

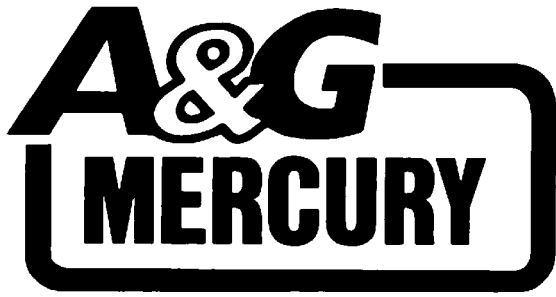
**Electric
Tow
Tractors**



**SERIES 300
Model 332, 333, 334**

MODEL	DRAW BAR PULL		VOLTS	WEIGHT WITHOUT BATTERY	
	POUNDS	NEWTON'S		POUNDS	KILOGRAMS
332	500	2,224	24	1,750	3,850
333	750	3,335	36	1,750	3,850
334	850	3,780	48	1,750	3,850

Drawbar pull is the ultimate start up pull on dry, freshly swept concrete, and on a level surface. **NOTE: IF UNIT IS TO BE USED ON RAMPS, PLEASE CONSULT THE FACTORY.**



All Mercury tow tractors feature a one-piece welded frame designed to protect components through a long service life, with reinforcement at high stress areas.

Leaf spring suspension on drive axle, with bronze bushings is a feature unique to A & G Mercury tow tractors. This provides a smooth ride and reduces shock loads to the drive train system.

The steering system on this model is like no other in the industry. Combined with the standard Tilt/Telescoping Steering Column and two gear boxes, the unit was designed so there is little effort to steer.

The Curtis Separately Excited Motor controller is standard equipment on the Model 300 series. The motor controller provides smooth and seamless control. Utilizing an advanced MOSSFET power section provides very high efficiency. The armature current is controlled at all times, reducing arcing and brush wear. Regenerative braking increases usable battery energy and reduces motor heating.

This model also includes as standard equipment an all-in-one Dash Display that provides the Battery Level, Hour Meter, Maintenance Indicator for service, and Programmable Maintenance monitor which allows end user to program for maintenance intervals.



Under side of Frame Shows the one-piece welded frame, as well as the strength of the frame due to the inner frame rails.



Note: Shown with Optional Strobe, Quick Charge Battery Connectors, & Rear Ball Hitch.

Standard Features and Options

ELECTRICAL

DRIVE MOTOR

Heavy duty shunt wound design 24/36 volt (48 Volt Optional) with Class H insulation and brazed commutator connections. Armature is dynamically balanced and mounted on ball bearings.

MOTOR CONTROLLER

The Curtis Separately Excited motor controller, the standard controller, uses Mossfet technology with cold contactor switching, which will give extended battery, and motor life which will give years of dependable service. Regenerative braking increases usable battery energy and reduces motor heating.

LIGHTING

The Model 300 has headlight and stop/tail light as standard equipment.

INSTRUMENT PANEL

All-in-one Dash Display that provides the Battery Level, Hour Meter, Maintenance Indicator for service, and Programmable Maintenance monitor which allows end user to program for maintenance intervals. The headlight is wired to the key so headlight is on at all times with key on.

DRIVE AXLE

Full Float carrier type housing with hypoid gears and two stage reduction and leaf spring suspension.

STEERING

Combined with the standard Tilt/Telescoping Steering Column and two gear boxes, the unit was designed so there is little effort to steer.

SERVICE/PARKING BRAKES

The service Brake and Parking brake caliper are one in the same. The Parking Brake is actuated with lever and is mechanically applied on caliper, while the service brakes are hydraulically applied by a brake pedal.

TRAVEL SPEED

The travel speed is adjustable from 0 to 8.03 mph (12.92 kmph).

TIRES

Front: Two 12" x 3" (305 mm x 76 mm)

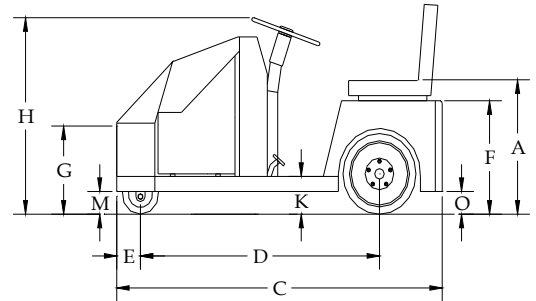
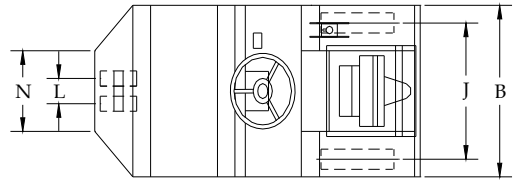
Casters.

Rear: 4" x 8" (102 mm x 203 mm) Solid Pneumatic.

OPTIONAL EQUIPMENT

- Over Head Guard
- Backup Alarm
- Strobe Light, Amber
- Low Battery Indicator Alarm
- Mercury Jaw Hitch
- Mercury Hook Hitch
- E-Hitch
- BX51 Eye Hitch
- Pintle Hitch
- Ball Hitch
- Hitch Release Lever
- Battery box with 110 Volt Charger

DIMENSIONS, MODEL 300		
CODE	INCHES	MM
A (SIT DOWN)	30	762
B	35	889
C	74	1880
D	53.5	1359
E	8	203
F	26	661
G	20.5	521
H	41-46	1041-1168
J	30.5	775
K	8.5	216
L	4	102
M	4	102
N	16	406
O	4	102



Outside Turning Radius: 60" (1,524 mm)
 Standard Hitch Height: 12" (305 mm)

BATTERY COMPARTMENT		
LENGTH	WIDTH	HEIGHT
32" (813 mm)	19.25" (489 mm)	22.63" (575 mm)

This unit is not sold with a Battery or Charger.

Specifications subject to change without notice.



Note: Shown with Optional Strobe, and Optional Quick Charge Battery Connectors, & A & G Mercury Trailer.



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