

2019 GTS 300 SUPER TECH

FEATURING VESPA MIA (MY VESPA)

PRODUCT DETAIL



TABLE of CONTENTS

Vespa[®]

1. The Concept
2. Product Feature
3. Product Range and Color
4. Technical Specification
5. Accessory Bluetooth Helmet Speaker



Vespa®



THE
CONCEPT

Sleek upgrades reflective of Primavera and Sprint are striking features of the new GTS range. Now an all new GTS model launches the range into the world of integrated connectivity. The brilliant new SUPER TECH introduces hi-tech features and a new, more powerful, 300cc engine never featured previously on Vespa

INNOVATION

- TFT Smart Dash and smartphone connection
- Navigation system with pictograms
- FULL LED technology

PERFORMANCE

- New 300cc engine liquid cooled: More power with improved top end speed.

DESIGN

- New front shield shape
- New saddle
- New finishing



INNOVATION – CONNECTIVITY VESPA MIA (MY VESPA)

The Vespa GTS SUPER TECH emphasizes its “social” soul by becoming the first “connected” Vespa in the market.

SUPER TECH introduces new features, including navigation and social media connectivity.

The new “VESPA MIA connection system” allows the rider to answer calls, use the smartphone’s voice commands to make calls or play music (via the accessory Bluetooth headset), or to utilize GPS navigation that will show the route on the dashboard, all via the Vespa app, available on app.vespa.com.





INNOVATION – LED TECH

SUPER TECH Features new front and rear LED lights, a modern and elegant solution.

The advanced FULL-LED technology features increased Brightness, Throw and Light Spread for greater road awareness & safety.



PERFORMANCE – NEW ENGINE

The new 300cc HPE (High Performance Engine) features improved performance and increased efficiency over the previous 300cc engine.

The new engine offers greater riding pleasure by perfectly combining more power with reduced fuel consumption.



Vespa[®]

PRODUCT FEATURES

INNOVATION – CONNECTIVITY

The main product features that will give Vespa the technological connectivity are the VESPA MIA connectivity system and the Vespa App

VESPA MIA and Vespa App (downloadable on the Apple Store or Google Play Store) allow the rider to connect, through Bluetooth, the iOS or Android smartphone to the SUPER TECHS on-board electronics.

The Bluetooth helmet has to be connected as well. The riders smartphone features can display information directly onto the dashboard and can manage the smartphone using the "mode" joystick on the handlebar.





VESPA MIA CONNECTIVITY SYSTEM



VESPA MIA functions available on TFT dashboard:

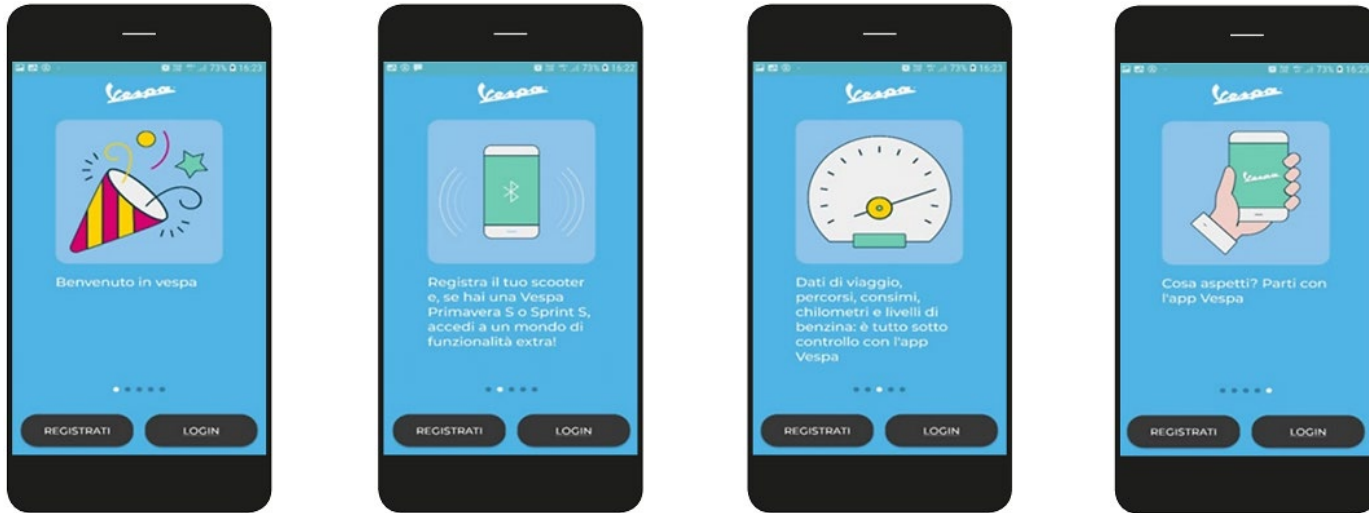
- Call management (accept/reject incoming call, name/number displayed)
- Recall missed calls
- Music management
- Social media notifications
- Navigator by pictogram

