

# CC35

# Hydex

## Container Carrier Articulated Truck

The **HYDEX CC35** is designed for hauling 20ft ISO Containers.

Based on the Cat 735 Articulated Truck chassis offering proven reliability and durability, and high class performance and productivity, optimum payload, operator comfort and ease of operation.



- Headboard for container frame
- Safety interlock
- Container corner guards
- Cab actuated twistlocks
- Light in cab to confirm lock engagement
- Optional hydraulic tailgate

### Engine Gross Power

|        |        |
|--------|--------|
| 324 kW | 435 hp |
|--------|--------|

### Engine Net Power (ISO)

|        |        |
|--------|--------|
| 319 kW | 424 hp |
|--------|--------|

### Operating Weight (loaded)

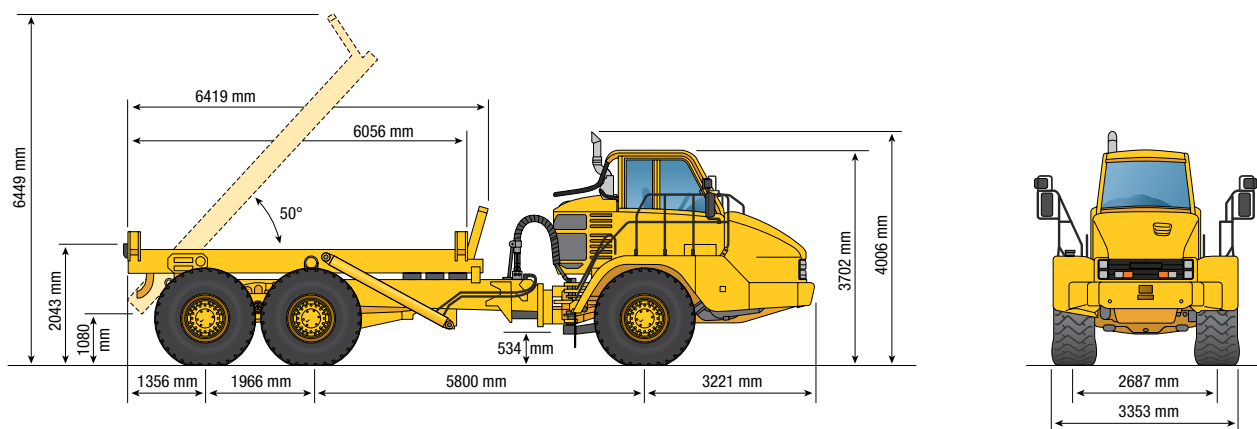
|           |            |
|-----------|------------|
| 62 470 kg | 137,400 lb |
|-----------|------------|

### Rated Payload

|            |         |
|------------|---------|
| 32.7 tonne | 36 tons |
|------------|---------|

The Hydex CC35 is supplied by **Hydex Solutions Ltd**

# CC35 Container Carrier Articulated Truck *Specifications*



## Engine

| Engine Model            | Cat® C15 ACERT® |           |
|-------------------------|-----------------|-----------|
| Gross Power – SAE J1995 | 324 kW          | 435 hp    |
| Net Power – SAE J1349   | 313 kW          | 419 hp    |
| Net Power – ISO 9249    | 319 kW          | 424 hp    |
| Net Power – EEC 80/1269 | 319 kW          | 424 hp    |
| Bore                    | 137 mm          | 5.4 in    |
| Stroke                  | 171.5 mm        | 6.75 in   |
| Displacement            | 15.2 ltr        | 926 cu.in |

## Transmission

|           |         |        |
|-----------|---------|--------|
| Forward 1 | 8 km/h  | 5 mph  |
| Forward 2 | 11 km/h | 7 mph  |
| Forward 3 | 15 km/h | 10 mph |
| Forward 4 | 21 km/h | 13 mph |
| Forward 5 | 28 km/h | 17 mph |
| Forward 6 | 38 km/h | 23 mph |
| Forward 7 | 51 km/h | 32 mph |
| Reverse 1 | 8 km/h  | 5 mph  |
| Reverse 2 | 11 km/h | 7 mph  |

## Standards

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

## Operating Weights

|                          |                  |                   |
|--------------------------|------------------|-------------------|
| Front Axle - Empty       | 18 300 kg        | 40,300 lb         |
| Center Axle - Empty      | 6200 kg          | 13,600 lb         |
| Rear Axle - Empty        | 5600 kg          | 12,300 lb         |
| <i>Total Empty</i>       | <i>30 100 kg</i> | <i>66,200 lb</i>  |
| Front Axle - Rated Load  | 3300 kg          | 7200 lb           |
| Center Axle - Rated Load | 14 570 kg        | 32,100 lb         |
| Rear Axle - Rated Load   | 14 570 kg        | 32,100 lb         |
| <i>Total Rated Load</i>  | <i>32 370 kg</i> | <i>71,200 lb</i>  |
| Front Axle - Loaded      | 21 600 kg        | 47,500 lb         |
| Center Axle - Loaded     | 20 770 kg        | 45,700 lb         |
| Rear Axle - Loaded       | 20 100 kg        | 44,200 lb         |
| <i>Total - Loaded</i>    | <i>62 470 kg</i> | <i>137,400 lb</i> |
| Rated Payload            | 32.7 tonnes      | 36 tons           |

## Body Hoist

|            |            |
|------------|------------|
| Raise Time | 10 seconds |
| Lower Time | 6 seconds  |

## Service Capacities

|                           |         |           |
|---------------------------|---------|-----------|
| Fuel Tank                 | 532 ltr | 140.5 gal |
| Cooling System            | 80 ltr  | 21.1 gal  |
| Hydraulic System          | 328 ltr | 86.6 gal  |
| Engine Crankcase          | 38 ltr  | 9.5 gal   |
| Transmission              | 72 ltr  | 19 gal    |
| Final Drives/Differential | 72 ltr  | 19 gal    |
| Output Transfer Gearbox   | 18 ltr  | 4.8 gal   |

## Sound Levels

|              |          |
|--------------|----------|
| Interior Cab | 79 dB(A) |
|--------------|----------|

All cab/chassis machine specifications are contained in the Cat 735 specalogue publication AEHQ6049

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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