

# CARGO TRACTOR

BY  
STEWART & STEVENSON SERVICES

MODEL  
BT-345



## Model BT-345 Cargo Tractor

### Specifications

#### GENERAL

Vehicle Type	Cargo Tractor
Weight (GVW)	4,500 Lbs. (2,041 Kg.)
(GVW)	6,000 Lbs. (2,722 Kg.)
(GVW)	8,000 Lbs. (3,629 Kg.)
Standard Draw Bar Pull	
@ 4,500 (GVW)	3,000 Lbs. (1,361 Kg.)
@ 6,000 (GVW)	4,000 Lbs. (1,814 Kg.)
@ 8,000 (GVW)	5,000 Lbs. (2,268 Kg.)
Maximum Speed	15 MPH (24.1Km/Hr.)

#### POWER SOURCE

Diesel Engine	ONAN (Industrial)
Model	L-634D (210 CID)
Number Cylinders	In-Line Six (6)

Length (Less Hitches)	106 In. (269 CM)
Width	56 In. (142 CM)
Height (W/O Cab)	50 In. (127 CM)
(W/Cab)	78 In. (198 CM)
Hitch Height	12 In. (30.5 CM)
Ground Clearance	6 In. (15.2 CM)
Wheelbase	58 In. (147 CM)
Outside Turning Radius	
Std. Two Wheel Steering	115 In. (292 CM)

Gasoline Engine	FORD (Industrial)
Model	CSG-649 (300 CID)
Number Cylinders	In-Line Six (6)

## Standard Equipment

### TRANSMISSION:

Automatic—Industrial Type  
Speeds—(3) Forward, (1) Reverse

### REAR DRIVE AXLE:

15.429 Overall Reduction with Torque Bias Differential

### FRONT STEER AXLE:

Solid Beam Type with King Pins. Inside Steer Angle is 56°. Wheel Movement Via Steering Box and Ball Joint Link.

### TIRES:

Steel Belted Radial, Industrial Grade with Highway Tread. Front Tire Size is 600R9, Rear Tire is 800R16.5.

### STEERING:

Hydraulic Power Assist.

### SERVICE BRAKES:

Dual Chamber Hydraulic Master Cylinder with Vacuum Assist. Dual Sets of Calipers on each Rear Wheel Provides Split Braking.

### PARK BRAKE:

Drum Brake on Transmission, Operated by Console Mounted Overcenter Handle.

### SUSPENSION:

Semi-Elliptical Leaf Springs, Front and Rear.

### HITCH:

Conventional E-Type

### ELECTRICAL:

Maintenance Free Battery  
Starting System—12 Volt D.C.  
Battery Charging System—12 Volt D.C.

### CONTROLS:

Console Mounted Shifter With Forward, Neutral, and Reverse  
Neutral Start Switch

### INSTRUMENT PANEL:

Engine Lube Oil Pressure Gage  
Engine Water Temperature Gage  
Battery Charging Ammeter  
Hourmeter  
Anti-Re-Start Keyless Ignition Switch  
Glow Plug Light (Diesel)  
Panel Light

### SEATS:

Bucket Seats, Adjustable Fore and aft  
Hip Guard on Right Side of Passenger Seat

### FUEL:

14.5 Gallon Tank with Level Indicator.  
Flame Arrestor Vented Fuel Filler Cap.

### ACCESSORIES:

Head Lights  
Tail Lights  
Brake Light  
Horn  
Glow Lights (Diesel)

## Optional Equipment

Safety Shut Down  
Cab with Wipers, Heater, and Defroster  
Cab Mounted Clearance Lights  
Turn Signals  
Back-Up Lights  
Rotating Amber Beacon  
Park Brake On—Warning Light  
Indicator Light for Failed Split-Braking System  
Bench Seat—Vinyl or Wood Slat  
Manual Steering  
Front Wheel Brakes

Radiator Overflow Siphon Tank  
Cold Weather Option  
Battery Heater  
Non-Maintenance Free Battery/S  
Rub Rails and Rubber Push Pad  
Pintle Hook  
Hitch Extension  
Spark Arresting Muffler  
Special Paint  
ELFOD Magnet

The BT-345 is a new series of CARGO TRACTORS Stewart & Stevenson has developed for the Aircraft Ground Support Industry. Stewart & Stevenson offers TOW/GATE TRACTORS in both Diesel and electric driven configurations ranging from 16,000 to 90,000 Lbs. GVW. Stewart & Stevenson also manufactures Electrical Ground Power Units ranging 37½ to 200 KVA and Air Start Units from 120 PPM to 300 PPM. Stewart & Stevenson backs its equipment with complete Parts and Service Responsibility around the clock, anywhere in the world.

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