Voice and Phone accessibility requires Part Number 606948M

More information on: <http://app.vespa.com/user-manual/>

VESPA APP

The Vespa App allows control over all the connectivity features of the vehicle. The App also enables use of several functions on the standard TFT dashboard.



More information on: <http://app.vespa.com/user-manual/>

TFT INSTRUMENT PANEL



TFT INSTRUMENT PANEL

One of the most advanced instrument panels available on the market, the GTS' TFT panel is characterized by the 4.3-inch full-color LCD panel.

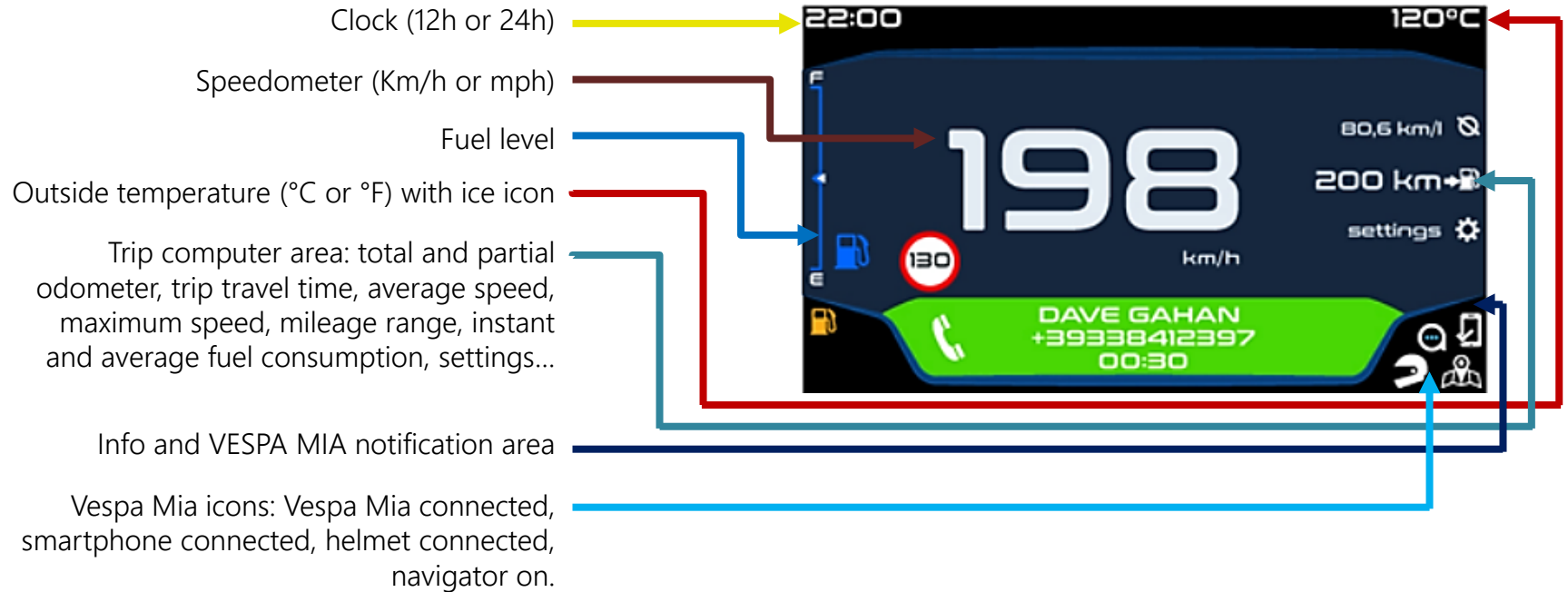
When turning on/off the vehicle, the display shows a welcome/goodbye message. The main screen automatically switches between DAY and NIGHT modes, depending on ambient light.



