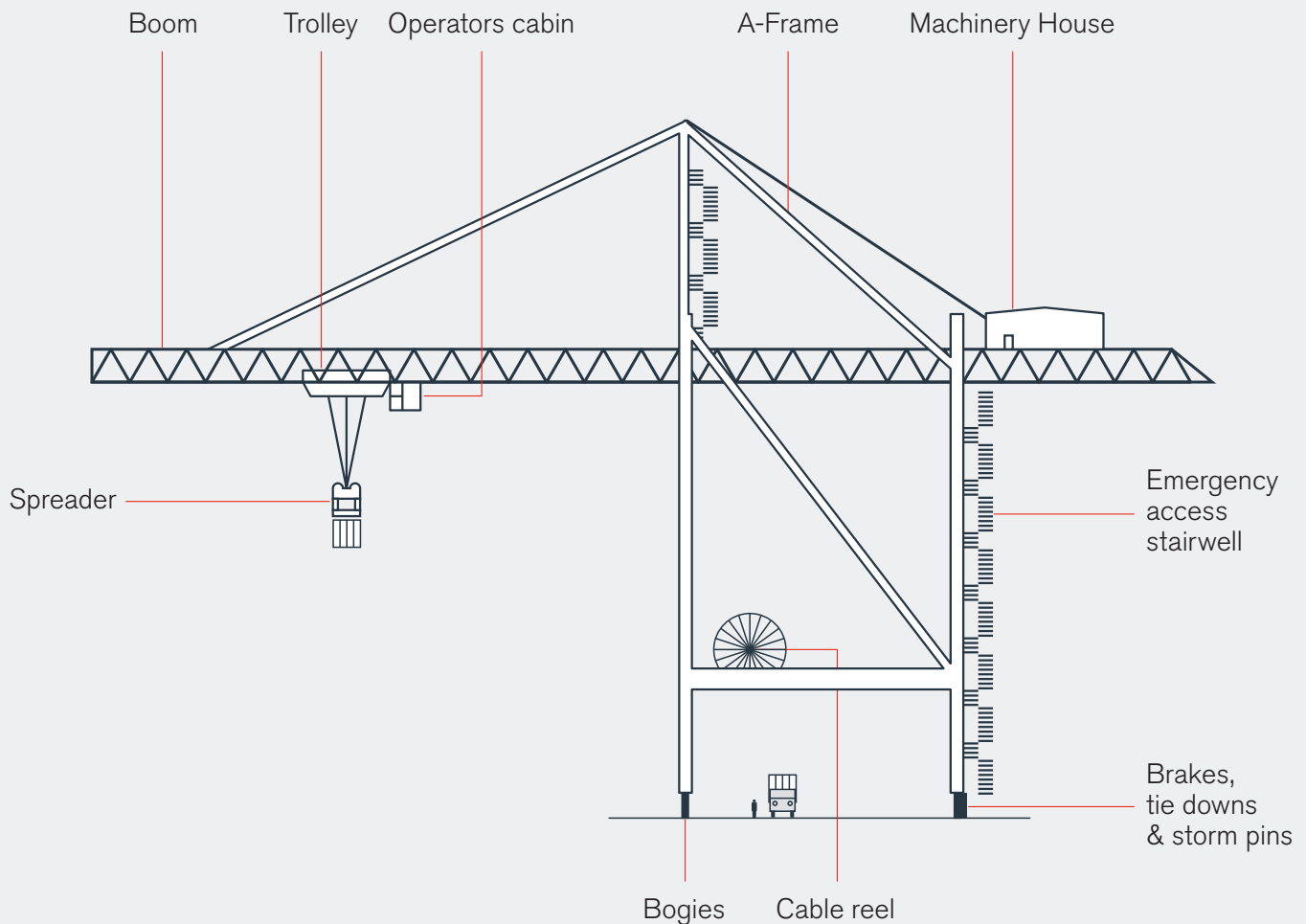


Critical assets

Ship-to-Shore crane



Also Known As (AKA)

- Gantry crane
- Ship to Shore (STS)
- Portainer
- Quay Crane

Risk areas/typical claims

- Collision with ship or ship's crane
- Collision with vehicles
- Fire
- Wind storm

Leading manufacturers

- ZPMC
- Liebherr
- Mitsui/Paceco
- Doosan Enerbility
- Kalmar

Key Attributes

Drive system: Electric
high-voltage or
diesel dependant

Weight: 1000–1200 tonnes

Lift capacity: 40–120 Tonnes

Cost: US\$10–12 million

Service life: 20–25 years

Lead time: 2 years

Safety features

- Anti-trailer lift
- Snag-load detection
- Fire suppression
- Anti-collision sensors (travel & boom)
- Storm pins
- Tie-downs
- Weather monitoring
- Anti-sway hoist
- Emergency egress