

Vocational trucks

FLD120SD

EXTERIOR

- Durable and lightweight aluminum cab construction
- Durable fiberglass hood with bright finish steel grille surround
- Two-piece flat glass windshield
- 100-gal. round aluminum fuel tank
- Diamond face battery box
- 20-in. x 36-in. rear window
- 6x4, 4x2, 8x4 and 8x6 configurations
- Dual stainless-steel, cowl-mounted air cleaners
- Air cab mounts

INTERIOR

- Wraparound dash, providing switches and gauges within driver's reach and sight
- Rosewood instrument panels and bright finish gauges available
- Premium Chaparral interior in oasis tan, horizon blue, opal gray and graphite black

SLEEPER SIZES

- 48-in. flat roof
- 70-in. mid-roof
- 70-in. raised roof

CHASSIS

- Wheelbases from 154 in. to 300 in.
- 120-in. bumper to back of cab

ENGINE

- Detroit Diesel – Series 60: 425 hp to 515 hp; 4000: 350 hp to 450 hp
- Caterpillar – C15: 435 hp to 550 hp

TRANSMISSION

- Eaton Fuller – 10-, 11-, 13-, 15- and 18-speed manual; 10- and 18-speed AutoShift; 10- and 13-speed UltraShift
- Allison Automatics with or without PTO



AXLES: FRONT

- Set-back and set-forward configurations
- Proprietary and ArvinMeritor – 12,000 lb. to 20,000 lb.

AXLES: REAR

- Proprietary and ArvinMeritor – 23,000-lb. to 30,000-lb. single; 40,000-lb. to 70,000-lb. tandem; 69,000-lb. tridem

SUSPENSION

- 30,000-lb. to 40,000-lb. four-spring flatleaf
- Freightliner – 40,000-lb. to 46,000-lb. airliner
- Freightliner – 40,000-lb. to 46,000-lb. TufTrac
- Hendrickson RT, HaulMaax and PriMaax

ADDITIONAL OPTIONS

- Frames and inserts to balance strength, weight and cost
- Rear engine power takeoff
- Pusher and tag suspensions





A **NAVISTAR** COMPANY

PAYSTAR SERIES

EXTERIOR

- Classic, long-nose styling on 5900i
- All-aluminum cab and doors
- Standard E-coat dip/base coat urethane clear coat paint for superior corrosion and fade resistance
- Chrome-plated steel or aluminum swept-back bumper
- Chrome headlight bezels
- Three-point center-mounted hood with integral splash panels
- Stainless steel grille with protective bug screen; optional bright-finish grille surround (standard with Eagle Interior)
- Fully curved and sloped wraparound windshield with large wiper pattern, one-piece or two-piece

INTERIOR

- Eagle interior features ivory-faced gauges, special headrest covers, oversized storage pocket, wood grain accent, Thermos holder, coat hook and custom trim accent colors
- Integrated auxiliary power unit factory-installed
- Optional sliding rear window

CHASSIS

- Frame rails: 12.5-in. severe-service system; 10.88-in. single available on tractors and transfer dumps
- Wheelbase: Up to 300 in.
- Bumper to back of cab: 5500i and 5600 –114 in.; 5900i –120 in.
- Set-back axle options for certain models
- Clean CA for body mounting
- Optional factory frame piercing

ENGINE

- International – MaxxForce
- Cummins – ISM and ISX
- Caterpillar – C11, C12, C13 and C15

TRANSMISSION

- Eaton Fuller – 8LL-, 10-, 11-, 13-, 15- and 18-speed manual; 10- and 18-speed AutoShift
- Allison – 5- and 6-speed automatic 4500 RDS



AXLES: FRONT

- ArvinMeritor – 12,000-lb. to 22,000-lb. nondrive; 16,000-lb. to 23,000-lb. drive (not available on 5900i)

AXLES: REAR, SINGLE

- Dana Spicer – 23,000 lb.
- ArvinMeritor – 23,000 lb., 30,000 lb.

