Heavy Equipment Operator

This section contains a list of equipment used by the Equipment Operator Specialist classification.

This classification is in the Maintenance and Operations pay schedule at the 616-J pay grade. It performs advanced level equipment operations and operates large, heavy and off-road equipment used in construction and earthmoving with no axle specification.

Examples of equipment include: front-end loaders, motor graders, bulldozers, skid steers, cranes under a 40-ton capacity, asphalt paving equipment and tarmac snow removal equipment.

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt Compactor</td>
<td>3</td>
</tr>
<tr>
<td>Asphalt Vibratory Compactor</td>
<td></td>
</tr>
<tr>
<td>Construction Crane – Medium</td>
<td>45</td>
</tr>
<tr>
<td>Construction Crane Truck – Medium</td>
<td>56</td>
</tr>
<tr>
<td>Front End Loader - Medium</td>
<td>57</td>
</tr>
<tr>
<td>Front-End Loader – Large</td>
<td>78</td>
</tr>
<tr>
<td>Motor Grader</td>
<td>89</td>
</tr>
<tr>
<td>Road Base Vibratory Compactor</td>
<td>100</td>
</tr>
<tr>
<td>Roadway Compact Planer</td>
<td>101</td>
</tr>
<tr>
<td>Roadway Belt Loader</td>
<td>102</td>
</tr>
<tr>
<td>Runway Plow Truck – Medium</td>
<td>123</td>
</tr>
<tr>
<td>Runway Plow Truck – Large</td>
<td>124</td>
</tr>
<tr>
<td>Runway Deicer Truck</td>
<td>145</td>
</tr>
<tr>
<td>Runway Broom</td>
<td>156</td>
</tr>
<tr>
<td>Runway Snow Blower</td>
<td>167</td>
</tr>
<tr>
<td>Skid Loader</td>
<td>178</td>
</tr>
<tr>
<td>Track Loader</td>
<td>189</td>
</tr>
</tbody>
</table>
Asphalt Compactor

**Agency/Department:** Denver International Airport

**Vehicle Description:** Asphalt Compactor

**Attachments:** N/A

**Manufacturer:** Ingersoll-Rand

**GVWR:** N/A

**Used For:** Compacting and Smoothing Asphalt

**Qualifications:** No License Requirement

**Differential:** HEO
Asphalt Vibratory Compactor

**Agency/Department:** Denver International Airport

**Vehicle Description:** Asphalt Compactor and Vibratory

**Attachments:** N/A

**Manufacturer:** Ingersoll-Rand

**GVWR:** N/A

**Used For:** Asphalt Rolling and Smoothing

**Qualifications:** No License Requirement

**Differential:** HEO
Construction Crane – Medium

Agency/Department: Public Works – Street Maintenance

Vehicle Description: Medium Size Crane

Attachments: Hydraulic Crane Boom

Manufacturer: Baldwin Lima Hamilton Corporation

GVWR: 36,800 lbs.

Used For: Asphalt Plant Maintenance and Construction

Qualifications: No License Required

Differential: HEO
Construction Crane Truck – Medium

Agency/Department: Public Works – Wastewater

Vehicle Description: Medium Size Crane Truck

Attachments: Hydraulic Crane Boom

Manufacturer: Ford

GVWR: 53,220 lbs.

Used For: Sewer Construction

Qualifications: Class B Commercial Driver’s License with Air Brake Endorsement

Differential: HEO
Front-End Loader – Medium

Agency/Department: Denver International Airport

Vehicle Description: Medium Size Front-End Loader

Attachments: Bucket – 5 yd.

Manufacturer: New Holland

GVWR: N/A

Used For: Excavation and Earthmoving

Qualifications: No License Requirement

Differential: HEO
Front-End Loader – Large

Agency/Department: Denver International Airport

Vehicle Description: Large Front-End Loader

Attachments: Bucket – 8 yd.

