



Strengthening Forces Around the Globe

Proven Performance

Ever since Allison fully automatic transmissions made their first appearance in military ground vehicles more than 65 years ago, Allison has reliably moved equipment and troops with more than 100 applications in both tracked and wheeled vehicles.

With more than 600,000 Allison-equipped vehicles produced, Allison Transmission is known as the manufacturer of the world's best propulsion systems for military vehicles. That reputation is vital today with the need for improved mobility, while not sacrificing any other aspect of vehicle operation.

More uptime with Allison Automatics means crews have more time to spend on training and this translates to increased mission readiness. Plus, when the vehicles are called into action, commanders can remain confident that their Allison transmission will assist them in completing their missions.

Advantages of an Allison Automatic

Improved Performance

- Improved maneuverability due to superior gradeability and startability
- Precision mission execution via optimum braking and steering

Reduced Operating + Support Costs

- Improved acceleration and fuel economy due to Allison Continuous Power Technology™
- Increased uptime via unmatched reliability and exceptional driveline protection
- Increased safety and enhanced driver alertness due to less demands on the driver
- Reduced training time due to ease of operation

Advantages of The Allison X1100-5A

Full authority, electric-over-hydraulic controls provide:

- Fully automatic range and lock-up shifts
- Range hold and range shift inhibits
- Mode retention with loss of electrical power
- Battle damage range override

Integrated brakes:

- Oil-cooled, power-assisted service brakes
- Independent park and emergency brake actuation

Integrated differential steering:

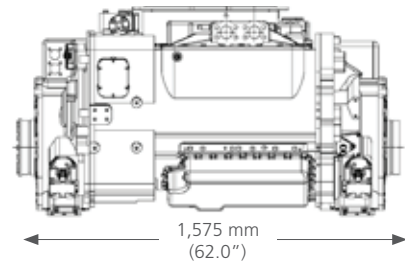
- Output driven
- Hydrostatically controlled
- Infinitely variable
- Smooth and predictable control under all conditions
- Locked track protection

High-speed reverse

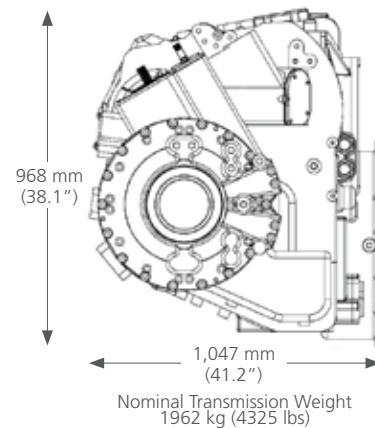
Integration flexibility and full design capability for customized applications

X1100-5A Specifications

Top View



Side View



X1100-5A Features

Feature	Description
Engine Power	895 kW / 1200 hp
Width	1575 mm / 62 in
Length	1047 mm / 41.2 in
Height	968 mm / 38 in
Powertrain	Conventional
Dry Weight	1962 kg / 4125 lbs
Vehicle Weight	45 - 65 tonne / 50 - 75 ton
Gearing	4 forward, 2 reverse
Mechanical Ratio	4.6:1