






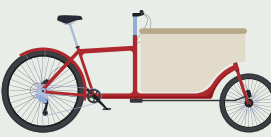


GA Lineup

JATCO e-Assist Bicycle 2-in-1 Drive Unit

	 REAR unit Rear unit minimizes frame changes. Ideal for light riding models.		 CENTER unit CVT (continuously variable transmission) + high torque
Model	GA30 	GA45 <i>Coming soon</i> 	GA-X Concept 
Gear Shift	Internal 3-speed		CVT (continuously variable transmission)
Drives	Chain		Chain / Belt
Brakes	Rim		Rim / Disc / Roller
Regenerative	—		Configurable
Applicable Vehicles	 Sports  City  Mini Velo  Folding		 MTB  Cargo

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JATCO Korea Service Corporation	Lotte IT Castle 2-4F, 98, Gasan digital 2-ro, Geumcheon-gu, Seoul 08506, Korea	TEL +82-2-6443-7400
JATCO (Guangzhou) Automatic Transmission Ltd.	NO.8, Lihong 2 Road, Science City, Guangzhou Hi-Tech Industrial Development Zone, Guangzhou, Guangdong, 510530, China	TEL +86-20-8226-7338
JATCO France SAS	ZAC des Godets - Batiment C, 1-4 Impasse de la noisette, 91370 Verrières le Buisson, France	TEL +33-1-69-32-71-50

INQUIRIES <https://www.jatco.co.jp/english/inquiry/>



GA

JATCO e-Assist Bicycle 2-in-1 Drive Unit



Integrated transmission mechanism and motor 2-in-1 drive unit



GA Technological Story

JATCO e-Assist Bicycle 2-in-1 Drive Unit

Technology for e-Assist Bicycle



Development of 2-in-1 Drive Unit

The 2-in-1 drive unit proposed by JATCO integrates "Gear-shift" and "Motor-assist" functions. High-precision planetary gears and layout technology realize a high-performance drive unit that provides comfortable riding !

Motor side

Motor Assist

Gear side

Reduction Gear

Planetary Gear

Clutch

Technology for Automotive



Development and Manufacturing of Automotive Transmissions

JATCO has been developing and manufacturing automotive transmissions (AT & CVT) for over 50 years. And now, we provide high quality drive units for electrically power assisted vehicles by utilizing our development and production technologies. We provide high quality drive units for electrically power assisted vehicles.

Reduction Gear

Planetary Gear

Clutch

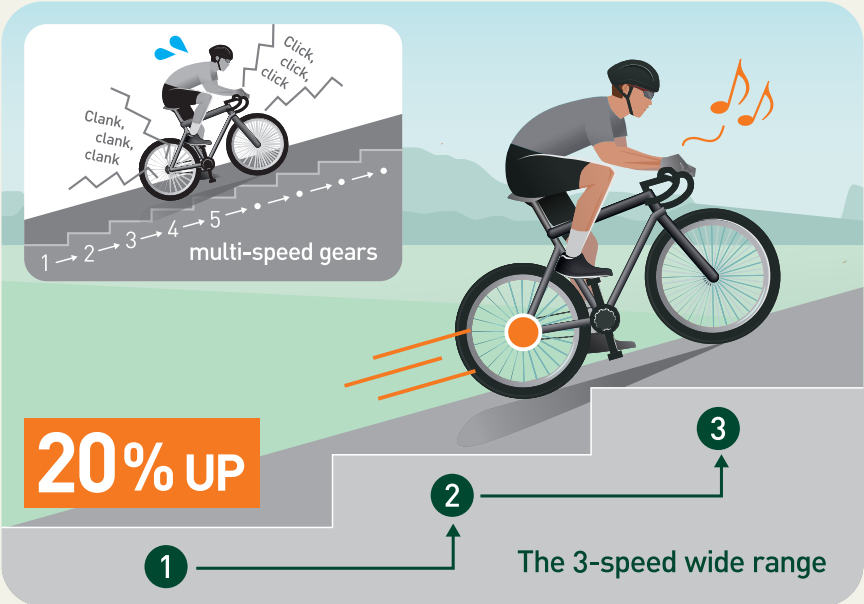
GA Value

JATCO e-Assist Bicycle 2-in-1 Drive Unit

POWERFUL

Industry-leading wide gear ratio.

Achieves a 20% wider gear ratio compared to other companies' products. The 3-speed wide range design allows you to easily climb hills with fewer gear changes.



SILENT

20% noise reduction vs competitor

Achieves low noise and high efficiency through optimized gear and drive force transmission mechanisms. Provides a more comfortable riding experience.