Manufacturer: Caterpillar

GVWR: N/A

Used For: Excavation and Earthmoving

Qualifications: No License Requirement

Differential: HEO
Motor Grader

Agency/Department: Denver International Airport

Vehicle Description: Motor Grader

Attachments: Blade with Hydraulic Controls

Manufacturer: Caterpillar

GVWR: N/A

Used For: Excavation and Earthmoving

Qualifications: No License Requirement

Differential: HEO
Road Base Vibratory Compactor

Agency/Department: Denver International Airport

Vehicle Description: Compactor and Vibratory

Attachments: N/A

Manufacturer: Ingersoll-Rand

GVWR: N/A

Used For: Dirt and Base Compaction

Qualifications: No License Requirement

Differential: HEO
Roadway Compact Planer

**Agency/Department:** Public Works – Traffic Engineering Services

**Vehicle Description:** 60-HP Cummins Engine, Cutting Drum with 4" Depth Capacity, and 123 gal. Water Tank

**Attachments:** Mini Conveyor Belt for Debris Removal

**Manufacturer:** Dynapac (Model: PL350TD)

**GVWR:** 10,300 lbs.

**Used For:** Scraping Off and Inlaying Street Markings – Crosswalks, Bike Lanes, Long Lines, and Stop Bars

**Qualifications:** No License Requirement

**Differential:** HEO
Agency/Department: Public Works – Street Maintenance

Vehicle Description: Belt Loader

Attachments: Hydraulic Booms and Controls with Conveyor Belts

Manufacturer: Athey

GVWR: 19,200 lbs.

Used For: Roadway Construction

Qualifications: No License Requirement

Differential: HEO
Runway Plow Truck – Medium

Agency/Department: Denver International Airport

Vehicle Description: Single-Axle Dump Truck with Plow

Attachments: Runway Plow – 22’

Manufacturer: International

GVWR: 40,000 lbs.

Used For: Airfield Snow Removal

Qualifications: Class B Commercial Driver’s License with Air Brake Endorsement

Differential: HEO
Runway Plow Truck – Large

**Agency/Department:** Denver International Airport

**Vehicle Description:** Tandem-Axle Dump Truck with Plow

**Attachments:** Runway Plow – 22'

**Manufacturer:** Freightliner

**GVWR:** 60,000 lbs.

**Used For:** Airfield Snow Removal

**Qualifications:** Class B Commercial Driver’s License with Air Brake Endorsement

**Differential:** HEO
Runway Deicer Truck

Agency/Department: Denver International Airport

Vehicle Description: Runway Deicer

Attachments: Swing Arm Booms with 4,000 gal. Tank

Manufacturer: International

GVWR: 62,000 lbs.

Used For: Spraying Liquid Deicer on Airfield Runways and Taxiways

Qualifications: Class B Commercial Driver’s License with Air Brake and Tanker Endorsements

Differential: HEO
Runway Broom

Agency/Department: Denver International Airport

Vehicle Description: Runway Broom

Attachments: N/A

Manufacturer: Oshkosh

GVWR: 45,000 lbs.

Used For: Cleaning Snow and Ice from Airfield Runways and Taxiways

Qualifications: No License Requirement

Differential: HEO
Runway Snow Blower

- **Agency/Department**: Denver International Airport
- **Vehicle Description**: Snow Blower
- **Attachments**: N/A
- **Manufacturer**: Oshkosh
- **GVWR**: 45,000 lbs.
- **Used For**: Blowing Snow Off of Airfield Runways and Taxiways
- **Qualifications**: Class B Commercial Driver's License with Air Brake Endorsement
- **Differential**: HEO
Agency/Department: Denver International Airport

Vehicle Description: Skid Loader

Attachments: Post Hole Digger, Rotomill, Forklift, Trencher, Jack Hammer, and Power Shovel

Manufacturer: Bobcat – Other Manufacturers Include: New Holland, Caterpillar, and Ingersoll-Rand.

GVWR: N/A

Used For: Excavation, Loading, and All-Round Construction Work

Qualifications: No License Required

Differential: HEO
Track Loader

Agency/Department: Denver International Airport

Vehicle Description: Track Loader

Attachments: Bucket and Till

Manufacturer: Caterpillar

GVWR: N/A

Used For: Excavation and Earth Moving

Qualifications: No License Requirement

Differential: HEO