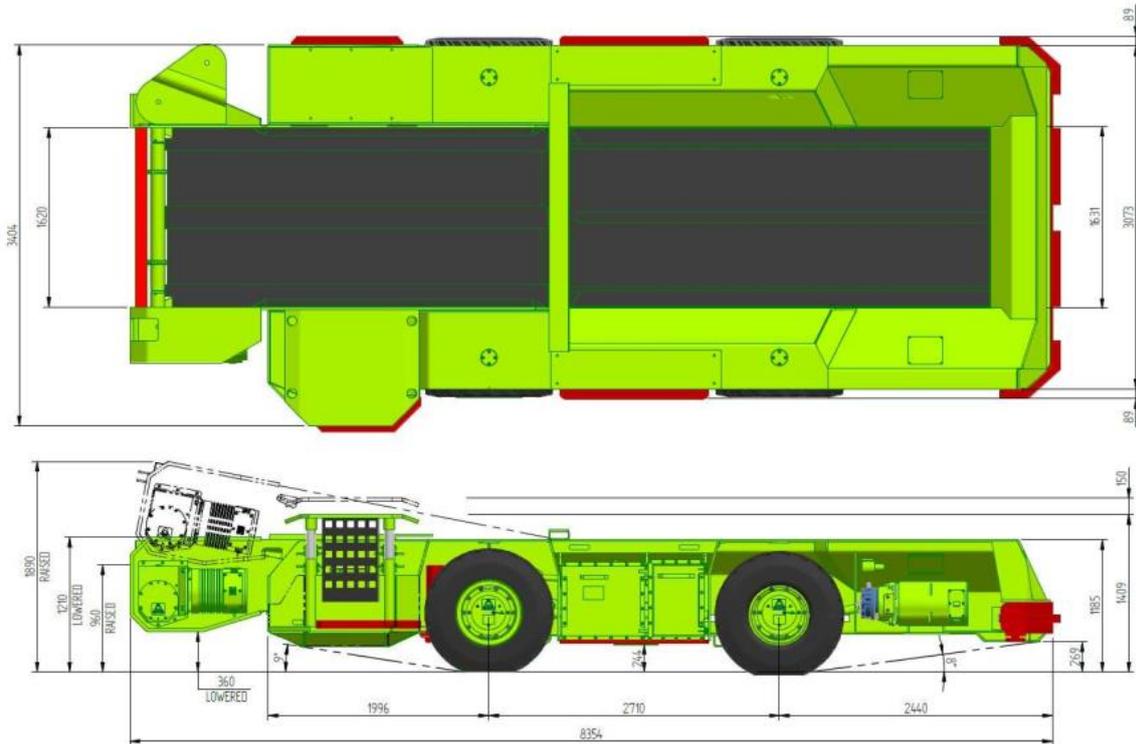


JAE Shuttle Car

Our product:

The shuttle car was predominantly designed around the highly successful and industry proven JAE shuttle car gearbox design philosophy. The shuttle cars offer lower operating cost and superior product life. JAE has provided a full system solution with enhanced body life design and associated components with the assistance of various customer inputs.

For those customers that are not completely convinced of the benefits of our VSD DC drive offering an AC VFD is also available upon request.



Technical specification:

SHUTTLE CAR	JAE14	JAE16	JAE20
Rated Load Capacity	14 tonne	16 tonne	20 tonne
Machine Weight (unloaded)	22000kg	25000kg	30000kg
Total Vehicle Height	1.40m	1.40m	2.20m
Chassis Height (w/o canopy)	1.29m	1.37m	1.50m
Vehicle Length	9.3m	9.3m	9.5m
Vehicle Width over frame	3.2m	3.4m	3.4m
Conveyor Width	1.22m	1.42m	1.42m
Ground Clearance	270mm	270mm	320mm
Installed Power	98kW	98kW	154kW
Conveyor	1 x 26kW AC	1 x 26kW AC	2 x 26kW DC
Hydraulic Pump	1 x 20kW AC	1 x 20kW AC	1 x 22kW AC
Traction VVVF AC	n/a	n/a	n/a
Traction VSD DC	2 x 26kW DC	2 x 26kW DC	2 x 40kW DC

Tram Speed	10km/h	10km/h	10km/h
Tyre Size	14.0 R20	14.0 R20	17.5 R25
Ground Pressure (Tyre Dependent)	9.5kg/cm ²	10kg/cm ²	10.5kg/cm ²
Discharge time	45sec	45sec	45sec