



DAVRAIL
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XO Beam
Switch & Crossing Panel System



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XO Beam Switch & Crossing Panel System Specifications

Features and Benefits

- **19,840lbs/9 tonnes lifting capability per machine.**
- A fully loaded Lifting System can **turn in any direction** while in motion.
- **Variable track width** allows access and use in narrow environments like bridges, tunnels, and below grade.
- Ideal for removing and installing turnouts and panels on both **single line and multiple line systems.**
- Can **easily cross multiple tracks.**
- **Compact size and maneuverability** enables easy transportation, and rapid deployment to and from site.
- **Fully adjustable** lifting beam setup.
- Designed to **work in multiples** to handle any gauge, or composition of track panel.
- Can safely perform work at **gradients of up to 11°.**
- Self recovery in the event of engine failure.
- **12,566lbs base weight per machine.**
- 26 Gallons Typical for 2 typical 10 hour shifts.
- Lift Plan provided.



Machine Data	Imperial	Metric
Track Gap	150 in - 205 in	3800 mm - 5200 mm
Vehicle Height	118 in - 162 in	3002 mm - 4102 mm
Vehicle Width	182 in - 244 in	4623 mm - 6198 mm
Track Width	12 in	300 mm
Track Height	26 in	670 mm
Track Length	113 in	2874 mm
Machine Tare Weight	12,566 lbs	5.7 tonnes
Gross Vehicle Weight	40,124 lbs	18.2 tonnes
Main Ram S.W.L.	19,840 lbs	9 tonnes
Leg Vertical Travel	45 in	1150 mm
Leg Horizontal Travel	55 in	1400 mm
Main Ram Horizontal Travel	+/- 5 in	+/- 125 mm
Main Ram Vertical Travel	30 in	750 mm
Diesel Fuel Capacity	26 gallons	100 liters
Hydraulic Tank Capacity	53 gallons	200 liters
Engine Oil Capacity	10 quarts	9.5 liters
Engine Coolant Capacity	8.5 quarts	8.0 liters



Dimensions

XO Lifting Beam



XO Frame Upgrade

