

## 2022 **INT650** Product Specifications

### Engine

|                          |   |
|--------------------------|---|
| <b>Type</b>              | Parallel Twin, 4 Stroke, Air-Oil Cooled   |
| <b>Displacement</b>      | 648cc   |
| <b>Bore x Stroke</b>     | 78 mm x 67.8 mm   |
| <b>Compression Ratio</b> | 9.5 : 1   |
| <b>Maximum Power</b>     | 47 bhp @ 7150 rpm   |
| <b>Maximum Torque</b>    | 38.5 ft/lbs @ 5150 rpm  |
| <b>Ignition System</b>   | Digital Spark Ignition (TCI)  |
| <b>Clutch</b>            | Wet, Multi-Plate  |
| <b>Gearbox</b>           | 6 Speed, Constant Mesh  |
| <b>Lubrication</b>       | Wet Sump, Forced Lubrication  |
| <b>Engine Oil</b>        | Fully Synthetic 10W-50 50 to API SL ( <i>or higher</i> ) or JASO MA2 ( <i>such as ELF MOTO4 TECH 10W-50</i> ) |
| <b>Fuel Supply</b>       | Electronic Fuel Injection   |
| <b>Air Cleaner</b>       | Paper Element   |
| <b>Engine Start</b>      | Electric  |

### Chassis & Suspension

|                         |                                       |
|-------------------------|---------------------------------------|
| <b>Type</b>             | Steel Tubular, Double Cradle Frame    |
| <b>Front Suspension</b> | 41mm Front Fork, 110 mm Travel        |
| <b>Rear Suspension</b>  | Single Coil-Over Shocks, 88 mm Travel |

### Dimensions

|                         |  |
|-------------------------|--|
| <b>Wheelbase</b>        | 55"  |
| <b>Ground Clearance</b> | 6.8"                                       |
| <b>Length</b>           | 83.4"                                      |
| <b>Width</b>            | 32.7" ( <i>with mirrors</i> )              |
| <b>Height</b>           | 42"  |
| <b>Seat Height</b>      | 31.6"                                      |
| <b>Curb Weight</b>      | 458 lbs ( <i>with 90% fuel &amp; oil</i> ) |
| <b>Fuel Capacity</b>    | 3.6 gal                                    |

### Brakes & Tires

|                    |                   |
|--------------------|-------------------|
| <b>Front Tire</b>  | 100/90-18 M/C 56H |
| <b>Rear Tire</b>   | 130/70-18 M/C 63H |
| <b>Front Brake</b> | 320 mm Disc       |
| <b>Rear Brake</b>  | 240 mm Disc       |
| <b>ABS</b>         | Dual Channel      |

### Electricals

|                          |  |
|--------------------------|--|
| <b>Electrical System</b> | 12V - DC                                     |
| <b>Battery</b>           | 12V, 12 Ah, VRLA ( <i>maintenance free</i> ) |
| <b>Head Lamp</b>         | 12V, H4-60/55W                               |
| <b>Tail Lamp</b>         | 12V, P21/5W ( <i>Halogen</i> )               |
| <b>Turn Signal Lamp</b>  | 12V, R10W                                    |