

# HVM-F Range

## Heavy Vehicle (6X6, 8X8, 10X10) Modular Fuel Systems

WEW's HVM-F fuel delivery range combines full mobility (6X6, 8X8, 10X10, rail, sea, air) with integral pumping system to deliver a Drop & Go™ fuelling solution for forward areas. Hundreds of WEW systems are in service in the harshest operational conditions. HVM-F range is normally deployed using military hook-arm systems (PLS/DROPS/LHS), however ISO twistlocks ensure it is suitable for any military or civilian load-carrier.

### Reference Specifications

Specifications vary according to particular application requirement.

### Suits Products

Wide range of fuels from diesel, through gasoline to Jet A-1. Dual-fuel variants



| Dimensions    | US                | Metric           |
|---------------|-------------------|------------------|
| Length        | 20'               | 6,058 mm         |
| Width         | 8'                | 2,438 mm         |
| Height        | 5'8" - 8'6"       | 1,727 - 2,591 mm |
| Payload Range | 2.000 – 3,750 USG | 7,600 – 14,000 L |

| Weights              | US                  | Metric             |
|----------------------|---------------------|--------------------|
| Tare Range (Typical) | 8.800 – 12,7650 lbs | 4,000 – 5,750 Kg   |
| Max. Gross Range     | 67,200 – 79,370 lbs | 30,480 – 36,000 Kg |
| Stacking             | 423,320 lbs         | 192,000 Kg         |

|             |                                      |
|-------------|--------------------------------------|
| Build Codes | AD-Merkblätter, WHG, VAWS, BetrSichV |
|-------------|--------------------------------------|

|                                   |   |
|-----------------------------------|---|
| Transport Codes (Road, Rail, Sea) | ADR, RID, IMDG (T2-T4), IATA, Customs, Lloyd's Register, BAM, ISO 1496/3, UIC 592-2 (as far as applicable), CSC, ISO 3874 |
|-----------------------------------|---|

|           |  |
|-----------|--|
| Materials | Carbon steel, 1.4301/1.4404 stainless. Optional double-shell design with leakage indicator |
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|                  |             |               |
|------------------|-------------|---------------|
| Working Pressure | 30 - 60 psi | 2.0 – 4.0 Bar |
|------------------|-------------|---------------|

|                           |             |            |
|---------------------------|-------------|------------|
| Temperature Range (Inner) | -40 - +122F | -40 -+50°C |
|---------------------------|-------------|------------|

|                    |  |
|--------------------|--|
| Standard Equipment | Single/double-shell design, twin compartment (gasoline/diesel), integrated pumping up to 700 L/min, rotary and fixed-wing refueller options, cold climate specification, Ballistic protection to STANAG 4569 Level 3 |
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Issue: 2/2014. Basic specifications subject to change without prior notice.