TYPE	TFT display, full color
SIZE	4,3"
RESOLUTION	480 x 272 (wide QVGA)
ASPECT	Totally black when off
BRIGHTNESS	1000 cd/mq

The TFT Smart Dash has an on-board processing unit and provides basic diagnostics in a quick-view format, allowing the rider to see important information such as the speed, remaining fuel capacity, and other features such as instantaneous fuel consumption, time, and fuel level.

The instrument panel will only offer English in 2019, but in Q2 2020 an update to offer support for other languages is planned



Rider manages functions through a “mode” joystick, located on the left side handlebar enabling users to access the dashboard settings. A full description of joystick functions are provided in the table below.



FUNCTION	COMMAND
Main menu (Trip computer)	Up or Down
Select “Setting” menu	Center Long
“Setting” menu	Scroll: Up & Down – Accept : Center long
Accept incoming call	Center Short
Close active call	Center Long
Reject incoming call	Center Long
Dismiss last missed call pop-up	Center Short
Re-dial last missed call	Center Long
Music volume up	Up Short
Music volume down	Down Short
Next music track	Up Long
Previous music track	Down Long
Pause/play music	Center Short
Enable voice command	Left Long
Disable voice command	Left Long



PERFORMANCE – HPE 300cc Euro 4

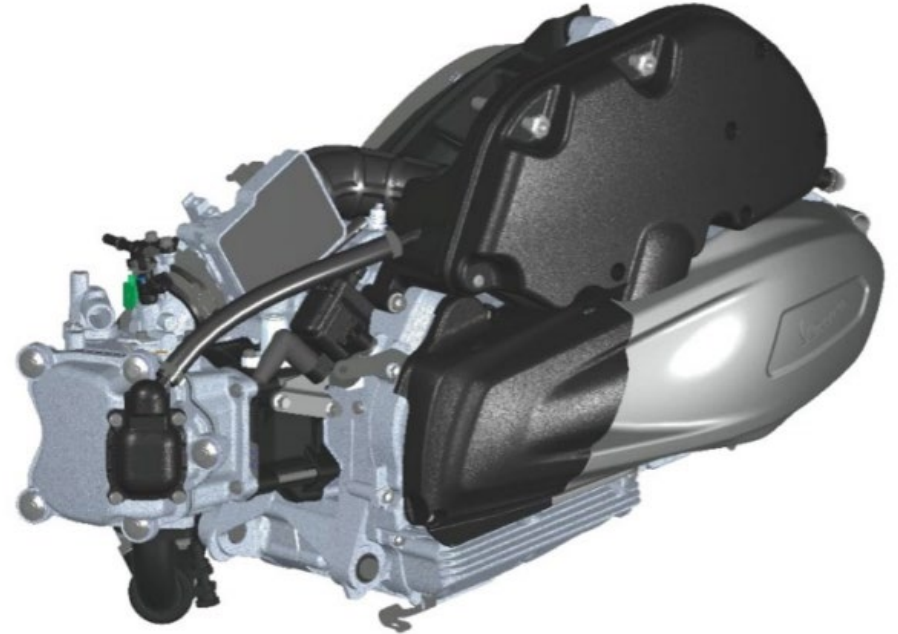
The new 300cc HPE engine is the most powerful engine fitted on a Vespa model. The 300 HPE features

- Higher peak power (+1.8hp) and torque (+4Nm)
- Lower noise and vibration
- Lower fuel consumption
- Increased rideability due to earlier torque delivery in the rev range

PERFORMANCE – HPE 300cc Euro 4

The new 300cc HPE (High Performance Engine) engine, is a concentration of Technical evolution aimed at supporting higher performance and lower fuel consumption. Many mechanical and electronic components have been completely revised to optimize consumption, ensuring brilliant performance and efficiency.

The goal was to increase the efficiency of every single component to derive maximum performance while minimizing fuel consumption and emissions, to provide an improved driving experience. Every detail, from the internal design of the cylinder and combustion chamber to the transmission, has been redesigned to ensure smooth, silent and comfortable operation.





The new 300 **HPE** has been designed to offer riding pleasure and brilliant performance through:

- New cylinder head
- Improved thermodynamics
- High efficiency combustion chamber
- Increased valve diameters and flow ports.

Fuel consumption is reduced and improved engine management and control is gained through

- New high performance multi-jet injector
- Increased fuel pressure feed
- Latest generation MIUG4 type ECU (E5 ready)
- New high durability iridium spark plug

A new intake port design allows the engine to achieve an optimum state of tune increasing torque at low speeds for improved rideability.

