



Strengthening Forces Around the Globe



A Powerful Partner

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

- 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
- Improved acceleration and fuel economy due to Allison Continuous Power Technology™

Advantages of The Allison 3040 MX™

Low cost, commercially based electronic controls provide:

- Fully automatic range and lock-up shifts
- Range hold and range shift inhibits
- Mode retention with loss of electrical power
- Full complement of shift inhibits based on vehicle needs
- Integrated diagnostics
- Battle damage range override
- Integrated tow starting
- Easy adaptation to multiple engines

High-speed reverse

Integrated differential steering:

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

Integrated brakes:

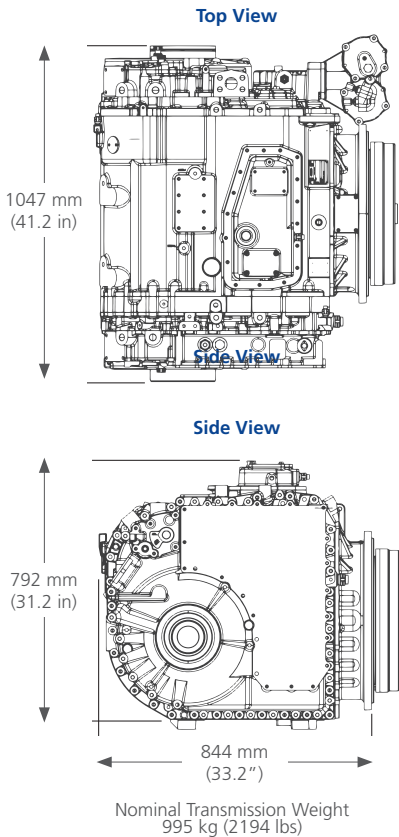
- Oil-cooled, power-assisted service brakes
- Independent park and emergency brake actuation

Integration flexibility and full design capability for customized applications

3040 MX™ Features

Feature	Description
Engine Power	600 kW / 800 hp
Width	1047 mm / 41.2 in
Length	844 mm / 33.2 in
Height	792 mm / 31.2 in
Powertrain	Conventional
Dry Weight	975 kg / 2150 lbs
Vehicle Weight	36 Tonne / 40 Ton
Gearing	4 Forward, 2 Reverse
Mechanical Ratio	4:8:1
PTO Mounting	One, Input Driven

3040 MX™ Specifications



One Allison Way
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Information or specifications subject to
change without notice or obligation.

allisontransmission.com

SA8865EN (2024/09)

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