



SPECIFICATIONS

ENGINE

ARCH proprietary S&S Cycle T124 twin cam;
124 cubic inches (2,032 cc); 45° downdraft fuel
injected V-Twin
Max torque: 121.77 @ rear wheel

TRANSMISSION

ARCH proprietary 6-Speed drivetrain
w/ custom compact high torque mainshaft

DRIVE

Primary: ARCH proprietary Bandit dry belt w/
compact clutch basket
Final: right side, 530 O-ring chain

CHASSIS

Frame: ARCH tube & billet steel
w/ billet aluminum structural members
Swingarm: billet aluminum w/ titanium axle
adjusters

SUSPENSION

Front: Öhlins inverted 48mm; fully adjustable
Rear: Öhlins single shock w/ reservoir and hydraulic
preload adjustment; fully adjustable

WHEELS

BST ultralight carbon fiber
Front: 3.5" x 17"
Rear: 8.5" x 17"

TIRES

Front: Michelin Pilot Power 3 120/70ZR17
Rear: Michelin Pilot Power 3 240/45ZR17

BRAKES

Bosch anti-lock braking (ABS) system
Front: dual ISR 6 piston monoblock radial
mount calipers; dual ISR floating dampened discs
Rear: single ISR 4 piston monoblock radial mount
caliper; ISR two-piece discs

LIGHTING

High-output adaptive LED headlamp w/ integrated
high beam, low beam
Bar end LED front turn signals
ARCH cove-reflective LED tail light

INSTRUMENTATION

ARCH proprietary competition-grade TFT LCD
digital instrumentation by AiM Sports

GEOMETRY

Wheelbase: 65.4" Rake: 25.15°
Trail: 4.02" Seat height: 31.5"

DRY WEIGHT

563 lbs

ERGONOMICS

Each ARCH 1s can be tailored to enhance ride
comfort and performance, including ergonomics
packages specific to rider dimensions