

Freedom Hybrid

**Model HLH (3,000 lb to 6,000 lb) Drawbar pull
(13.3 kN to 26.7 kN)**

Higher Drawbar available – up to 12,000 lbs (53.38 kN)



Standard Features

- **4 Drive Modes:** 1 – Electric only
2 – Generator (continuous recharging)
3 – Hybrid (Engine comes on at partial discharge)
4 – Boost (for extra power)
- **AC Pump Motor**
- **All weather cab w/optional heat/defrost**
- **Keyless anti-restart ignition switch**
- **Two LED Headlights**
- **Combination LED Tail/Stop Lights, Backup Light & Turn Signals**
- **LCD Dash Display**
- **Rear Inching button**
- **Hour meter**
- **Front rubber bumper**
- **Standard driver and passenger seat**

Specifications For Model: FREEDOM HYBRID 3,000 lb (13.3kN) to 6,000 lb (26.7kN) DBP

MODEL	HLH4.5
DBP	3,000 lb (13.3kN) to 6,000 lb (26.7kN)
Approx. GVW	8,300 lbs (3765 kg)
Towed weight +/-	30,000 lbs (13610 kg) to 60,000 lbs (27220 kg)

Dimensions

Length w/bumper	115" (2921 mm)
Width w/ cab	54.25" (1378 mm)
Height with cab	75" (1905 mm)
Wheel Base	64.25" (1632 mm)
Ground Clearance	6" (152 mm)
Turning Radius	75" (1905 kg)

Chassis

Drive Axle	ILS/Harlan-Speth Factory adjustable speed to 15 mph (24.14 kph)
Steer Axle	Heavy-duty Harlan with 1 1/8" king pin
Suspension	Front: Leaf with shocks Rear: Coil with shocks
Towing Coupler	E-hitch with 1" pin
Tires	Front: 6.50 x 10 Rear: LT215/75R x 15

Motor/Engine

Drive Motor Motor to Axle reduction	80 volt AC 42hp/31kW @ 2500rpm 18.3:1
Engine - Diesel	Diesel
Gen-Set	Guinault
Steer Pump Motor	Brushless AC Power consumption – 8 amps @ idle

Travel/Performance

Controller	Curtis AC Diagnostic interface capabilities (handheld programmer or PC software)
Steering System	Hydrostatic – AC Pump
Service Brakes	Hydraulic front disc and rear wet disc Also programmed with Regen braking
Park Brake	Activating rear brakes with Orshelin handle