



# Allison Delivers Lower Cost of Ownership

You can't put a price on your reputation. That's why Allison builds in the long-term value that keeps you on the road and on the job. We know you have a choice. And while trucks with manual and automated manual transmissions (AMTs) may initially cost less than trucks equipped with Allison fully automatic transmissions, they typically cost more over time in maintenance and downtime.

# Electrifying the Future

We're passionate about moving transit technology forward and evolving vehicles into full electrification. Our proven conventional and H 40/50 EP<sup>TM</sup> electric hybrid transmissions, enhanced eGen Flex<sup>TM</sup> electric hybrid and expanding fully electric axle technologies can help give your fleet greater range, fewer emissions, increased power and more. If you're ready to drive into the future, do it with an Allison.

TRANSGOURMET

Smoother And Cleaner Drive
With Natural Gas (CNG)

Improved Driver Comfort **Superior Uptime** 

**Lower Maintenance Cost** 

Higher Resale Value

More Deliveries / Day

Iveco Stralis CNG 3000 Series™





## Distribution Ratings

Model	Vocation	Ratio	Gross Input Power	Gross Input Torque	Net Turbine Torque	Gross Input Power	Gross Tore	Input que	Net Turbine Torque	Max GVW	Max GCW
			Wit	n Torque Manag	gement	v	Without Torque Management				
			kW (hp)	N•m (lb-ft)	N•m (lb-ft)	kW (hp)	hp) N•m (lb-ft) N•m (lb		N•m (lb-ft)	lbs (kg)	lbs (kg)
1000 1000xFE	Distribution General	Close	224 (300)	780 (575)	1152 (850)	254 (340)	895 (	(660)	1288 (950)	9000 (19,850)	11,800 (26,001)
1350 1350xFE	General	Close	224 (300)	780 (575)	1152 (850)	254 (340)	895 (660)		1288 (950)	9000 (19,850)	13,600 (30,000)
2100 2100xFE	Distribution General	Close	224 (300)	780 (575)	1152 (850)	254 (340)	895 (660)		1288 (950)	12,000 (26,500)	12,000 (26,500)
2200 2200xFE	Distribution General	Close	224 (300)	780 (575)	1152 (850)	254 (340)	895 (660)		1288 (950)	11,800 (26,000)	11,800 (26,001)
2500 2500xFE	Distribution General	Wide	224 (300)	780 (575)	1152 (850)	254 (340)	895 (	(660)	1288 (950)	15,000 (33,000)	15,000 (33,000)
2550 2550xFE	Distribution General	Wide	224 (300)	780 (575)	1152 (850)	224 (300)	895 (	(660)	1288 (950)	13,600 (30,000)	13,600 (30,000)
3000	Distribution General	Close	254 (340)	1261 (930)	2169 (1600)	n/a	n	⁄a	n/a	n/a	n/a
3200	Distribution General	Close	276 (370)	All Gear Ranges 1491 (1100)	2169 (1600)	276 (370)	Gears 1-2 1491 (1100)	Gears 3-6 1695 (1250)	2169 (1600)	n/a	n/a
3500	Distribution General	Wide	246 (330)	1166 (860)	1925 (1420)	246 (330)	Gears 1 1166 (860)	Gears 2-6 1424 (1050)	1966 (1450)	n/a	n/a
3700	Distribution General	Close	205 (275)	990 (730)	1830 (1350)	n/a	n,	′a	n/a	n/a	n/a
4000	Distribution General	Close	421 (565)	All Gear Ranges 2400 (1770)	3525 (2600)	421 (565)	Gears 1-2 2400 (1770)	Gears 3-6 2508 (1850)	3525 (2600)	n/a	n/a
4430	Distribution General	Wide	283 (380)	1560 (1150)	3322 (2450)	n/a	n/a		n/a	n/a	n/a
4440	Distribution General	Wide	317 (425)	1776 (1310)	3322 (2450)	n/a	n/a		n/a	n/a	n/a
4500	Distribution General	Wide	421 (565)	All Gear Ranges 2237 (1650)	3322 (2450)	n/a	n/a		n/a	n/a	n/a

