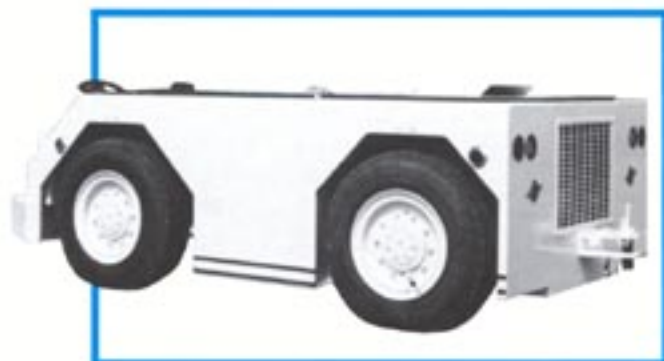


# AIRCRAFT TOW TRACTORS

MODEL GT-1628



The GT-1628 is the newest of a series of AIRCRAFT TOW TRACTORS Stewart & Stevenson has developed for the Aircraft Ground Support Industry. Stewart & Stevenson offers additional tow tractors from 16,000-100,000 lbs. GVW—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 120 PPM to 400 PPM. Stewart & Stevenson backs it's equipment with complete Parts and Service Responsibility around the clock, anywhere in the world.

## Specifications

### GENERAL

Vehicle Type . . . . . Aircraft Gate Tractor  
Weight (GVW) . . . . . 16,000 Lbs. (7,258 Kg)  
(GVW) . . . . . 28,000 Lbs. (12,701 Kg)  
Maximum Tractive Effort  
@ 16,000 GVW . . . . . 12,800 Lbs. (5,806 Kg)  
@ 28,000 GVW . . . . . 20,000 Lbs. (9,072 Kg)  
Maximum Speed . . . . . 15 MPH (24.1 Km/Hr.)  
Length (Less Hitches) . . . . . 157 In. (398.8 CM)

### POWER SOURCE

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

### OPTIONAL POWER SOURCE

Diesel Engine . . . . . Detroit Diesel 6.2

Width . . . . . 81 In. (206 CM)  
Height (W/O Cab) . . . . . 48 In. (122 CM)  
(W/Cab) . . . . . 81 In. (205 CM)  
Hitch Height . . . . . 16 In. (40.6 CM)  
Ground Clearance . . . . . 8 In. (20.3 CM)  
Wheelbase . . . . . 84 In. (213.4 CM)  
Outside Turning Radius  
Std. Two Wheel Steering . . . . . 15 Ft. 8 In. (4.77 M)

Brake HP . . . . . 145 @ 2,600 RPM  
Bore & Stroke . . . . . 3.875 In. x 4.5 In.  
Model . . . . . 3-53 Turbocharged

Type . . . . . (4) Four Cycle

## Standard Equipment

### TRANSMISSION

Four 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 . . . . . 7.50 x 20 – 14 ply

### REAR AXLES

Make . . . . . Soma of America  
Type . . . . . Planetary Drive/Rigid  
Tire Size . . . . . 7.50 x 20 – 14 ply

### BRAKE SYSTEM

Service . . . . . Four Wheel Drum Brakes,  
400 mm x 140 mm, Hydraulic Actuated  
Parking/Emergency . . . . . Mechanically Actuated Caliper  
on Inter-Axel Differential

### STEERING SYSTEM

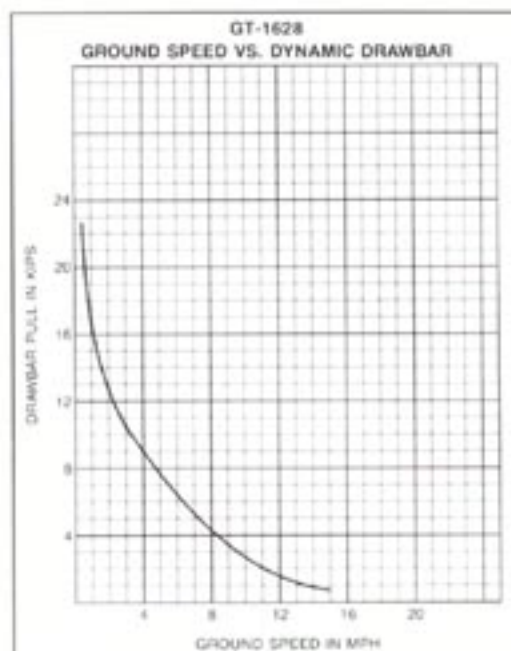
Type . . . . . Two (2) Wheel Hydraulic  
Pump . . . . . Direct Drive, Gear Type

### ELECTRICAL SYSTEM

Starting System . . . . . 12 Volt D.C.  
Battery Charging System . . . . . 60 Amp – 12 Volt D.C.  
(High Output @ Idle Speed)

### ACCESSORIES

Headlights, Parking Lights, Stop & Tail Lights, Horn, Hour-  
meter, Engine Instruments.



## Optional Equipment

Cab & Door Operators Compartment  
Cab Heater & Defroster  
Outside Rear View Mirrors  
Radio Intercom Cabling  
Special Lighting Requirements  
Reduced Gross Weight



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