AXLES: REAR, TANDEM

- Dana Spicer – 40,000 lb. to 46,000 lb.
- ArvinMeritor – 40,000 lb. to 80,000 lb. (to 58,000 lb. on 5900i)

SUSPENSION

- Choice of on- and on/off-highway walking beam and Bar-Pin beam suspensions based on steel springs, rubber mounts or air
- Hendrickson, IROS, Chalmers, Newey and PriMaax

FUEL TANK

- 60 gal. to 240 gal., right or left side
- Optional 60 gal. hydraulic reservoir

ELECTRICAL

- Leece-Neville – 110 amp to 200 amp alternators
- Delco-Remy America – 110 amp to 145 amp alternators
- Delphi – 1,900, 2,050, 2,600, 2,775 cold-cranking amp battery system
- Long-life halogen headlights
- Advanced self-testing diagnostics



KENWORTH T800

EXTERIOR

- Sloped hood for better visibility
- 116-in. and 123-in. bumper to back of cab available
- Extended day cab option available with 6-in. length and 5-in. height, additional 2 cu.-ft. of storage space
- DayLite doors with optional corner windows
- Three options for diesel particulate filter location: under cab with tailpipe up side of cab/sleeper or up back of cab; vertical back of cab/sleeper with vertical tailpipe; horizontal back of cab with horizontal tailpipe
- Broad range of severe-service options



SEATS

- Two-tone seats
- Kenworth Air Cushion Plus and Premium Plus; Steel Tool Box Plus; battery box seat; 2-person bench seat
- Bostrom
- Sears manufacturing
- Material: Vinyl, cloth, Mordura, leather
- Colors: Slate gray, steel blue, Bordeaux red, jet black

CHASSIS

- Wheelbase: Specified in 100 mm increments
- Frame rails: Seven sizes to meet strength and weight requirements

ENGINE

- Caterpillar – C9, C13, C15: 305 hp to 600 hp
- Cummins – ISL, ISM, ISX: 310 hp to 600 hp

TRANSMISSION

- Eaton Fuller – 10-, 11-, 13-, 15- and 18-speed manual; 10- and 18-speed AutoShift
- Allison – 5-, 6- and 7-speed automatic

AXLES: FRONT

- Dana/Spicer – 12,000 lb., 13,200 lb., 14,600 lb., 20,000 lb., 22,000 lb., 24,000 lb.
- Meritor – 12,000 lb., 13,200 lb., 14,600 lb., 20,000 lb.

AXLES: REAR

- Dana Spicer – 40,000-lb., 44,000-lb., 45,000-lb., 46,000-lb., 52,000-lb., 60,000-lb. and 70,000-lb. dual drive
- Meritor – 40,000-lb., 44,000-lb., 50,000-lb., 52,000-lb., 58,000-lb. and 70,000-lb. dual drive
- Sisu – 58,000-lb. and 70,000-lb. dual-drive (planetary)

AXLES: REAR, TRI-DRIVE

- Dana Spicer – 58,000 lb.
- Meritor – Up to 69,000 lb.

SUSPENSION: FRONT

- 59-in. taperleaf: 12,000 lb. to 22,000 lb.
- 59-in. carbon composite: 12,000 lb.

SUSPENSION: REAR, DUAL-DRIVE

- Kenworth: 38,000-lb. AG380; 40,000-lb. AG400; 46,000-lb. AG460
- Chalmers: 40,000 lb., 46,000 lb., 50,000 lb., 52,000 lb., 65,000 lb.
- Hendrickson: 40,000 lb., 46,000 lb., 52,000 lb., 65,000 lb.
- Neway: 46,000 lb.; 52,000 lb.

SUSPENSION: REAR, TRI-DRIVE

- Kenworth: 69,000-lb. AG690
- Hendrickson: 69,000 lb.
- Neway: 69,000 lb.; 78,000 lb.

