

FT25

Hydex

Fuel Tank Articulated Truck

The **HYDEX FT25** from Hydex Solutions is designed and built for reliable and economical operations transporting fuel on mining and construction sites.



- Based on Cat® 725 chassis
- 5000 US gallon capacity
- Designed for maximum visibility and lowest centre of gravity
- Hydraulically driven fuel transfer pump
- Flow meters

Engine Gross Power

230 kW

309 hp

Engine Net Power (ISO)

225 kW

301 hp

Tank Capacity

18 900 litre

5000 US gal

The Hydex FT25 is supplied by **Hydex Solutions Ltd**

FT25 Fuel Tank Articulated Truck *Specifications*



Engine

| Engine Model | Cat® C11 ACERT® | |
|-------------------------|-----------------|-----------|
| Gross Power – SAE J1995 | 230 kW | 309 hp |
| Net Power – SAE J1349 | 225 kW | 301 hp |
| Net Power – ISO 9249 | 227 kW | 304 hp |
| Net Power – EEC 80/1269 | 227 kW | 304 hp |
| Bore | 130 mm | 5.1 in |
| Stroke | 140 mm | 5.5 in |
| Displacement | 11.15 ltr | 580 cu.in |

Transmission

| | | |
|-----------|---------|--------|
| Forward 1 | 8 km/h | 5 mph |
| Forward 2 | 15 km/h | 9 mph |
| Forward 3 | 23 km/h | 14 mph |
| Forward 4 | 35 km/h | 21 mph |
| Forward 5 | 48 km/h | 30 mph |
| Forward 6 | 57 km/h | 35 mph |
| Reverse 1 | 9 km/h | 5 mph |

Features

- Constructed of minimum A36 prime steel
- Flanged bulkheads welded 100% inside and outside for superior tank strength
- 24" (600 mm) sealed and vented manhole
- Access ladder with safety railings
- Fenders and mudflaps
- Light group for stop, tail, turn and ID
- Hydraulically-driven fuel transfer pump with capacity up to 120 USgpm (454 L/min)
- Two hose reels included:

Tank Capacity

| | | |
|----------|------------|-------------|
| Standard | 18 900 ltr | 5000 US gal |
|----------|------------|-------------|

Service Refill Capacities (Cab Chassis)

| | | |
|---------------------------|---------|----------|
| Fuel Tank | 355 ltr | 94 gal |
| Cooling System | 67 ltr | 18 gal |
| Hydraulic System | 151 ltr | 49 gal |
| Engine Crankcase | 41 ltr | 11 gal |
| Transmission | 36 ltr | 9.5 gal |
| Final Drives/Differential | 164 ltr | 43.3 gal |
| Output Transfer Gearbox | 18 ltr | 4.8 gal |

Standards

| | |
|----------|--------------------------|
| Brakes | ISO 3450 : 1996 |
| Cab/FOPS | ISO 3449 Level II : 2005 |
| Cab/ROPS | ISO 3471 : 2008 |
| Steering | ISO 5010 : 2007 |

Sound Levels

| | |
|--------------|----------|
| Interior Cab | 76 dB(A) |
|--------------|----------|

One (1) up to 100 USgpm with 50' of 1½" hose.
(380 L/min with 15 metre of 38 mm hose.)

One (1) up to 25 USgpm with 50' of ¾" hose.
(95 L/min with 15 metre of 19 mm hose.)

- Pistol style grips with Wiggins Fast-Fill dispenser nozzle with automatic shut-off
- Roll over protection rails on tank top
- Ground fill connection
- Resettable meter (1) with meter line filter

All cab/chassis machine specifications are contained in the Cat 725 specalogue publication AEHQ6048

Materials and specifications are subject to change without notice.

See your Caterpillar dealer for standard and optional cab equipment.

Hydex Solutions Ltd

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