

PROTECTOR® X SLIMLINE

COMPACT, WALL MOUNTED FRICTION MANAGEMENT SYSTEMS

What is a PX SL?

- PROTECTOR® X SLIMLINE (PX SL) cabinets are *compact*, wall mounted, trackside, friction management systems.
- The system can be used with *KELTRACK*® friction modifier or L.B. Foster approved greases for Top of Rail or Gauge Face application, respectively.
- The system is *controlled* by the Digital Control Box (DCB) and can be powered by either a 12VDC solar panel or by a 115-230V AC single phase supply
- PX SL cabinets can be used in conjunction with L.B. Foster track mounted parts to provide *optimal* system performance.

Typical System Layout

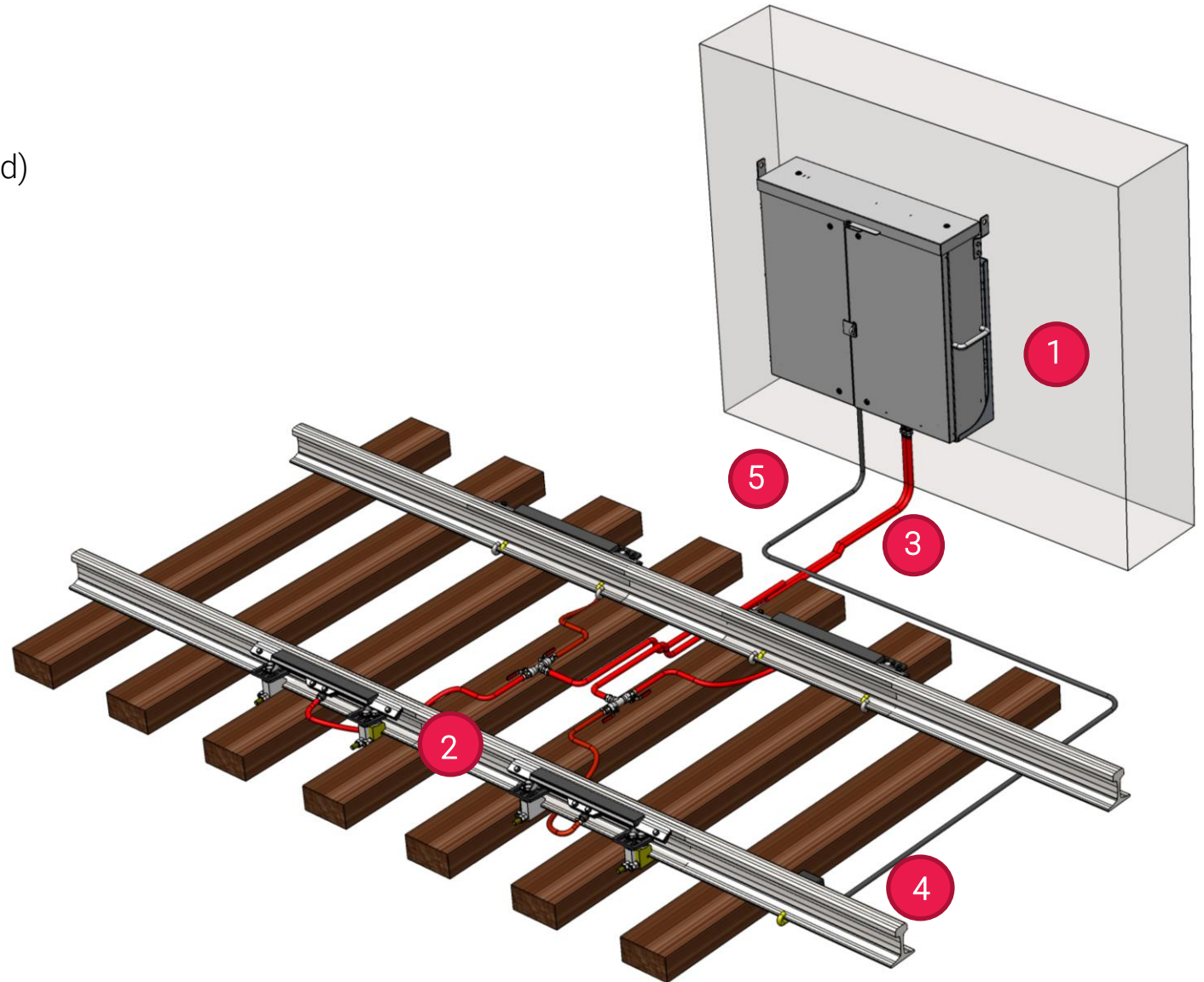
(1) PROTECTOR® X Slimline Cabinet (Wall Mounted)

