Schumacher

SPECIAL PURPOSE
PERSONNEL ELEVATOR

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Schumacher Elevator Company, established in 1936, designs and manufactures Special Purpose Personnel Elevator (SPPE) systems and components, as well as passenger and freight elevators. Schumacher SPPE systems feature a rugged design, low maintenance, quiet operation, and easy installation. With SPPE units already installed throughout the country, Schumacher Elevator Company continues to be an industry leader in Special Purpose Personnel Elevators.

Standard Equipment

- Available in 300, 500, 650, and 1,000 lb. capacities
- Available in NEMA 4 (non-hazardous locations) & NEMA 9 (hazardous locations) electrical ratings
- Emergency exit, non-skid steel floor
- Full folding door with safety switch
- Self cleaning door track to eliminate dust accumulation
- Car and control panel pre-wired for automatic operation, interior light, and alarm switch
- 8# steel T-rails for car and counterweight
- Meets or exceeds the ASME Code A17.1 for Special Purpose Personnel Elevators

Innovative Ride Control

We include an LCD touchscreen that works with the Cedes APS reader on the car and the motor encoder for a fully integrated closed looped system.

Easily make ride adjustments, or get usage data and diagnostics information.
Controller

- Variable Voltage Variable Frequency Drive provides smooth operation and accurate floor leveling while increasing the life of the equipment
- NEMA 4 control panel will accept 240–480 volts
- Controller incorporates all electrical devices required for maximum operational safety of the elevator
- Fused disconnect
- Control circuit transformer, reverse phase relay, anti-weld relay, and reverse starter
- All components pre-wired to a numbered terminal strip

Landing Door

- All landing doors included in standard packages
- Available as left or right hand swing
- Door equipped with electromechanical locking device to prevent door from opening when the car is not at a landing
- Elevator will not operate when landing door is unlocked
- Replacement doors furnished with or without locking devices

Drive Unit

- 3 HP, 60 hertz, 240–480 volts, electric motor mounted on a rugged steel channel frame with gear reducer, brake, 22’ diameter traction sheave, sheave gripper, and down-speed governor
- Motor, gear reducer, and brake are engineered for long, trouble-free service
- Electrically actuated disc-type magnetic brake for positive control and protection
- Synchronized down-speed governor and car safeties will stop car if overspeed occurs
- Motor can be mounted in vertical or horizontal position
special purpose personnel elevator

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Clear Hoistway</th>
<th>Landing Door Frame</th>
<th>Inside Car</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width</td>
<td>Depth</td>
<td>Width</td>
<td>Car Depth</td>
</tr>
<tr>
<td></td>
<td>Rear CW-T</td>
<td>Side CW-T</td>
<td>Rear CW-T</td>
<td>Side CW-T</td>
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<tr>
<td>300</td>
<td>40”</td>
<td>48”</td>
<td>43”</td>
<td>36”</td>
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<tr>
<td>500</td>
<td>48”</td>
<td>54”</td>
<td>43 1/2”</td>
<td>39”</td>
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<tr>
<td>650</td>
<td>52”</td>
<td>58”</td>
<td>46 1/2”</td>
<td>40 1/2”</td>
</tr>
<tr>
<td>1000</td>
<td>58”</td>
<td>64”</td>
<td>52 1/2”</td>
<td>46 1/2”</td>
</tr>
</tbody>
</table>

Custom Applications Available

Optional Equipment

- Rear exit doors (1,000 lb. only)
- Constant pressure operation
- Stainless steel car
- Down–speed governor on counterweight
- NEMA9 enclosure available