

# L-700



## STANDARD EQUIPMENT

### ENGINE

Wolfsberg Diesel 874210, 2-cycle, 651 cu. in. displacement, 235 BHP (S.A.E.) at 1950 RPM, 450 foot pounds maximum torque at 1200 RPM, water-cooled with 2800 cc water jacket, overhead valves, turbocharged v-8's, 20" diameter high-mounted fan, 41 wheel hubwheel bearings, Full flow oil filter, two fuel filters, VA (V) air compression, Bendix automatic fan hub.

### ELECTRICAL SYSTEM

12-volt lighting system with automatic master circuit breakers, circuits master panel, 5-amp-20-amp-40-amp fuses, 24-volt starting system with automatic circuit breaker, four 6-volt, Group 4 batteries, 85 amp lead-acid battery alternator, cab-mounted self-canceling directional signals with auto flash control, single headlights, 1 amp marker lights in 100' location, dual side and all lights/blinkers, front side marker lights and reflection, key-start switch.

### COOLING SYSTEM

1200 radiator with 1200 sq. in. frontal area, Removable top and bottom tanks, Top tank baffled for secondary, Swirl resistant recovery tank, 10 lb. pressure relief cap, Full fan shroud, Shutterless cooling, Swirl-on water filter, Permanent-type anti-freeze.

### EXHAUST

Single vertical exhaust center with muffler, stainless steel, 7' free section for vibration isolation, and steel band clamp, Exhaust stack height 70" .

### AIR INTAKE

One-piece 15" 75A dry-base air cleaner with filter restriction indicator, automatic rotator actuator, Molded rubber sleeves and stainless steel clamps all connections.

### TRANSMISSION

Fuller 4810, 10-speed twin-countershaft.

### CLUTCH

Spicer single spring 14" diameter sub-clutch assembly, Self-adjusting clutch cover.

Optional Equipment shown available upon request.

### DRIVELINE

Becker 1410 series with 31000 center bearing and hooded bearing universal joints, Slideway yoke, Beveled driveline for mud accumulation.

### FRONT AXLE

Becker 1410 series, 12,000 lb. rated capacity, forged 4 inch rods, 11-1/2" bolt circle for disc wheels, 97' seats.

### FRONT SUSPENSION

12,000 lb. normal capacity, constant rate leaf spring 20 wide x 57 long, Double Windup Steer, MacPherson or torsion axle, Threaded steel spring pins and bushings.

### STEERING

Spicer manual steering gear with triple roller contact and electrical housing, 27" steering wheel.

### REAR AXLE

Rockwell 50-0, hypoid single reduction tandem axle, 35,000 lb. rated capacity, forged aluminum hub for disc wheels, 11-1/2" bolt circle, Inter-axle differential lock-out, 97' seats.

Refer to code number chart as specified on sales order.

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(Standard Equipment continued)

## REAR SUSPENSION

Independent 20x100 suspension;  
30,000 lb. rated capacity.

## SERVICE BRAKES

BrakeWELL 3-cam air brakes: 10 1/2" x 3", front; 10 1/2" x 2 1/2" rear.  
Dust shields for brakes on rear axle.  
Leaf springs.  
Talon PMS 100 Suspension.  
Fluo valve for service brakes.

## TIRES

10.00R20 12-ply rated,  
100 load, nylon highway tread  
(10 furnished).  
Front.  
Rear.

## WHEELS

22" x 7.5" disc; pipe tractive,  
lightweight steel (10 furnished).  
Front.  
Rear.

## FRAME

Heat-treated, 110,000 P.S.I.,  
A513, steel.  
10" frame depth with 2" flange  
width and 2" web thickness.  
Square rear frame.

## CAB

31" See-You-Around style with  
back at cab on centerline of  
the front axle.  
Steel frame with aluminum and  
frictionless joints with all  
adjustment doors and continuous  
glass-type hinges.  
Hydraulic cap latch and lift  
eye limit 53" lift.

## CAB FEATURES

800 cubic inch compressor and  
rear cap panel.  
Front air heater, and integral  
adjustable defroster.  
Windshield: fixed, heat-  
absorbing laminated safety  
glass.  
Door windows: tilted, heat-  
absorbing tempered safety  
glass, manual slide.  
Safety window on right door.  
Two-way vent in left door.  
Stationary rear cab window.  
Left and right inside door  
locks.  
Full floor mat.  
Insulation in cab roof, doors,  
side and rear panels.  
Recessed instrument panel.  
Storage shelf.

## ACCESSORIES

Gas-actuated variable speed  
windshield wipers with  
separate motor, heavy duty  
non-glass arm and parking  
control.  
Electric windshield wipers.  
Cam Door Light.  
Dual electric horns.  
37" x 18" dual polished stainless  
steel mirrors on  
stainless steel brackets  
inside cab door, driver's side.  
Inside worklamp, driver's side.  
Cigarette lighter and one  
socket.  
Arm rest on floor.  
Black vinyl hood slatwork.  
Driver and rear side grab  
rails.  
Seat belts.

## SEATS

SEATER - Ecocore Duflex Tere-  
lene.  
SEED - Seat with foam padding,  
30" wide cushion on  
back, upholstered with  
black vinyl.

