



HYUNDAI MOTOR MANUFACTURING ALABAMA, LLC

Information Sheet

(June 2016)

<p>Overview</p>	<p>Hyundai Motor Manufacturing Alabama (HMMA), headquartered in Montgomery, Ala., is an independent manufacturing operation of Hyundai Motor Company, based in Seoul, South Korea. HMMA currently produces the 2017 Sonata and Elantra sedans and the 2017 Santa Fe Sport crossover utility vehicle. HMMA can produce 399,500 vehicles annually. Hyundai cars and sport utility vehicles are distributed throughout North America, Canada, United States and Puerto Rico. In the United States, Hyundai vehicle sales are managed by Hyundai Motor America and are sold and serviced nearly 800 Hyundai dealerships nationwide.</p>
<p>Specifications</p>	<p><u>Current Capital Project Investment: \$1.7 billion, Property: 1,744 acres Facility: 3.2 million square feet</u></p> <p><u>Employment</u></p> <ul style="list-style-type: none"> ▪ HMMA currently employees approximately 3,000 Team Members <p><u>Production Details</u></p> <ul style="list-style-type: none"> ▪ HMMA began production of the 2006 Sonata in May 2005 ▪ Production of the Elantra compact sedan began in November 2010 ▪ From 2006-2010, HMMA manufactured the Hyundai Santa Fe SUV. In June 2016, the Santa Fe Sport returned to HMMA. ▪ 194 horsepower Theta Two Gasoline Direct Injection four cylinder and 148 horsepower Nu 4-cylinder engines produced onsite ▪ Three-shift operation ▪ Groundbreaking took place in April 2002 ▪ 398,851 vehicles built in 2014 ▪ 430+ robots <p><u>Suppliers</u></p> <ul style="list-style-type: none"> ▪ Thirty-five (35) tier-one suppliers located in seventeen counties across Alabama (\$470 Million invested) ▪ Seventy eight (78) total suppliers, including tier-two, located across N. America (\$650 Million invested) ▪ Additional 7,000 jobs created by Alabama-based suppliers
<p>Facility Details</p>	<p><u>Stamping Shop</u> HMMA's advanced Stamping Shop includes two stamping presses, which deliver a combined force of 5,400 tons of pressure press pieces of steel into car parts. All material that flows from the Stamping Shop into the Welding Shop is 100-percent automated.</p> <p><u>Welding</u> After arriving by electro-monorails from the Stamping Shop, over 283 robots in the Welding Shop weld and seal car parts using a 100 percent automated process. Automation prevents possible damage to the steel and helps ensure quality and consistency.</p> <p><u>Paint</u> In the Paint Shop, each vehicle body is thoroughly cleaned and a zinc-phosphate coating is applied. This coating allows the water-based undercoat to adhere to the car body. The body is submerged in a cathode dip bath to provide corrosion resistance, then rotated 360 degrees through each tank (ten full rotations throughout the whole system) to eliminate any air bubbles in body cavities. The vehicle is primed, and then painted with a topcoat and clear coat. 100-percent of the actual paint application is automated and the primer and base coat colors are water-based, which is safer for the environment.</p> <p><u>General Assembly</u> The General Assembly area includes more than 7,000 feet of state-of-the-art conveyors that adjust to the height of each individual Team Member to allow for optimum position for installation and reduction of physical fatigue. This also improves quality as parts are easier to install. The Final Evaluation area includes a roll test, a high-pressure water test booth and a 2.3 mile test track with a variety of road surfaces to ensure every vehicle is built and performs to meet Hyundai's high quality standards.</p> <p><u>Engine</u> The plants two Engine Shops make the 194 horsepower Theta Two Gasoline Direct Injection four cylinder and 148 horsepower Nu 4-cylinder engines. The machine shops, using 300 machines, turns castings of crankshafts, engine heads and blocks into polished parts that are precision tested and assembled. Engines are tested, married to their transmissions and sent to General Assembly. This engine shops supply Theta four cylinder engines to Kia's West Point, Georgia plant as well as the 4 cylinder cars made at HMMA.</p>