



Patented Solutions

As a Visionary Leader, Wabash never ceases to further understand the dynamic economic, regulatory and operational challenges facing our customers and their businesses. We hold ourselves responsible to optimize performance through creating and applying new materials, technology, and processes in ways that help our customers be more successful. We do so with an unwavering, future-forward commitment to engineering and innovation to improve safety, efficiency and performance — all with sustainability in mind.

The table below provides information about U.S. patents related to features of various Wabash solutions. This page is intended to serve as notice under 35 U.S.C. §287(a).

Standard and optional features may be covered by the U.S. patents shown below. Each U.S. patent may have one or more related foreign patents.

TRAILERS

DRY VAN TRAILERS

DuraPlate® and DuraPlate HD Including PUP Vans

Features	U.S. Patent(s)
Angled Rear Sill	8,100,465
Bonded D-Ring Hold Down Device	8,079,793; 8,662,804; 8,956,094
Bonded Skylights	7,878,574; D619,505
Cell Core Technology	11,059,259; 11,420,433; US2021/0370660
Conventional Base Rail	7,114,762
DuraPlate Composite Arched Roof	8,025,331
Hollow Shank Rivet	10,376,949

HD Inline Base Rail	7,114,762; 8,256,827
Integrated RIG & Pintle Hook	7,527,309
Interior Trailer Conveyor System	8,894,122; 10,434,923; 10,414,320
Intermediate Raised Logistics Strip	7,588,286; 7,762,618; 7,931,328
MaxClearance® Overhead Door System	8,528,622; 9,296,280; 10,794,100; 10,829,970
Offset Intermediate Bonded or Riveted Logistics	7,588,286; 7,762,618; 7,931,328
Theft Deterrent Vehicle Lamp Mount System	9,914,389
Rear Impact Guard	9,566,923; 10,035,483; 10,053,037; 10,737,646; 10,836,335
Trust Lock Plus®	8,231,150; 8,720,957; 9,284,756; 9,863,137
Upper Coupler Assembly	9,834,264
Upper ID Auxiliary Stop Light System	9,649,975; 8,653,957

REFRIGERATED VAN TRAILERS

with EcoNex™ Technology

Features	U.S. Patent(s)
EcoNex™ Technology	9,371,468*; 10,329,763; 10,479,419; 10,513,100*; 10,596,791*; 10,710,423; 10,829,163; 10,919,579; 11,338,862; 11,400,987; and other patents pending <small>*Licensed from Structural Composites, Inc. and Composites Intellectual Holdings, Inc.</small>
Rear Impact Guard	9,566,923; 10,035,483; 10,053,037; 10,737,646; 10,836,335
Theft Deterrent Vehicle Lamp Mount System	9,914,389
Upper ID Auxiliary Stop Light System	8,653,957; 9,649,975

PLATFORM TRAILERS

Aluminum Platform and Drop Deck Trailers

Features	U.S. Patent(s)
Galvanized Landing Gear	D833,921
Longitudinal Member for use with Dual Lock-Rite® II Tie Down System	D924,441
Longitudinal Member for use with Lock-Rite II Tie Down System	9,637,042
Siderail for use with Chain Tie and Lock-Rite II Tie Down System	8,985,921

Steel Combo Platform and Drop Deck Trailers

Features	U.S. Patent(s)
Galvanized Landing Gear	D833,921
Siderail for use with Chain Tie and Lock-Rite System	8,985,921

TANK TRAILERS

Features	U.S. Patent(s)
Rear Impact guard	10,710,535

TRAILER AERODYNAMICS:

Features	U.S. Patent(s)
AeroFin XL [®]	9,776,674; 9,834,262; 9,855,982; 10,457,338; 10,946,908;
AeroSkirt CX [®]	8,177,286; 8,398,150; 8,579,359
DuraPlate AeroSkirt [®]	8,177,286; 8,398,150; 8,579,359
VentixDRS [®] Skirt System	9,409,610; 9,919,749; 10,343,731

TRUCK BODIES

DRY and REFRIGERATED TRUCK BODIES with EcoNex™ Technology

Features	U.S. Patent(s)
Cart Securement Device Ancra Cargo	WO2023/081147
EcoNex™ Technology	9,371,468*; 10,407,103; 10,513,100*, 10,550,569; 10,596,366; 10,596,791*; 10,596,950; 10,829,163; 11,554,708; 11,807,309; and other patents pending <small>*Licensed from Structural Composites, Inc. and Composites Intellectual Holdings, Inc.</small>
Kitted Assemblies	Patent Pending
Wind Fairing	D914,559

MARKETPLACE

Features	U.S. Patent(s)
Systems and Methods for Cargo Vehicle Management	Patent Pending