## WARNING LIGHTS

Low air pressure warning light  
and buzzer.  
High beam indicator.  
High water temperature (210°F.)  
and low air pressure warning  
light and buzzer.  
Intermittent differential warn-  
ing light.  
Electric back-up alarm wiring  
and buzzer.

## INSTRUMENTS AND GAUGES

Galvanizer.  
Fuelwater, with odometer.  
(electronic)  
Electronic tachometer.  
Engine oil pressure gauge.  
Water temperature gauge.  
Secondary air pressure gauge.  
Electric fuel gauge.  
Air pollution gauge.

## PARKING BRAKE

ROF brake - dual axle, spring  
and ball joint release.

## FUEL TANK

One 15 gallon 22" diameter steel  
tank behind the cab on right  
hand side.

## STANDARD EQUIPMENT

Steel bumper 31" setting.  
Front end flap.  
Two end flaps at rear.  
Aluminum parallel battery box,  
18" back of cab.  
Operator's Manual.  
Bussbars front tow hook.  
(ATE STATE TOWER PATENTED BRAND)

## PAINT

Cab Exterior -  
Duffco Code 21440 - white.  
Cab Interior -  
Duffco Williams: Flat Black  
100-02.  
Frame -  
Duffco Code 204 - Black.

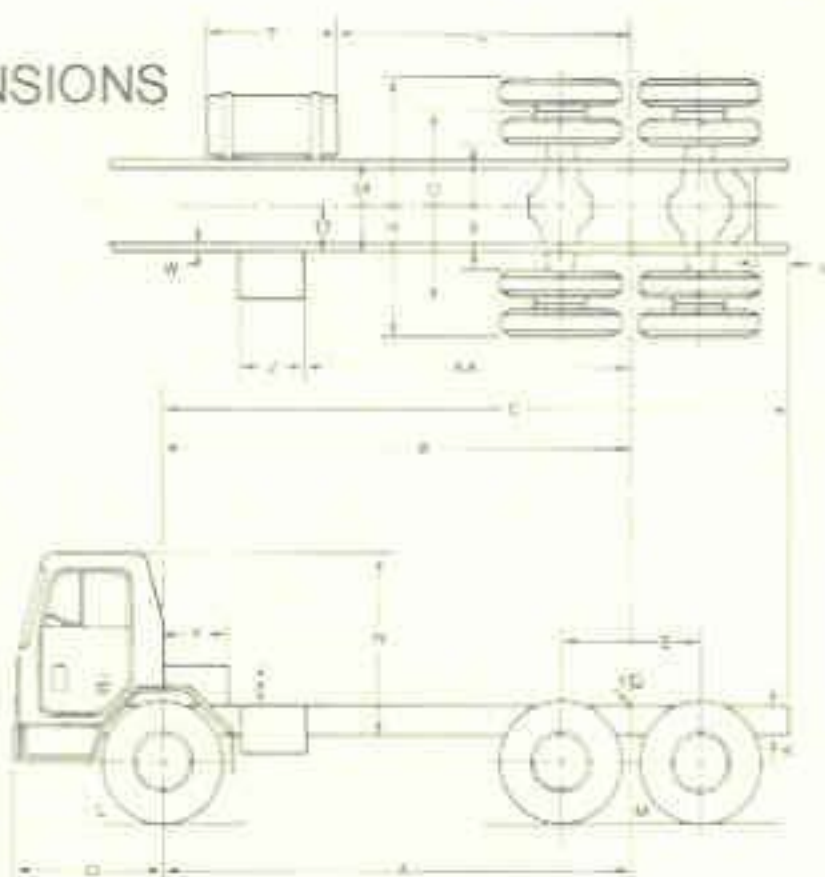
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# THE KENWORTH L-700 BODY BUILDERS' DIMENSIONS

A WHEELBASE	177"
B BACK OF CAB TO C/L BOGIE	177"
C BACK OF CAB TO END OF FRAME	237"
D FRONT BUMPER TO FRONT AXLE	58"
E REAR AXLE SPACING	52"
F REAR FRAME HEIGHT UNLADEN	Variable
G REAR FRAME HEIGHT LADEN	Variable
H FRONT FRAME HEIGHT UNLADEN	Variable
J FRONT FRAME HEIGHT LADEN	Variable
K FRAME CHANNEL DEPTH	10" Std., 10.75" Optional
L TIRE SIZE, FRONT	Optional
M TIRE SIZE, REAR	Optional
N CAB HEIGHT	61"
O FRAME TO REAR WINDOW	33" Nom.
P REAR WINDOW SIZE	17 x 30
Q TRACK	Variable
R WIDTH O.A.	Variable
S FACE TO FACE INSIDE TIRE	Variable
T FUEL TANK LENGTH	45 Gal - 33", 75 Gal - 52.5"
U FUEL TANK LOCATION	45 Gal - 96.75", 75 Gal - 89.75"
V REAR C.M. LOCATION	Flush
W FLANGE WIDTH	10", W - 3", 10.75", W - 3.5"
X ENGINE ABOVE FRAME	NTC, X - 18.5", 6171, X - 14.3"
Y BACK OF CAB TO BACK OF ENGINE	NTC, Y - 17", 6171, Y - 25"
Z BATTERY BOX LENGTH	31.5"
AA BATTERY BOX LOCATION	100.5"



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



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