

# MAC-8 AC Electric Transporter



- New AC controller w/ regenerative braking
- New AC three phase brushless high torque electric motor
- No forward/reverse contactors
- 72 volt battery system in removable battery pack
- Twelve to Thirteen passengers
- Soft Ride five point rubber

mounted front suspension with Air-Ride.

- Double reduction rear drive axle with enclosed wet disc brakes
- Speed: 9 MPH.
- Very low seam heights.
- Available in lay down or sit up driver position
- Powder coat finish

**DAMASCUS**  
*Corporation*

*"We get around UNDERGROUND!!"*

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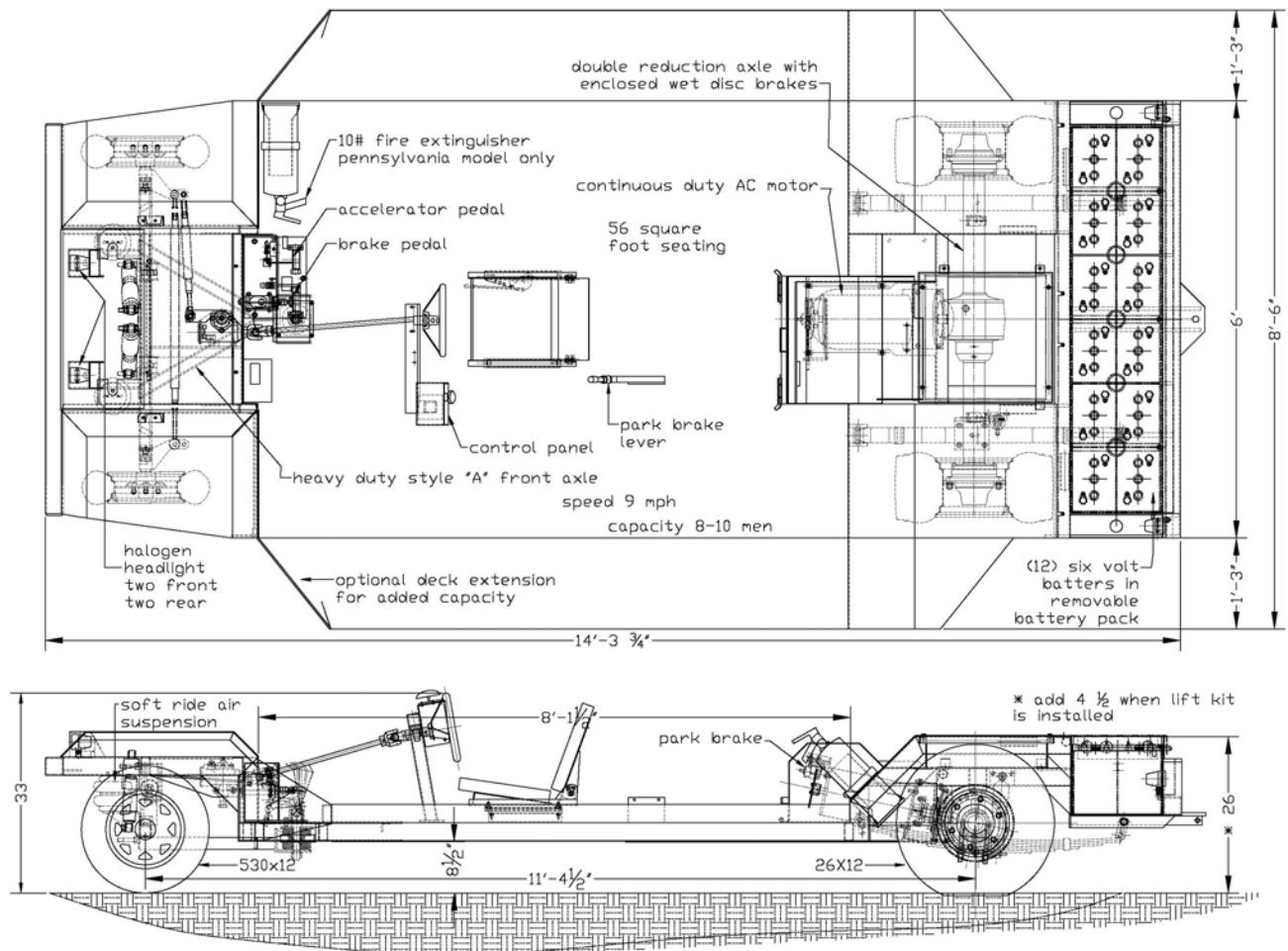
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## Specifications: MAC-8 AC Electric Transporter

|                          |   |                    |  |
|--------------------------|---|--------------------|--|
| <b>Dimensions:</b>       | Height: 26" Standard<br>Width: 6'-0" or 8'-6"<br>Length: 15'-0"<br>Turning Radius: 12'-6" I.S.                | <b>Motor:</b>      | 10 horsepower—high torque, continuous duty AC motor with no brushes or Commutator mounted direct to rear axle  |
| <b>Ground Clearance:</b> | 8 1/2" std. 13" with optional lift kit  | <b>Brake:</b>      | Service Brakes— Master cylinder actuated enclosed wet disc brakes in rear axle combined with regenerative braking<br>Park Brake—mechanical caliper on motor shaft  |
| <b>Weight:</b>           | 4000#   | <b>Suspension:</b> | Front – Rubber mounted A frame style axle with soft ride air suspension, heavy-duty gas shocks and overload bumpers; 3500# spindles, automotive king pins and tie rods.<br>Rear – HD leaf springs with heavy duty gas shocks and rubber overload bumpers |
| <b>Payload:</b>          | 2500#, 12-13 men  | <b>Rear Axle:</b>  | Double reduction 10,000# capacity axle with enclosed wet disc brakes   |
| <b>Electrical:</b>       | 72 volt AC MOSFET controller, no F/R contactors, circuit breaker with shunt trip enclosed in sealed enclosure | <b>Tires:</b>      | Front: P205-75R15 – 6 ply rating<br>Rear: 26 x 12.00 x 12 – 8 ply rating<br>Other size available   |
| <b>Batteries:</b>        | 12 – 6 volt batteries, battery level indicator on control panel. removable battery pack                       | <b>Tram Speed:</b> | 9 miles per hour   |
| <b>Battery Charger:</b>  | Heavy duty industrial Lester Electrical, automatic timer, input: 220 volt<br>Output: 72 volt – 40 amp         |                    |  |
| <b>Headlights:</b>       | Two front, two rear, halogen, 12 volt DC/DC converter   |                    |  |