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inquiries@smitve.com

OLETHA COUPE S65 PROTOTYPE SPECIFICATIONS

Oletha is the car we wish BMW had built – an uncompromised synthesis of BMW's greatest design, engineering, and racing achievements. We preserve the foundations of German engineering and precision while infusing American ingenuity and passion. We created this vehicle to provoke a tactile, unfiltered, and challenging driving experience. Oletha is our love letter to the BMW of our childhoods, a manifestation of our memories and dreams.

The specifications below reflect our basic framework for each bespoke build. Individual commissions are built to client specifications. Choices of components, materials, colors, and textures allow clients to tailor the vehicle's demeanor and purpose to their desires. We welcome any special requests requiring additional design and engineering efforts.

Oletha General Specifications:

- BMW S65 motor – naturally aspirated, 4.4 liters, 8,500 rpm redline, 450+ horsepower
- Forged motor internals – crankshaft, pistons, connecting rods
- Individual throttle bodies, electromechanically actuated
- Custom carbon fiber composite intake manifold
- Custom stainless steel and Inconel exhaust components

- 6-speed H-pattern manual transmission
- Mechanical limited slip differential – 3-clutch, 3.62 final drive ratio

- Hydraulic rack and pinion steering rack – 12.8:1 ratio
- KW 2-way adjustable suspension – stainless steel damper construction
- Lightweight forged aluminum control arms
- AP Racing brakes – lightweight forged Radi-CAL calipers, fully floating rotors
- Forged and machined monoblock wheels
- Michelin Pilot Sport 4S tires standard

- Carbon fiber composite body – toughened epoxy prepreg, autoclave cured
- ~3,110 lbs curb weight (dry)
- Compact vehicle footprint – 4,350 mm x 1,850 mm
- 32,000 Newton-meter/degree torsional stiffness
- Low profile electrically actuated rear spoiler

- Driver-focused cockpit dressed in the highest quality materials
- 8-way adjustable touring seats
- Audiophile-grade sound system

- Extensive use of 3D printed metallics, composites, plastics