

# Hook-Lifts

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GENERAL SERVICES MANAGER

#### **MoDOT Hook-Lift Applications**

- \*Dump Beds and Dumpsters
- \*Flat Beds
- \*Spreaders
- \*Spray Units
- \*Asphalt Hot Box (Patcher)
- \*Specialty Platforms

(Sign, Aerial Bucket, Booms, Augers, etc..)

#### Notes

- Rear Axle Weights Single Axles are 23,500 pounds and Tandem Axles are 40,000 pounds
- Use the Ampliroll Model AL-120-14 with a 54 inch hook lift height on the Single Axles
- Use the Ampliroll Model 150 with lifting capacity of 40,000 pounds with a 62 inch hook lift height on Tandem Axles.

### Attachment being Mounted



#### Lift Hook



#### **Boom Truck**





### Spreaders





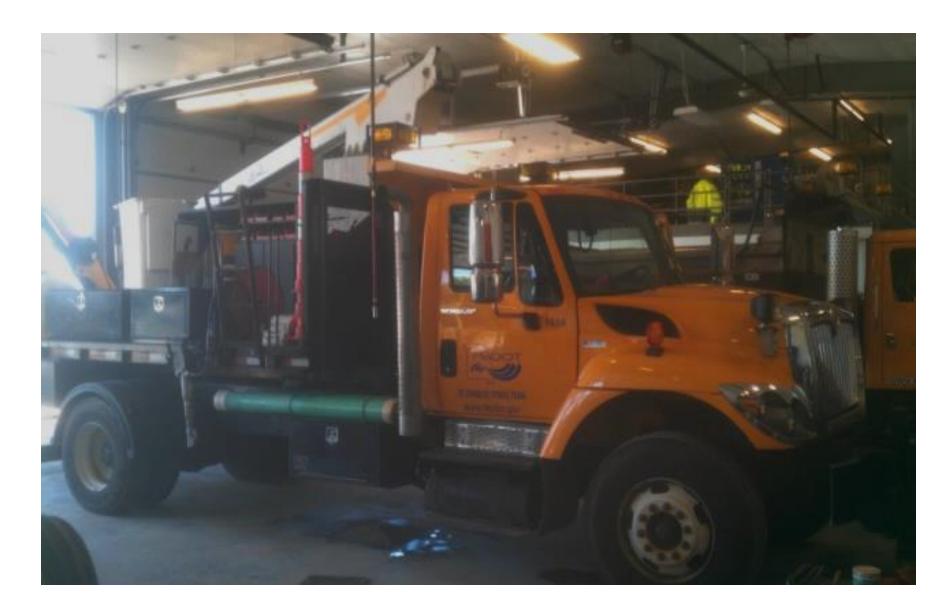
# Dump Bed

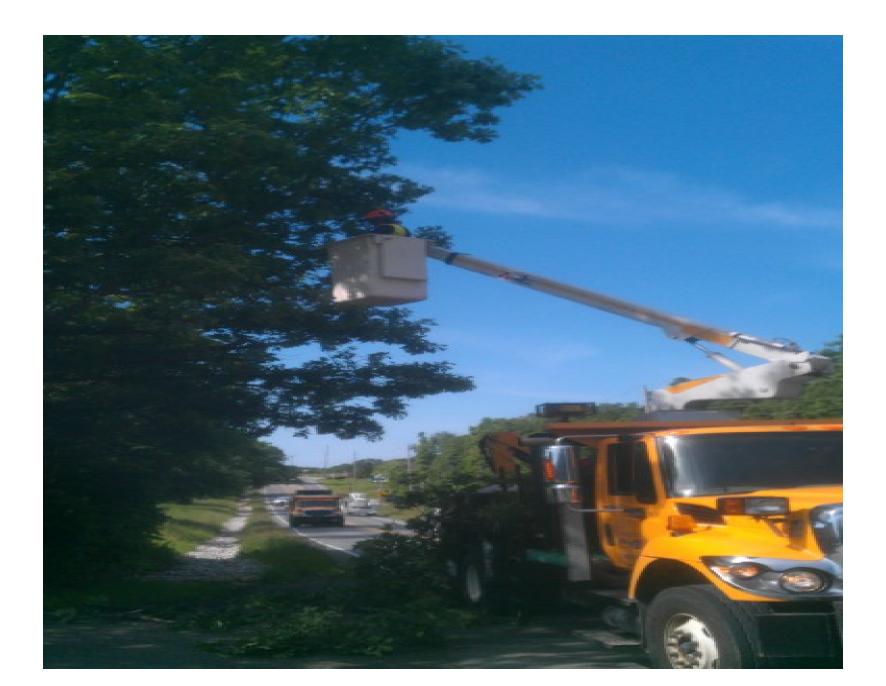


# Asphalt Patcher



## Sign Bed with Bucket





### Mud Pump Material Body







# Water Tank w/Pump



#### Summary

#### **Pros**

- Eliminates specialized trucks with low utilization
- Multiple Attachment Options
- Removes Seasonal equipment
- Provides more trucks for winter operations
- Can utilize existing specialized mounted equipment

#### **Challenges**

- Establishing End-User Buy In
- Weight Distribution
- Initial Cost
- Multiple Crews Utilize Difficult to establish ownership for maintaining equipment