(2) Top of Rail Applicator Bars (Rail Mounted)

(3) KELTRACK® Distribution Hoses

(4) Smart Wheel Sensor (Rail Mounted)

(5) Sensor Cable



Cabinet Appearance - SL70

(1) Hinged Access Panels

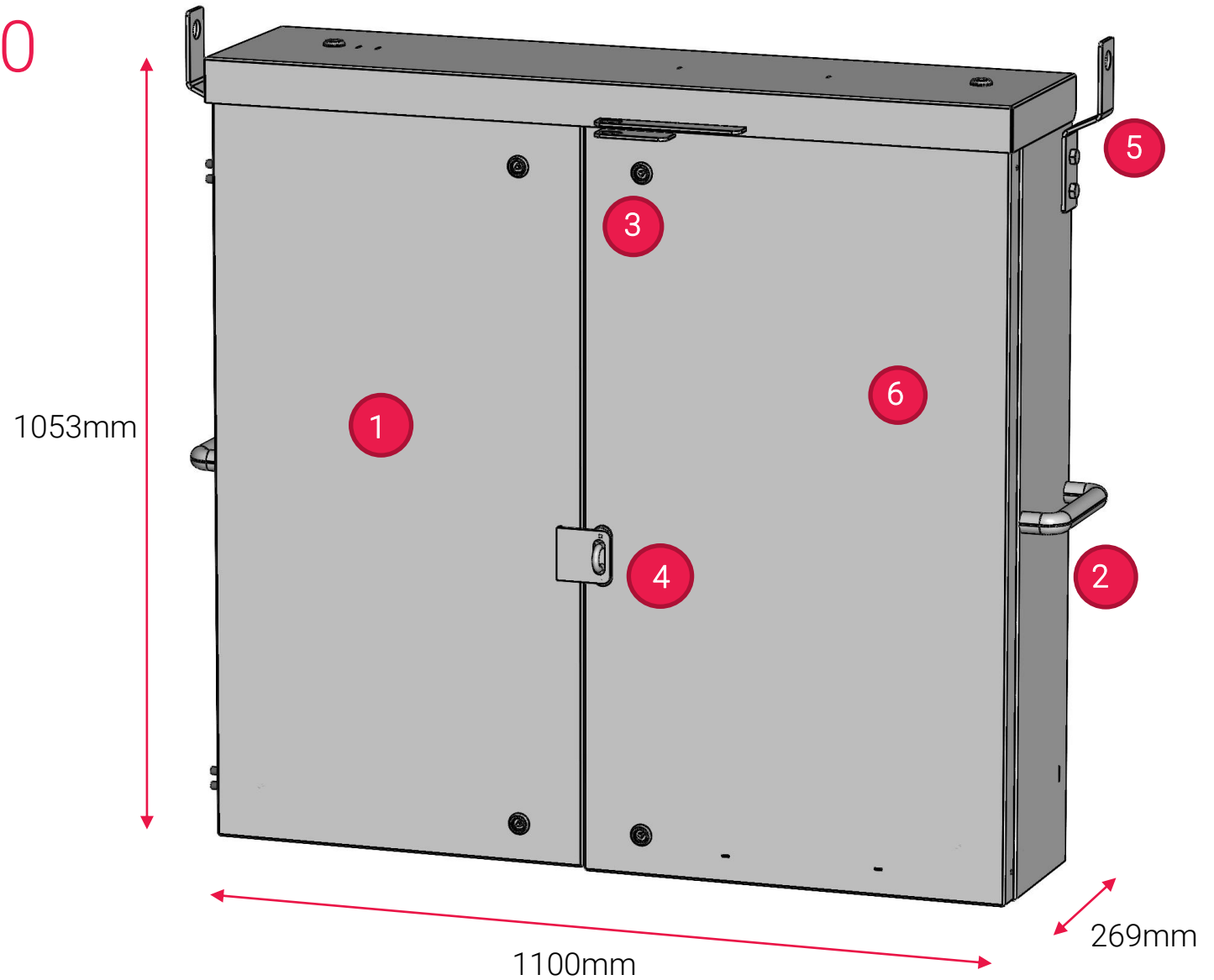
(2) Lifting Handles

(3) Security Latches

(4) Padlock Provision

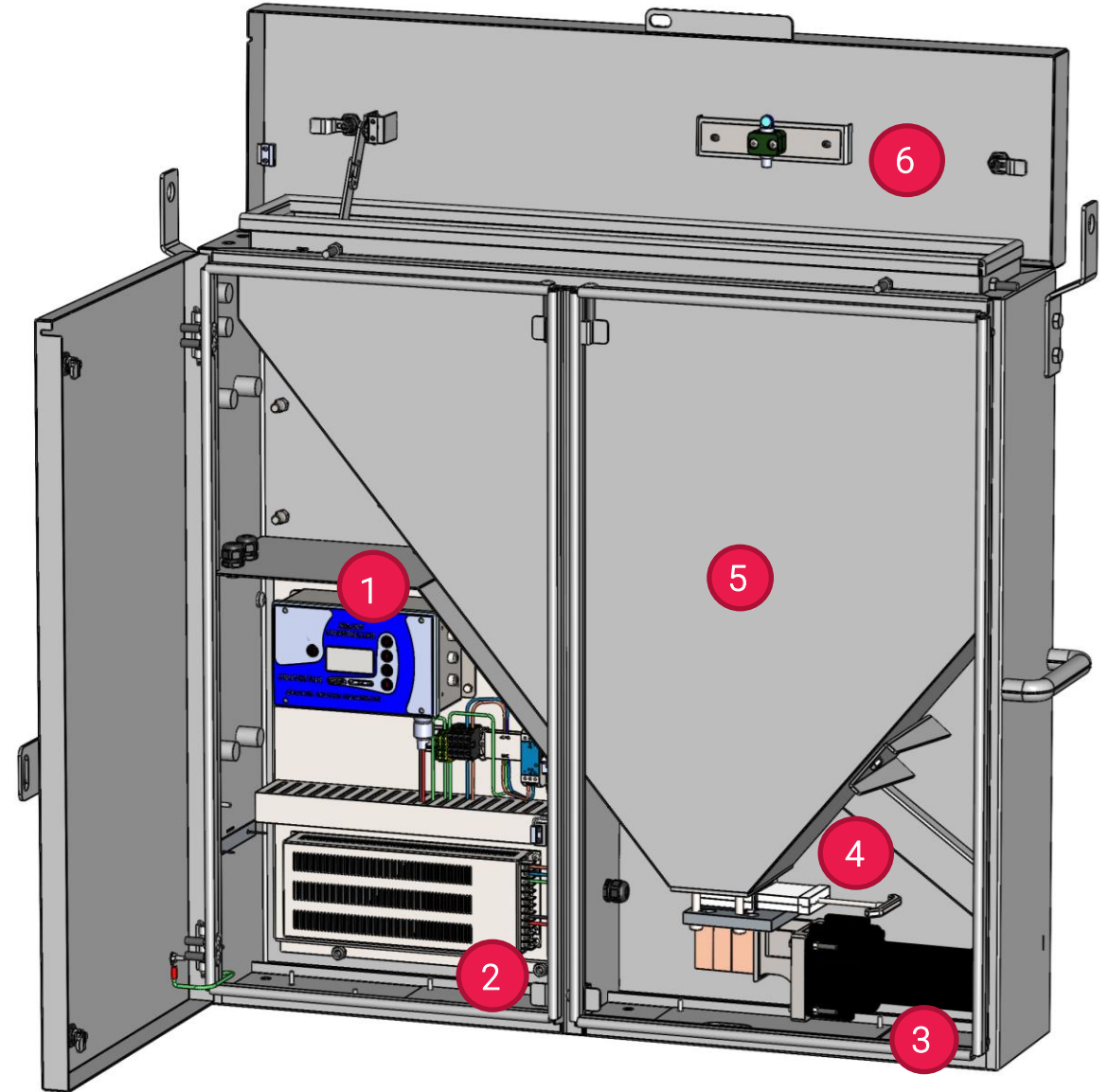
(5) Overhead Lifting Eyes

(6) Stainless Steel Powder Coated Carcass



Cabinet Layout - SL70

- (1) Digital Control Box II (DCBII)
- (2) AC-DC Power Supply
- (3) Gear Pump and 12VDC Motor
- (4) Manually Operated Gate Valve
- (5) Product Hopper 93L (Max Capacity)
- (6) Remote Performance Monitoring (RPM) Level Sensor