The new SOHC roller cam timing system with optimized valve lift and the new improved piston design allow for:

- Reduced mechanical losses
- Reduced noise

The new CVT calibration, thanks to a new transmission belt, new stiffer clutch drum and the new CVT cover with sound proofing material, allows for:

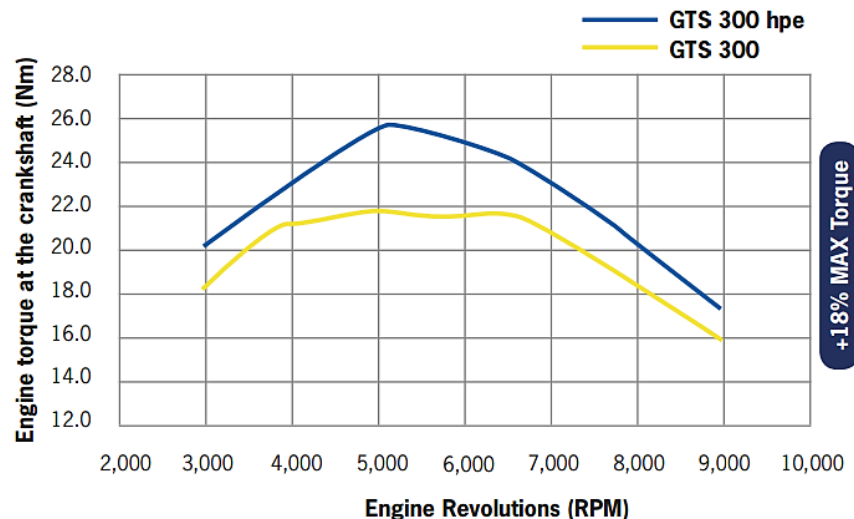
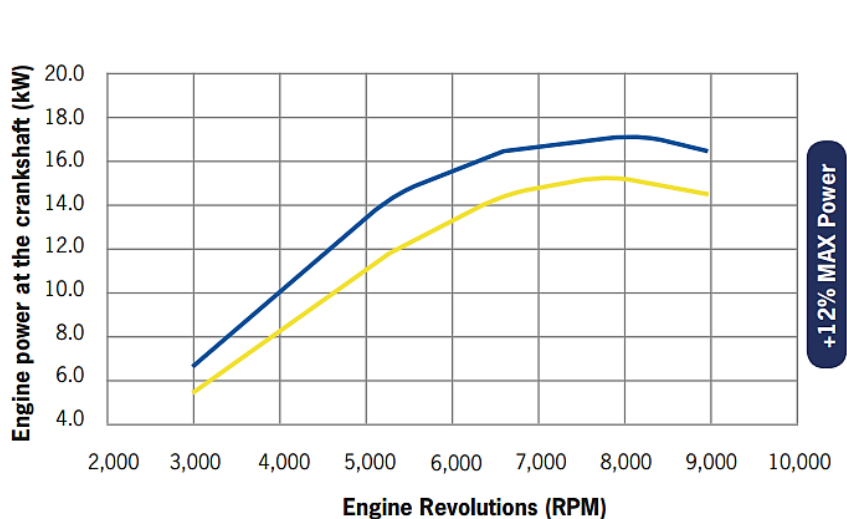
- Lower fuel consumption
- Increased fluidity at low speeds
- Contained engine noise



The new liquid-cooled 300 **HPE** increases power by 12% and reaches 17.5 kW at the crankshaft, with lower fuel consumption. The torque level increases by 18% to 26Nm.

The new engine improves the maximum speed up to 120 km/h.

The acceleration increases both in 30 meters and in 60 meters metrics. By 30 meters, the Vespa GTS Super Tech 300 **HPE** travels an 5 additional meters compared to the previous version.





ENGINE COMPARISON*

		GTS 300 MY16	GTS 300 HPE	VARIATION
MAX SPEED	KM/H	116	120	+ 4
Pick up 30mt	S	4.0	3.7	- 0.3
Delta meters	Mt			+ 5.1
Pick up 60 mt	S	5.7	5.4	- 0.3
Delta meters	Mt			+ 6.3
Max Power	kW (HP)	15.6 (21.2)	17.5 (23.8)	+ 1.9 (2.6)
	Rpm	7,750	8,250	+ 500
Max Torque	Nm	22	26	+ 4
	Rpm	5,000	5,250	+ 250

**Based on Piaggio internal test data*

NEW GTS SUPER TECH DESIGN TOUCH POINTS

TFT DASH WITH INTEGRATED CONNECTIVITY

REDESIGNED SADDLE PROFILE WITH NEW COLORS AND STITCHING

LED REAR TAIL LAMP WITH LED

NEW GTS LOGO

NEW REAR QUARTER STYLING

NEW 300CC ENGINE DESIGN



NEW MIRRORS DESIGN

LED HEADLIGHT WITH CHROME PERIMETER TRIM

NEW FRONT HORN COVER

NEW SIDE VENT INSERT DESIGN

NEW FRONT LEG SHIELD DESIGN

NEW GUARD CREST (ALL CHROME)

WHEEL RIM STYLE UPGRADE



NEW SADDLE DESIGN

One of the key features of the Vespa GTS is the comfort level for the rider and passenger.