Vocational trucks



GRANITE MP AXLE-FORWARD AND AXLE-BACK

EXTERIOR

- Bright Finish Package: grille and grille surround; bumper and brush guard; head, marker and clearance lights; steps; fuel tanks; air reservoirs; battery box lid
- Mack polished aluminum toolbox
- Alcoa polished aluminum wheels
- Mack stainless steel accessories, Dieter's Metal
- Bright finish exhaust, single or dual

INTERIOR

- Choice of color: sandstone or slate gray
- Galvanized steel cab with visibility door
- Tilt and telescope steering wheel
- Large passenger door peep window
- Bostrom Talladega 915 air-ride seating
- Mack in-dash driver information display; interactive Co-Pilot optional
- Full gauge packages
- Communication package, CB radio or provisions for CB
- Multiple 12-volt outlets for power inverter for various appliances
- Purebred Pedigreed Champion Blend-Air HVAC with R134a refrigerant
- Trim levels with spray and wipe surfaces

CHASSIS

- Cornerstone chasis system
- Frame rails: 0.3125 in. with 0.25-in. liner, standard;

- 0.375 in. and 0.375 in. with 0.25-in. liner, optional
- 116-in. bumper to back of cab; flush bumper, extended available
- Wheelbase: 175 in. to 326 in.

ENGINE

- Mack – MP7: 11 liter, 325 hp to 405 hp, torque ratings of 1,260 lb.-ft. to 1,560 lb.-ft.; MP8: 13 liter, 415 hp to 485 hp, torque ratings of 1,540 lb.-ft. to 1,700 lb.-ft.
- Choice of two Mack catalyzed diesel particulate filters: Capsule or VBOC (vertical back of cab)

TRANSMISSION

- Mack – 8-speed TM308, ratios: 177.77 low to 0.71 high
- ArvinMeritor – 17N HD Main and 17N HD interaxle driveline with coated splines

AXLES: FRONT

- Mack – 12,000-lb., 14,600-lb., 18,000-lb., 20,000-lb., 23,000-lb. UniMax FXL

AXLES: TANDEM

- Mack – 38,000 lb., 40,000 lb., 44,000 lb., 46,000 lb., 52,000 lb., 58,000 lb., 65,000 lb.
- Eaton – 40,000 lb.
- Dana Spicer – 46,000 lb.

SUSPENSION

- Front taperleaf or multileaf



MODELS 365 & 367

EXTERIOR

- Aluminum fuel tanks: 20 in., 23 in., 26 in.; 40 gal. to 150 gal.
- Aluminum split tanks: 23 in., 26 in.; 80 gal. to 150 gal.
- Hydraulic tanks: 23 in., 26 in.; 50 gal. to 100 gal.
- Air tanks: painted steel or painted aluminum, polished or natural aluminum
- Available configurations:

Model 365:

- SFFA, 115-in. bumper to back of cab, fiberglass hood and fenders, non-FEPTO
- SBFA, 115-in. bumper to back of cab, fiberglass hood and fenders, with or without FEPTO

Model 367:

- SFFA, 123-in. bumper to back of cab, fiberglass hood and fenders, non-FEPTO
- SBFA, 123-in. bumper to back of cab, sloped fiberglass hood and fenders, non-FEPTO
- SBFA, 123-in. bumper to back of cab, heavy haul, fiberglass hood and fenders, with or without FEPTO

CHASSIS

- Frame rails: 10.75 in., 10.5 in., 10.625 in., 11.625 in., 13.375 in.
- 115-in. or 123-in. bumper to back of cab
- A-braces and hitches also available.
- Axle configurations: 4x2, 4x4, 6x4, 6x6, 8x6 and optional lift axles

ENGINE

- Cummins – ISL: 345 to 365 hp; ISM: 280 hp to 410 hp; ISX: 385 hp to 600 hp
- Caterpillar – C9: 335 hp to 350 hp; C13: 305 hp to 470 hp; C15: 435 hp to 600 hp

TRANSMISSION

- Eaton Fuller manual – UltraShift DM3; AutoShift AS3 automated
- Allison automatic

AXLES: FRONT, I-BEAM TYPE

- Dana Spicer – 10,000 lb. to 22,000 lb.
- ArvinMeritor – 10,000 lb. to 20,000 lb.