<sup>\*</sup> With 3000-3200-3500-3700, 4430, 4440, 4500 models, 600 rpm if dual PTOs are used similtaneously
\*Note with 4000-4500 models, if equipped with the ground-diven steering pimp provision, the maximum N/v is 28.57 rpm/kph (46.00 rpm/mph)

# Gear Ratios Torque Converter Multiplication Not Included

Model	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Reverse	2nd Reverse
1000¹/1350¹/2100¹ 2200¹/2300¹/2350	3.10:1	1.81:1	1.41:1	1.00:1	0.71:1	0.61:12		-4.49:1	
25001/25501	3.51:1	1.90:1	1.44:1	1.00:1	0.74:1	0.64:12	_	-5.09:1	
3000	3.49:1	1.86:1	1.41:1	1.00:1	0.75:1	0.65:1		-5.03:1	
4000	3.51:1	1.91:1	1.43:1	1.00:1	0.74:1	0.64:1	_	-4.80:1	
4500	4.70:1	2.21:1	1.53:1	1.00:1	0.76:1	0.67:1		-5.55:1	
4700	7.63:1 <sup>2</sup>	3.51:1	1.91:1	1.43:1	1.00:1	0.74:1	0.64:1	-4.80:1	-17.12:1 <sup>3</sup>

1 Available with xFE. 2 Check with your OEM to ensure offerings. 3 SEM/LRTP or LRTP only is required.

## Features + Advantages

<u>Shift Energy Management (SEM) with torque limiting</u>
Ratings up to 254 kW/895 N•m on the 1000, 1350, 2100, 2200, 2350, 2500 and 2550.

Ratings up to 272 kW/691 N•m on the 2300.

Ratings up to 276 kW/1695 N•m on the 3000.

Ratings up to 433 kW hp/2508 N•m on the 4000 and 4500.

## FuelSense 2.0® with DynActive® Shifting

New innovative shift scheduling uses an algorithm to choose the most efficient shift point, based on specs, vehicle and environmental parameters.

Automatically eliminates the transmission load on the engine when the vehicle is at a full stop to save fuel and reduce overall vehicle emissions.

### Acceleration Rate Management

Mitigates aggressive driving by controlling engine torque based on the vehicle's grade

## Oil Level Sensor

At the push of a button, oil levels are displayed on shift selectors for easy identification. Standard on the 3000, 4000 and 4500.

## Deep oil pan/sump standard

Optional shallow oil pan available on the 1000 and 1350.

Eliminates unnecessary oil and filter changes by monitoring various operating parameters to determine and alert when a specific maintenance function is required.

Notes		

"Allison's torque converter provides a continuous power transmission to the drive wheels, without power loss at the moment of gear change. It also means

# faster acceleration, which means more deliveries

per day than with the other gearbox solutions."

Hakan Grann I CEO. H. Grann Åker



## **Our Promise**

Provide the most reliable and valued propulsion solutions in the world to enable our customers to work more efficiently.

- Trusted by more than 300 OEMs worldwide
- A strong history of innovation with more than 1,000 patents
- Improved fuel economy with FuelSense® 2.0 with DynActive® Shifting technology
- Over seven million fully automatic transmissions delivered

## A World of Support

From our headquarters in Indianapolis, Indiana, USA, to our plants in Hungary and India, to approximately 1,500 Allison Authorized Distributors and Dealers around the globe, you are never far from the products, training, service and support you demand.

Our support starts from the moment an Allison transmission is specified. We work with you to ensure that the model and ratings fit your engine to create a tailored package of powerful performance and reliable efficiency. When you need parts or service, you can count on global access to factory-trained specialists and Allison Genuine Parts<sup>TM</sup>.



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