



- Stainless control panels NEMA 4X with anti-condensation heater and thermostat
- Acid resistant paint
- Festoon-less crane using enclosed power track with sealing lip
- Hoist motor is IEEE 841 inverter duty motor with anti-condensation heater and IP65 brake
- Trolley motors are IP55, inverter duty with self-locking worm gearboxes
- True vertical lift

Hoist:

- Closed loop flux vector drive with motor & brake providing load floating at 0 hz.
- 0 hz. speed control for precise positioning and stopping without motor fatigue
- 100% dynamic braking with regenerative converter
- Over weight protection through frequency drive with 3% accuracy

Trolley:

- Open loop frequency drive with dynamic braking
- Motor overload protection through frequency drive
- Upper and lower limits set through drive
- Rope guide with bronze rolling element

Bridge:

- 12" (30cm) wheel end-trucks
- Open loop frequency drive with dynamic braking
- IEEE 841 motors with heater and IP66 brakes
- Controls include 5Hp VFD, 80A mainline with disconnect and circuit breaker, 250 VA control transformer