

# DIESEL TOW TRACTOR

BY  
STEWART & STEVENSON SERVICES

MODELS GT-28  
GT-32



GateR Tow Tractor

## Specifications

### GENERAL

Vehicle Type	Aircraft Gate Tractor
Weight GT-28	28,000 Lbs. (12,701 Kg)
GT-32	32,000 Lbs. (14,515 Kg)
Maximum Tractive Effort	
GT-28	14,000 Lbs. (6,350 Kg)
GT-32	16,000 Lbs. (7,258 Kg)
Maximum Speed	14 MPH (22.5 Km/Hr)
Length (Less Hitches)	144 In. (365.8 CM)

### POWER SOURCE

Diesel Engine	GM Detroit Diesel Allison
Type	(2) Two Cycle
Number Cylinders	Three (3)

### GENERAL

Width	80 In. (203 CM)
Height (W/O Cab)	48 In. (122 CM)
(W/Cab)	68 In. (173 CM)
Hitch Height	16 In. (40.6 CM)
Ground Clearance	8 In. (20.3 CM)
Wheelbase	66 In. (167.6 CM)
Outside Turning Radius	
Std. Two Wheel Steering	15 Ft. 8 In. (4.77 M)

### POWER SOURCE

Brake HP	101 @ 2800 RPM
Bore & Stroke	3.875 in. x 4.5 in. (98 MM x 114 MM)
Eff. Displacement	318 Cu. In. (5.2 L)

## Standard Equipment

### TRANSMISSION

Two Wheel Drive . . . . . Allison AT-545 Automatic  
Speeds . . . . . Four (4) Forward — One (1) Reverse

### FRONT AXLE

Make . . . . . Soma of America  
Type . . . . . Planetary Drive/Steer  
Tire Size . . . . . 12.00 x 20 — 14 pr

### REAR AXLES

Make . . . . . Stewart & Stevenson  
Suspension . . . . . Torsion Coil — Independent  
Tire Size . . . . . 7.50 x 20 — 8 pr

### BRAKE SYSTEM

Service . . . Driveline Mounted Caliper Disc Brake at  
Front Axle 12 x 3 In.  
Drum Brakes on Rear Axles  
Parking/Emergency . . Mechanically Actuated Caliper  
on Front Disc

### STEERING SYSTEM

Type . . . . . Two (2) Wheel Hydraulic  
Pump . . . . . Direct Drive, Gear Type

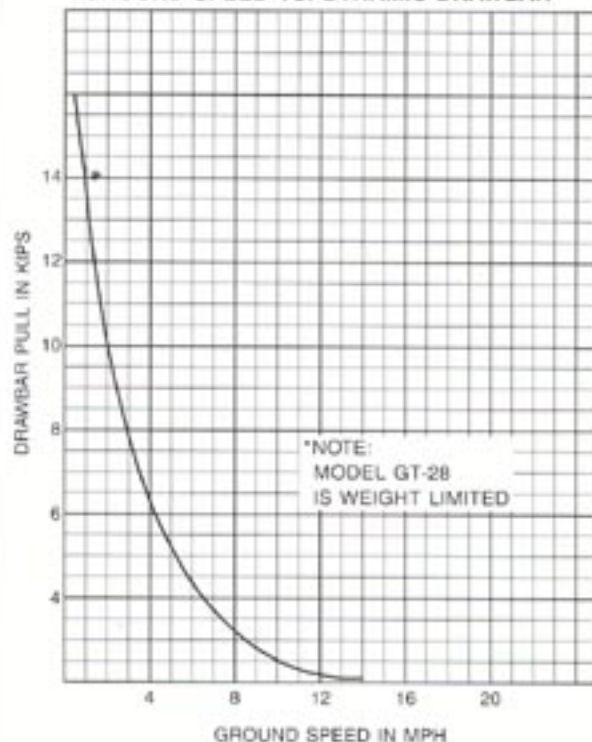
### ELECTRICAL SYSTEM

Starting System . . . . . 12 Volt D.C.  
Battery Charging System . . . 70 Amp — 12 Volt D.C.  
(High Output @ Idle Speed)

### ACCESSORIES

Headlights, Parking Lights, Stop & Tail Lights, Horn,  
Hourmeter, Engine Instruments.

GT-28 AND GT-32  
GROUND SPEED VS. DYNAMIC DRAWBAR



## Optional Equipment

Cab & Door Operators Compartment  
Cab Heater & Defroster  
Outside Rear View Mirrors

Radio Intercom Cabling  
Special Lighting Requirements  
Reduced Gross Weight

The GT-28 and the GT-32 are the first of a series of TOW/GATE TRACTORS Stewart & Stevenson has developed for the Aircraft Ground Support Industry. Stewart & Stevenson offers larger or smaller tractors in both Diesel and electric driven configurations. Also available are Electrical Ground Power Units ranging from 37½ to 200 KVA and Air Start units from 110 PPM to 270 PPM. Stewart & Stevenson backs it's equipment with complete Parts and Service Responsibility around the clock, anywhere in the world.