



The Mobile Robot Company

Knowledge Center — ANSI/ITSDF B56.1 · 2026-08-04

<https://info.mobilerobot.com/it-it/safety-compliance/standards/ansi-itsdf-b56-1>

ANSI/ITSDF B56.1

ANSI/ITSDF B56.1-2020 appears in the J1600's [compliance list](https://info.mobilerobot.com/it-it/safety-compliance/certificates/compliance-statements/) (<https://info.mobilerobot.com/it-it/safety-compliance/certificates/compliance-statements/>). It is the United States safety standard for operator-controlled powered industrial trucks — the standard that covers the J1600 when a person drives it manually.

What the standard covers

ANSI/ITSDF B56.1, *Safety Standard for Low Lift and High Lift Trucks*, is maintained by the Industrial Truck Standards Development Foundation (ITSDF) and accredited by the American National Standards Institute (ANSI). It sets safety requirements for powered industrial trucks under operator control, including walk-behind (pedestrian-controlled) trucks, and addresses both manufacturer obligations (design, construction, controls, [braking](https://info.mobilerobot.com/it-it/safety-compliance/safety-functions/braking/) (<https://info.mobilerobot.com/it-it/safety-compliance/safety-functions/braking/>), stability) and user obligations (operation, maintenance, operator training).

The 2020 edition is the version named in the J1600's compliance list.

How it applies to the J1600

In manual mode the J1600 is a walk-behind electric pallet jack: the operator steers with the tiller and can pick and drop pallets at up to 1,600 mm. As a low lift truck under operator control, that use falls within the scope of B56.1.

The division of standards mirrors the vehicle's [dual mode](https://info.mobilerobot.com/it-it/products/j1600/dual-mode/) (<https://info.mobilerobot.com/it-it/products/j1600/dual-mode/>):

Operating mode	US standard	European standard
Manual (tiller-controlled)	ANSI/ITSDF B56.1-2020	EN ISO 3691-1 (https://info.mobilerobot.com/it-it/safety-compliance/standards/iso-3691-1/)
Autonomous (driverless)	ANSI/ITSDF B56.5-2024 (https://info.mobilerobot.com/it-it/safety-compliance/standards/ansi-itsdf-b56-5/)	EN ISO 3691-4 (https://info.mobilerobot.com/it-it/safety-compliance/standards/iso-3691-4/)

Operator responsibilities during manual operation — pallet pickup, judgment-heavy handling, and immediate takeover — are described in [Operator responsibilities](https://info.mobilerobot.com/it-it/safety-compliance/safe-deployment/operator-responsibilities/) (https://info.mobilerobot.com/it-it/safety-compliance/safe-deployment/operator-responsibilities/).

PRELIMINARY COMPLIANCE LIST

The J1600's compliance list comes from the preliminary January 2026 product documentation and is subject to change. Use current product documentation for deployment decisions.