Cabinet Appearance - SL300

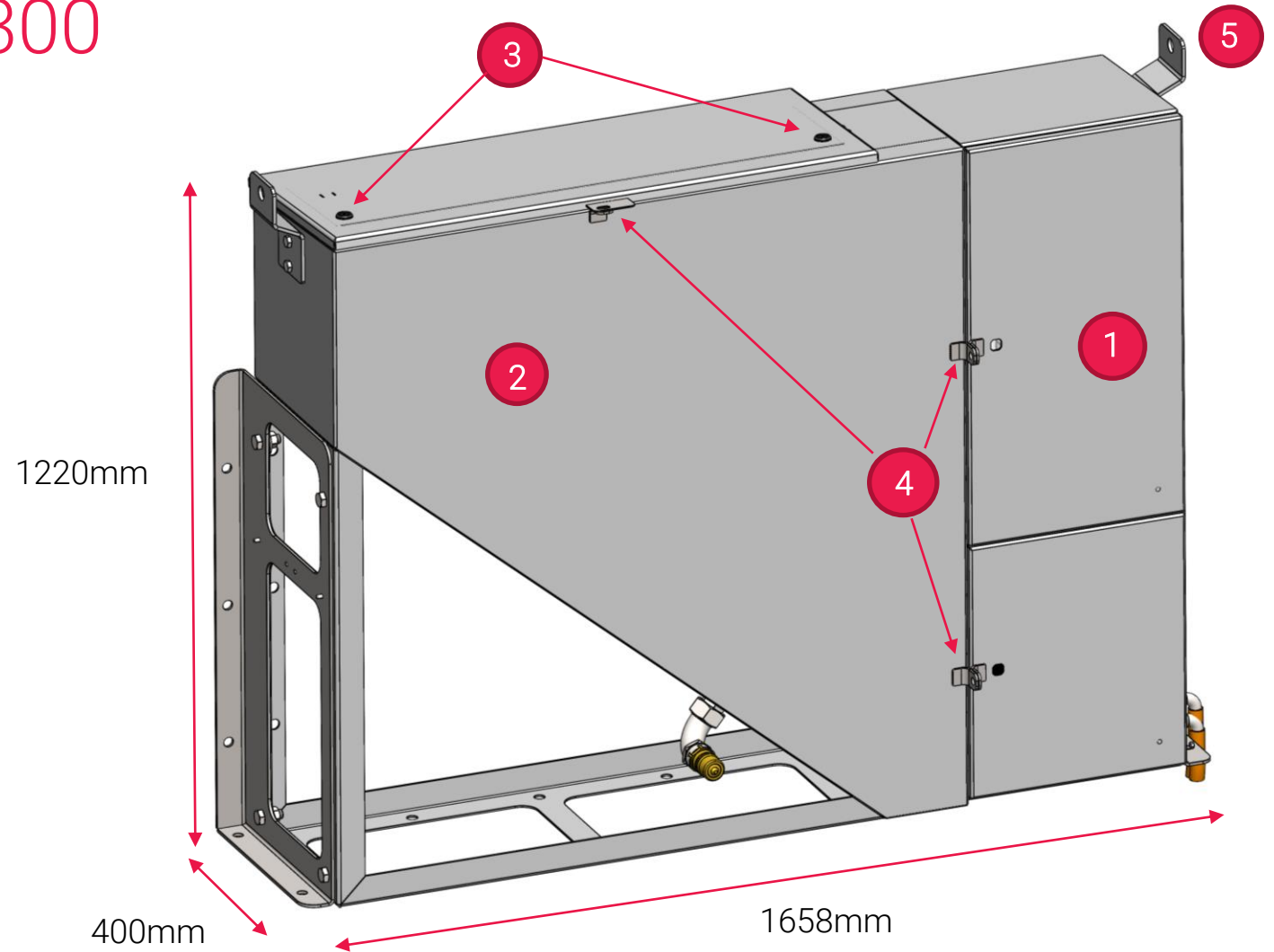
(1) Hinged Access Panels

(2) Stainless Steel Powder Coated Carcass

(3) Security Latches

(4) Padlock Provision

(5) Overhead Lifting Eyes



Cabinet Layout - SL300

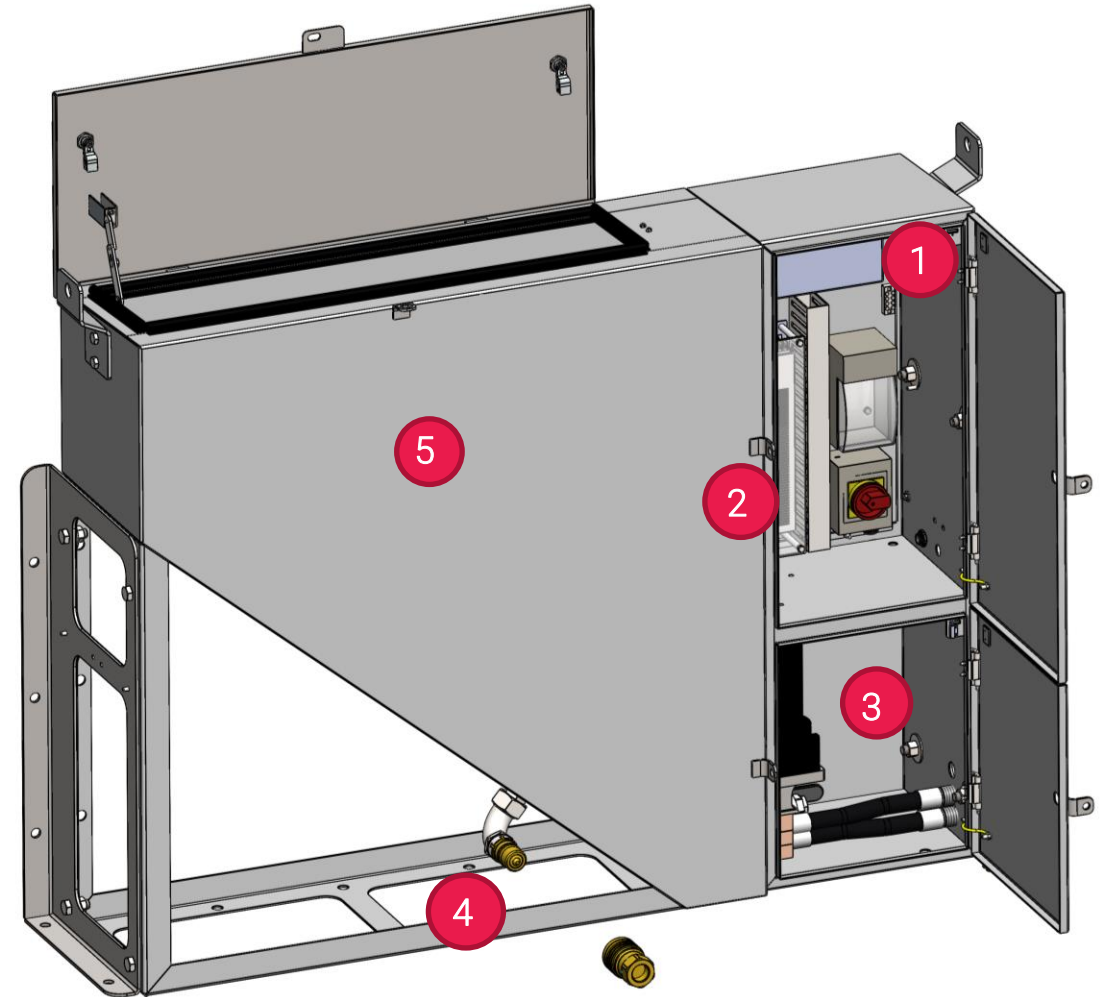
(1) Digital Control Box II (DCBII)

(2) AC-DC Power Supply

(3) Gear Pump and 12VDC Motor

(4) Bottom Filling Valve and Coupler

(5) Product Hopper 270L (Max Capacity)



Features and benefits

FEATURES	ADVANTAGES	BENEFITS
Compact / Wall Mounted	Ideal for tunnel installations where space constraints are tight	Site FM hardware closer to target area
Base Connections	Ideal for embedded rail applications – concealed services	Security / urban aesthetics
Gear Pump Mounting Position	Optimal location for product utilisation	Increase filling intervals

Thank you