

FD Elan Hi-rail OCS maintenance truck



OCS maintenance with panache

OPTIMIZED OPERATIONS

- Fully independent module
- Turret mount 180° rotation capacity
- Command post at each workstation
- Driverless operations from workstation between 0 to 10 km/h

STEERACTIVE SYSTEM (optional)

- Designed to allow perfect steering in short curve radius of 15m00 / 49'

RAILGEAR RELIABILITY

- Much safer than guide wheel systems
- Reduces considerably derailment risks
- Much more effective in bad weather conditions
- Excellent reliability and low maintenance

BI-DIRECTIONAL TRACK SPEED

- From Creeper drive to 40 km/h (25 mph) in both directions

Truck Chassis

- Peterbilt M320 or other
- Diesel engine,

Mounted Neotec Elan -C module

• Scissor Platform

Deck floor dimensions (length extension In/out x width) :
 2,5 x 1,1 x 1,2 m (8,2 x 3,6 x 3,9 ft)
 Maximum floor height from rail-track: 5.25 m (16,4 ft)
 Hydraulic lateral extension deck: 2.10 m (6,56 ft)
 Hydraulic vertical elevation step: 1.00 m (3,28 ft)
 Maximum lifting load: 3 operators or 350 kg (772 lbs)

• Lifting Basket

Maximum lifting load: 1 operator or 200 kg (441 lbs)
 Rotation from the track axis (side / midway) : - 90° / + 38°

Multiple Articulated crane mount options

- From truck body
- From Elan module

Equipotentiality mast

- Sets equipotent bonding between vehicle and catenary in total security.

Railgear

- NEOTEC hydrostatic 14.32 *SteerActive optional*
- 25" wheel diameter
- Creeper drive
- Speed on track up to 40 km/h (25 mph)

Hitch

- 40 Ton Pintle Hitch & trailer socket
- Front & rear coupler with 280,000 lbs shunting power
- Train air brake system

Other equipments

- Standard railway security equipments
- Day-night back-up camera
- Radio communication plugin ready
- Power outlets
- Air compressor
- 5-10 gallons hydraulic port & 50' hose and roller