AXLES: FRONT, DRIVING

- Marmon-Herrington – 23,000 lb.

AXLES: REAR, SINGLE

- Dana Spicer, ArvinMeritor – 21,000 lb. to 26,000 lb.



Peterbilt 365



Peterbilt 367

AXLES: REAR, TANDEM

- ArvinMeritor – 40,000 lb. to 70,000 lb.
- Dana Spicer – 40,000 lb. to 65,000 lb.
- Sisu – 58,000 lb. to 70,000 lb.

AXLES: REAR, TRI-DRIVE

- 58,000 lb. to 66,000 lb.

AXLES: LIFT

- Hendrickson – 8,000 lb. to 20,000 lb.
- Watson & Chalin – 8,000 lb. to 23,000 lb.

SUSPENSIONS: FRONT

- Peterbilt – 12,000-lb. to 23,000-lb. taperleaf with shocks
- 23,000-lb. split progressive with front drive axle

SUSPENSIONS: REAR, TANDEM

- 20,000-lb to 46,000-lb. Air Trac
- 38,000-lb. Air Leaf
- 40,000-lb. Low Air Leaf
- 38,000-lb. FLEX Air
- 66,000-lb. tridrive Air Trac
- Reyco – 79KB, 102, 23,000 lb. to 31,000 lb.
- Chalmers – 40,000-lb. to 50,000-lb. 850 Series
- Hendrickson – 40,000-lb. to 65,000-lb. R, RT, RTE, RS, HMX
- Neway – 52,000 lb.

Vocational trucks



L/LT 9500

EXTERIOR

- Bumpers of painted steel, chrome steel and aluminum
- PTO driven by crankshaft, flywheel or transmission
- Hood- and radiator-mounted grille with bug screen options
- Forward or aft fuel tank mounting
- Fuel tank sizes: 50 gal. to 150 gal. (aluminum)
- Inside or outside air intake
- Stationary or sliding fifth wheel
- Various horizontal and vertical or frame-mounted exhaust configurations
- Wider tandem spacing for chain clearance
- Synthetic engine, transmission and axle lubricants
- Driver-controlled traction differential
- ABS with traction enhancement
- Rubber or air cab mounts
- Splash shields that swing up and away
- 70-degree opening tilt for hood

INTERIOR

- Standard or premium vinyl trim in three choices
- Driver seats in mid-back and high-back
- Two-person passenger seat and toolbox
- Tilt or telescoping steering column
- Cab construction of double-sided galvanized steel welded assembly
- Cab door openings 51.25 in. x 38.25 in. (1,960 sq.-in.) with 55-degree door swing
- 70.75 in. cab shoulder width

CHASSIS

- Frame rails: Six dimensions, all 120,000 psi steel

- 111-in., 113-in. and 122-in. bumper to back of cab options

ENGINE

- Caterpillar – C13: 305 hp to 470 hp; C15: 435 hp to 625 hp
- Detroit Diesel – MBE 4000, 350 hp to 450 hp

TRANSMISSION

- Eaton Fuller – 10-, 10-autoshift, 11-, 13-, 15- and 18-speed
- Allison 4000/5000

AXLES: FRONT

- ArvinMeritor – 10,000 lb. to 20,000 lb.
- Sterling – 10,000 lb. to 20,000 lb.
- Hendrickson Steertek – 12,000 lb.
- Front axle position: 111-in. bumper to back of cab has its front axle set forward 29 in. from the bumper; 113-in. bumper to back of cab has its front axle set back 49 in. from the bumper