The new shape of the saddle has been designed to offer maximum comfort to the rider and passenger and provide a more slender look.

Carefully selected seams, materials and texture give the saddle an elegant and refined image.



NEW FRONT SHIELD

The Vespa new GTS range Features a new and more defined front profile enhanced by styling changes to the front leg shield and central horn cover.

The front shield, a signature Vespa characteristic, is further enhanced through a new front LED headlamp with chrome surround and daytime running lights built into the turn indicators.



PRODUCT
RANGE & COLOR



SUPER TECH COMPLETES THE 2019 GTS RANGE.

GTS Range 2018

GTS Super
150 / 300 cc

GTS Super Sport
300 cc

GTS Range 2019

GTS Super
150cc

SPACIOUS AND EFFICIENT

GTS TOURING
300cc

TRAVEL AND TOUR READY

GTS Super Sport
300cc

REFINED AND SPORTY

GTS SUPER TECH
300cc **HPE**

EXCLUSIVE AND TECHNOLOGICALLY-ADVANCED
(New 300cc **HPE** engine)

VESPA GTS SUPER TECH SUMMARY



ENGINE

- New 300cc - Liquid - Euro 4 - HPE

KEY FEATURES

- Full LED Headlamp
- LED tail lamp
- ABS & ASR – 2 wheels
- New front and rear Chassis Styling
- New chromed mirrors
- New Horn Cover design with Yellow Highlights
- New Chrome crest design (no insert)
- New rim design in matt black with yellow decals
- Dedicated saddle shape and trim
- Dedicated graphics on body
- Yellow front shock absorber
- Bike finder/remote seat opening
- TFT dashboard
- VESPA MIA connectivity system with navigator system

SADDLE

- New Textured Material with double seamed yellow and black stitch.

VESPA GTS SUPER TECH COLORS



NERO VULCANO OPACO (VOLCANIC MATT BLACK)



GRIGIO MATERIA (MATTER GREY GLOSS)

Vespa®



PRODUCT SPECIFICATIONS

Vespa GTS SUPER TECH 300

ENGINE

<i>Engine type</i>	HPE single cylinder, 4 stroke, 4 valve
<i>Fuel distribution system</i>	New Electronic Injection
<i>Displacement</i>	278.3 cc
<i>Bore & Stroke</i>	75 mm x 63 mm
<i>Max. Power</i>	17.5 kW @ 8,250 rpm
<i>Max. Torque</i>	26 Nm @ 5,250 rpm
<i>Cooling system</i>	Liquid cooling
<i>Transmission</i>	CVT with torque server

CHASSIS

<i>Front suspension</i>	Single-arm with coil spring and single shock absorber
<i>Rear suspension</i>	Double hydraulic shock absorber with preload adjustable on 4 positions
<i>Front Wheel</i>	Die-cast aluminum alloy 3.00x12" - Tubeless 120/70-12"
<i>Rear Wheel</i>	Die-cast aluminum alloy 3.00x12" - Tubeless 130/70-12"
<i>Brake system</i>	ABS 2 channels + ASR
<i>Front brake</i>	Stainless steel disc, Ø 220 mm with hydraulic control - ABS
<i>Rear brake</i>	Stainless steel disc, Ø 220 mm with hydraulic control - ABS

DIMENSION

<i>Length</i>	1,950 mm
<i>Width</i>	755 mm
<i>Wheel base</i>	1,375 mm
<i>Seat height</i>	790 mm
<i>Fuel capacity</i>	8.5 (± 0.5) liter
<i>Kerb weight</i>	160 kg

Bluetooth Helmet Communication System



Features

- Rider to Passenger Intercom
- Double Link Function > An additional speaking device can be connected via Bluetooth
- Call answering function using voice command
- Brand Microphone covers
- Part Number 606948M
- RRP \$195.00



Note: This is an accessory available at additional cost and not included with bike