

OVERVIEW

The Olympian W1800 Dual Lane Drive-Over Truck Unloader is engineered to receive bulk materials directly from trucks and wheel loaders for on-ward conveying to ship loaders, stackers, fixed plant and further material handling equipment. Its dual lane configuration reduces truck cycle times, increases site throughput and provides a flexible alternative to conventional truck dump facilities.



SPECIFICATION

- Production rates of up to **1,200 TPH** (1,320 Ton/hr).
- 1800mm (72") wide EP630, 4-ply feeder belting.
- 16m heavy-duty lattice frame incline conveyor.
- Working angle 14° to 17°.
- Discharge height up to 6.1m (20ft)
- Twin 37kW electric wrap drive system.

ADVANTAGES

- Dual lane design reduces truck cycle times and maximises throughput.
- Receives up to 20m³ truck payloads per lane.
- Accepts wheel loader payloads up to 8m³.
- Eliminates material double handling.
- Reduces operating costs and wheel loader dependency.
- Easily relocated around site using fifth wheel coupling.
- Suitable for rear tip, truck & dog and bottom discharge trucks.

APPLICATIONS

- Truck unloading and bulk material transfer.
- Feeding ship-loading equipment in port terminals and export facilities.
- Stockyard management
- Feeding fixed plant and overland conveyors.
- Raul wagon loading systems.
- Coal, ores, fertilisers and biomass.
- Aggregates, woodchips, mulch and cement clinker.



OLYMPIAN W1800

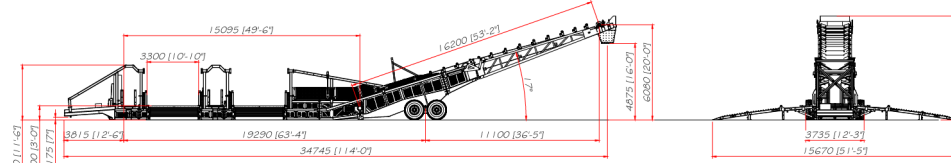
DRIVE OVER TRUCK UNLOADER



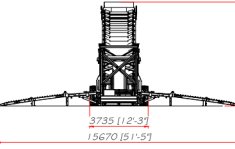
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17°- Operational

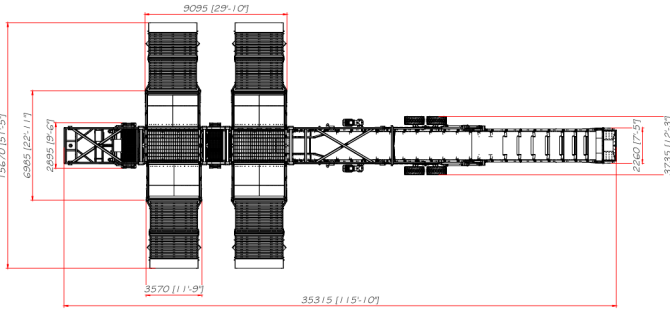
Side View



Rear View

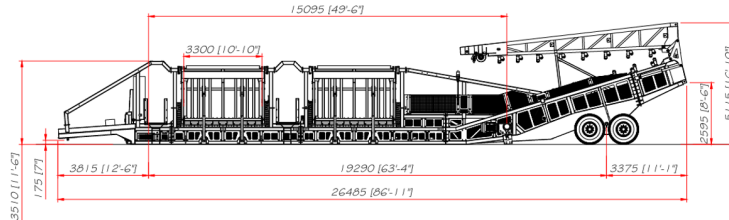


Plan View

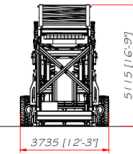


Transport

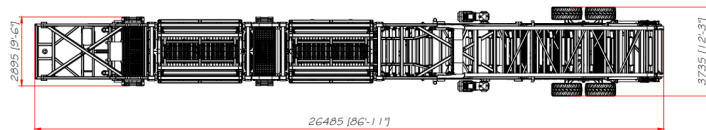
Side View



Rear View



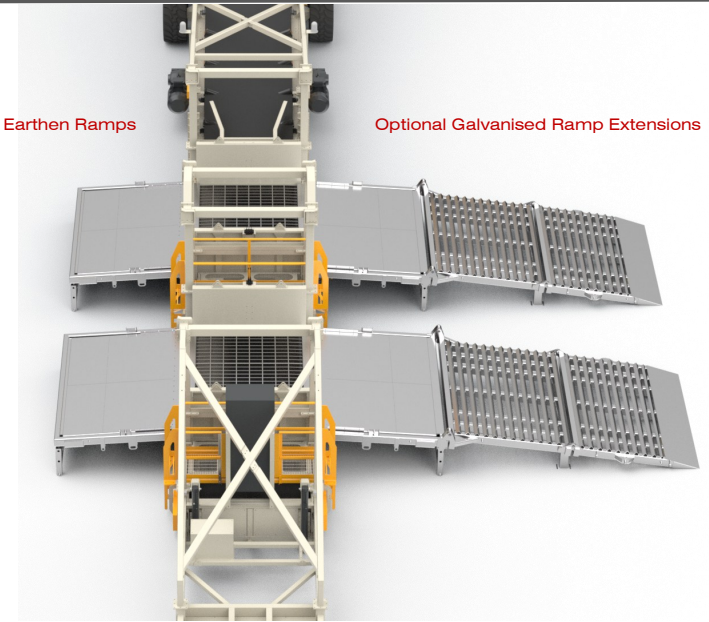
Plan View



Transport Dimensions		Metric	Imperial
Transport Length (Head Folded)		26.5	86' 11"
Transport Width		3.7m	12'3"
Transport Height (Head Folded)		5.1m	16' 9"
Transport Weight, Standard Earthen Ramps		~46,300 Kg	~102,074 Lbs
Transport Weight, Including Optional Ramps		~52,500 Kg	~115,743 Lbs

Standard Earthen Ramps

Optional Galvanised Ramp Extensions



Optional Head Chute