AXLES: REAR

- Single: 17,500-lb. to 30,000-lb. ArvinMeritor
- Tandem: 34,000-lb. to 44,000-lb. Sterling; 40,000-lb. to 68,000-lb. ArvinMeritor

SUSPENSION: FRONT

- 10,000-lb. to 20,000-lb. taperleaf; 14,600-lb. to 20,000-lb. flatleaf; 12,000-lb. airliner

SUSPENSION: REAR

- Single: 23,000-lb. to 31,000-lb. flatleaf; 18,000-lb. to 23,000-lb. taperleaf; 21,000-lb. to 23,000-lb. airliner; 23,000-lb. Hendrickson Primaax
- Tandem: 36,000-lb. to 40,000-lb. flatleaf; 40,000-lb. to 52,000-lb. TufTrac; 40,000-lb. to 46,000-lb. airliner; 40,000-lb. to 52,000-lb. Hendrickson; 40,000-lb. to 46,000-lb. Hendrickson HaulMaax; 46,000-lb. Hendrickson PriMaax; 50,000-lb. Chalmers

VHD DAY CAB

EXTERIOR

- 113.6-in bumper to back of cab
- 29.1-in. and 51.2-in. front axle positions
- Configurations: 6x4 and 8x4 tractor; 4x2, 6x2, 6x4, 8x4, 10x4, 12x4 and 8x6 truck
- Medium hood

ENGINES

- Volvo – D13: 335 to 485 hp, 1,350 lb.-ft. to 1,650 lb.-ft. of torque

CLUTCH

- Volvo Sachs – 17-in. single-plate dampened organic
- Eaton Fuller – 15.5-in. two-plate dampened cerametallic: easy pedal, solo, adjustment-free
- ZF Meritor – 15.5-in. cerametallic limited double-plate

TRANSMISSIONS

- Volvo – 12-speed I-Shift
- Eaton Fuller – FR, FRO, RTO, RTLO; 10-, 11-, 13-, 15- and 18-speed AutoShift
- Allison – 4-, 5- and 6-speed 4000 and 4500 Generation 4 Series

FRONT AXLES

- Volvo – 16,500-lb., 18,800-lb., 20,800-lb. and 22,800-lb. VF 20 and VF 22,
- ArvinMeritor – 12,500-lb., 14,600-lb., 18,800-lb., 20,800-lb. and 22,800-lb. FG941 and FL941

FRONT SUSPENSIONS

- 12,500 lb., 14,600 lb. parabolic leafspring
- 16,500 lb., 18,800 lb., 20,800 lb. and 22,800 lb. multileaf spring; left hand or right hand stiffer

REAR AXLES

- ArvinMeritor – 40,000-lb., 44,000-lb., 46,000-lb., 52,000-lb. and 58,000-lb. RT40, RT 44, RT 46, RT 52, RT 58, MT40 and MT 46; hypoid-generoid and amboid gearing; interaxle and full differential lock
- Volvo – 58,000-lb. RT2610HV; 65,000-lb. RT3210HV

REAR SUSPENSIONS

- Volvo – 40,000-lb., 44,000-lb., 46,000-lb., 48,000-lb., 52,000-lb., 58,000-lb., 65,000-lb. and 70,000-lb. T-Ride
- Hendrickson – 40,000-lb., 44,000-lb. and 46,000-lb. HAS; 44,000-lb. and 46,000-lb. HaulMaxx; 40,000-lb.

