

# RIDGE HVAC



## SPECS

### POWER

|                              |                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------|
| Maximum Power                | 68.6 kW* {93 PS*} / 8,500 rpm (*This vehicle's engine output was measured according to ISO standard 4106.) |
| Maximum Torque               | 89 Nm {9.1 kgfm} / 5,500 rpm                                                                               |
| Engine                       | 4-stroke In-Line Four                                                                                      |
| Displacement                 | 999 cc                                                                                                     |
| Bore x Stroke                | 73.4 x 59.0 mm                                                                                             |
| Compression Ratio            | 10.6:1                                                                                                     |
| Valve System                 | DOHC, 4 valves per cylinder                                                                                |
| Fuel System                  | Fuel injection: ø52 mm x 1                                                                                 |
| Ignition                     | Digital                                                                                                    |
| Starting                     | Electric                                                                                                   |
| Cooling                      | Liquid-cooled                                                                                              |
| Lubrication                  | Forced lubrication, wet sump                                                                               |
| Transmission                 | Dual-range (high/low) CVT with reverse                                                                     |
| Primary Reduction Ratio      | 3.104 ~ 0.742 (belt converter)                                                                             |
| Gear Ratio: Forward (High)   | 3.769 (36/33 x 36/19 x 31/17)                                                                              |
| Gear Ratio: Forward (Low)    | 5.503 (43/27 x 36/19 x 31/17)                                                                              |
| Gear Ratio: Reverse          | 5.497 (35/22 x 36/19 x 31/17)                                                                              |
| Final Reduction Ratio: Front | 3.589 (25/24 x 20/19 x 36/11)                                                                              |
| Final Reduction Ratio: Rear  | 3.538 (46/13)                                                                                              |
| Final Drive                  | 2WD/4WD, shaft, dual-mode rear differential                                                                |

### CAPABILITY

|                      |                                              |
|----------------------|----------------------------------------------|
| Frame                | Ladder type, tubular steel                   |
| Front Suspension     | Double wishbone                              |
| Rear Suspension      | Double wishbone                              |
| Front Wheel Travel   | 323 mm                                       |
| Rear Wheel Travel    | 322 mm                                       |
| Steering             | Rack and pinion with Electric Power Steering |
| Rake                 | 4.3°                                         |
| Steering Angle (L/R) | 44° (IN) / 30° (OUT), 30° (OUT) / 44° (IN)   |
| Front Tyres          | 27 x 9.00R14 6PR                             |
| Rear Tyres           | 27 x 11.00R14 6PR                            |
| Front Brakes         | Dual discs                                   |
| Front Calipers       | Two-piston                                   |
|                      | Dual discs                                   |

|                |                         |
|----------------|-------------------------|
| Rear Brake/s   |                         |
| Rear Caliper/s | Single-piston           |
| Parking Brake  | Dual discs (mechanical) |

## DETAILS

|                              |                                                                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (LxWxH)           | 3,160 x 1,625 x 2,065 mm                                                                                                                                           |
| Wheelbase                    | 2,305 mm                                                                                                                                                           |
| Road Clearance               | 320/350 mm (standard/max preload)                                                                                                                                  |
| Seat Height                  | 930 mm                                                                                                                                                             |
| Curb Weight*                 | 927 kg                                                                                                                                                             |
| Estimated Dry Weight**       | 879 kg                                                                                                                                                             |
| Fuel Capacity                | 49 litres                                                                                                                                                          |
| Tread Front / Rear           | 1,360 mm / 1, 300 mm                                                                                                                                               |
| Turning Radius               | 4.5 m                                                                                                                                                              |
| Cargo Bed Dimensions (LxWxH) | 880 x 1,245 x 325 mm                                                                                                                                               |
| Cargo Bed Capacity           | 453 kg                                                                                                                                                             |
| Seating Capacity             | 3                                                                                                                                                                  |
| Vehicle Load Capacity        | 578* kg (*Max. permissible load figures for speeds up to 48 km/h. Above 48 km/h, max. permissible load is 250 kg. Above 69 km/h, max. permissible load is 152 kg.) |
| Towing Capacity              | 1,134 kg                                                                                                                                                           |
| Lighting                     | 2x LED headlights                                                                                                                                                  |
| Model Code                   | KWF1000DRFNN                                                                                                                                                       |

## TECHNOLOGY

|                                                                                    |                            |
|------------------------------------------------------------------------------------|----------------------------|
|  | Power Modes                |
|  | Electronic Throttle Valves |
|  | ERGO-FIT                   |
|  | Smartphone Connectivity    |