Volvo Trucks. Driving Success.®



RT403; 44,000-lb. and 46,000-lb. RT463; 58,000-lb. RT650

TIRES

- Bridgestone (standard)
- Goodyear
- Michelin

WHEELS

- Hayes Lemmerz – Pre-painted steel
- Accuride – Pre-painted steel, powder coat steel, aluminum, polished aluminum, Accu-shield polished aluminum
- Alcoa – Aluminum, polished aluminum, Dura-bright polished aluminum
- 22.5 x 8.25; 22.5 x 9; 22.5 x 12.25; 22.5 x 13.00; 24.5 x 8.25

BRAKE SYSTEM

- Volvo Enhanced Stability Technology
- Bendix ABS 6
- Traction control added to ABS

FRAME RAILS

- 11.81 in. x 3.54 in. x 0.28 in.; 11.81 in. x 3.54 in. x 0.31 in.; 11.81 in. x 3.54 in. x 0.38 in.; 11.81 in. x 3.54 in. x 0.44 in.; 11.81 in. x 4.13 in. x 0.44 in.

INTERIOR TRIM PACKAGES

Three interior trim packages in four color selections



4900 FA, 4900 SA, 4900 EX

EXTERIOR

- Two-piece, curved, bonded windshield
- 14-in., 16-in. or 18-in. straight or swept back bumpers; painted steel, chrome steel or aluminum; logger bumpers available
- Exterior and underhood air cleaners
- Inboard horizontal aftertreatment device with B-pillar mounted single and dual vertical tailpipes; frame-mounted vertical aftertreatment device with vertical top stack; outboard understep-mounted aftertreatment device with B-pillar mounted vertical tailpipes
- Welded, monobody-design Galvannealed steel cab
- Fiberglass tilt hood with hood-mounted grille standard; fiberglass tilt hood with radiator-mounted grille available with 8-in. to 29-in. front-frame extensions; optional heavy-duty hood mounting; butterfly hood optional with 4900SA

INTERIOR

- Leather-wrapped steering wheel
- Star Gauge system with chrome or gold bezel package
- Dash wing soft touch; available in gray, black or tan
- National, Bostrom or EzyRider air ride driver or passenger seats
- Dakota vinyl, Mesa vinyl and Phoenix cloth available in blue, gray, maroon or tan

CHASSIS

- Frame rails: 0.3125-in. x 10.625-in. SC, 120,000 psi; 0.375-in. x 10.75-in. SC, 120,000 psi; 0.375-in. x 11.625-in. SC, 120,000 psi; 0.3125-in. outer and 0.25-in. inner DC, 120,000 psi; 0.375-in. outer and 0.25-in. inner DC, 120,000 psi; 0.375-in. outer and 0.375-in. inner DC, 120,000 psi
- Partial inner frame reinforcements available

ENGINE

- Detroit Diesel – Series 60: 425 hp to 515 hp; MBE 4000: 350 hp to 450 hp;
- Caterpillar – C13: 305 hp to 470 hp; C15: 435 hp to 625 hp



TRANSMISSION

- Eaton Fuller – 10-, 13-, 15- and 18-speed manual; 10-, 13- and 18-speed UltraShift
- Allison – 4000 and 4500 RDS Automatic

AXLES: FRONT

- ArvinMeritor – 12,000 lb. to 22,000 lb.; tandem steer rated at 40,000 lb.
- Steertek – 12,000 lb.
- Proprietary – 12,000 lb. to 18,000 lb
- Driving steer axles: 22,000 lb. to 23,000 lb.

AXLES: REAR

- ArvinMeritor – 23,000 lb., single; 40,000 lb. to 58,000 lb., duals; 70,000 lb., planetary
- Proprietary: 40,000 lb. to 44,000 lb., duals
- Tridem: 69,000 lb. to 105,600 lb.

SUSPENSION: FRONT

- Western Star – 12,000-lb. to 20,000-lb. spring; 36,000-lb. to 40,000-lb. tandem steer slippered
- Airliner: 12,000 lb.

SUSPENSION: REAR

- Chalmers 800 Series – 40,000 lb. to 52,000 lb.
- Hendrickson Spring – 40,000 lb. to 65,000 lb.
- Tuftrac Spring – 40,000 lb. to 52,000 lb.
- Neway – 46,000 lb. to 52,000 lb.; 69,000 lb., tridem; 78,000 lb., tridem
- Airliner: 69,000-lb. tridem