



**1000 Series (Gasoline/Propane/Diesel)
Tow
Tractors**

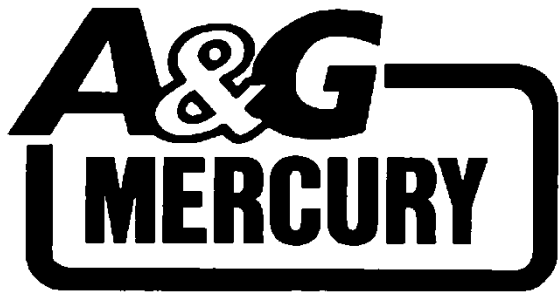


SERIES 1000
Model 80, 100, 120 AG
Model 80, 100, 120 AG-LP
Model 80, 100, 120 AG-D Diesel

All of our Tow Tractors complies with ANSI B56.9 Standards.

MODEL	DRAW BAR PULL		WEIGHT	
	POUNDS	NEWTON'S	POUNDS	KILOGRAMS
80	8,000	35,587	11,300	5,125
100	10,000	44,484	12,500	5,670
120	12,000	53,379	13,800	6,260

Drawbar pull is the ultimate start up pull on dry, freshly swept concrete, and on a level surface. If used on ramps or inclines the drawbar pull will be affected.

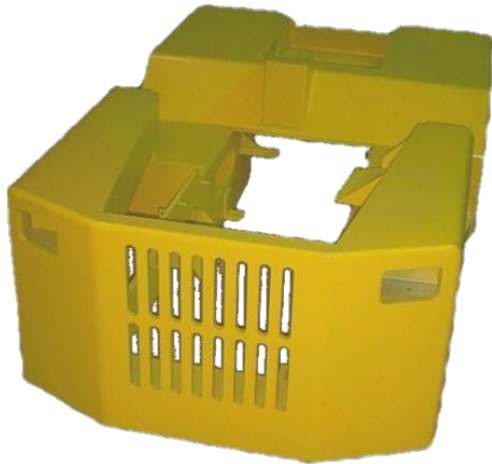


Tow Tractors built ruggedly for long service life.

A & G Mercury Model 80, 100, & 120 are rugged, highly maneuverable, heavy duty gasoline, propane, or diesel powered tractors designed and constructed to move extra heavy loads efficiently and economically. They provide maximum performance at low operating cost. Compare these features:

Standard Equipment

Lighting package includes 2 headlights, 2 taillights, & 2 backup lights. Instrument pane with volt meter, hour meter, anti-restart key switch, oil & temperature gauges, light switch and if gas or diesel a fuel gauge. Other equipment would be horn, 650 C.C.A. battery, standard cushion seat, power steering and hydraulic assist brakes, parking brake, and standard P-R-N-D-L shifter. Standard paint colors are Safety Yellow and Safety Orange.



The rugged one piece frame features a massive 6" (152.4 mm) thick rear bumper and 1" (25.4 mm) thick front bumper.

Fenders and steps are an integral part of the frame.



Leaf Spring Suspension Steer Axle



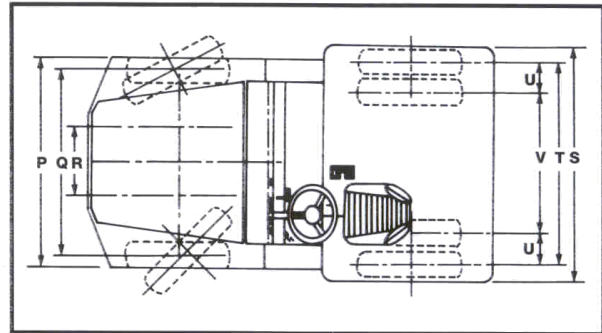
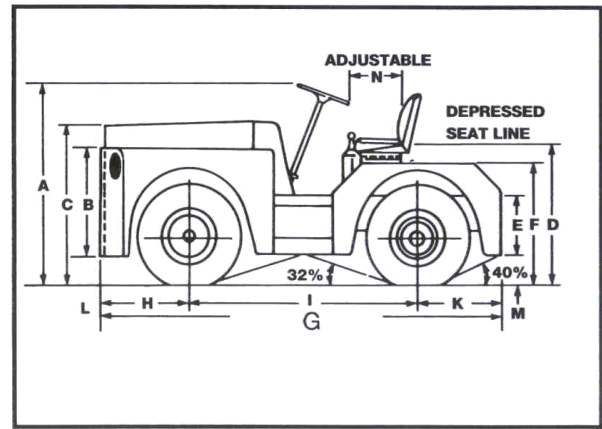
The heavy duty drive axle features inboard planetary reduction. Axle shafts and multiple wet disc brakes. The bronze discs are oil cooled for long life.

Standard Features/ Specifications		Optional Equipment																																
Standard Engine V6 4.3L Make & Model GM 4.3L V6 Type of Fuel Gas/LP Number of Cylinders V-6 Compression Ratio 9.4:1 Bore & Stroke 4.00"x3.48" (101.6 mm x 88.39 mm) Displacement 4.3 L (262 CID) Valve Configuration: Pushrod Actuated Overhead Valves Valve Lifters: Hydraulic Roller Horsepower 135 hp (101kw) @ 30000 rpm Torque 243 Ft.-Lbs. (330 NM) @ 2200 rpm Fuel Pump, Gasoline Electrical Fuel Delivery:SEFI (Gasoline) Carbureted (Propane) Oil Filter Replaceable spin-on Oil Pan Capacity 4.5 qt with filter Air Filter... Replace dry type element Cooling System Pressurized 7 psi Ignition Electronic Distributor Engine Standard Transmission Type..... GM 6L90E Electronic controlled Automatic overdrive transmission Speeds 6 Speed Forward, 1 Reverse Ratio's 1 st 4.03, 2 nd 2.4, 3 rd 1.5 4 th 1.2, 5 th 0.09, 6 th 0.67 Reverse 2.18 Torque Converter ECCC Variable Bleed Solenoid Cooling Integral Radiator Optional Diesel Engine Make DEUTZ 3.6L Number of Cylinders 4 Compression Ratio TBD Bore & StrokeTBD (TBD) Displacement TBD Horsepower TBD @ 2500 rpm Torque TBD @ 1500 rpm Fuel Pump Electronic Oil Filter Replaceable spin-on Air Filter.... Replace dry type element Cooling System Pressurized 16 psi	Electrical System Voltage 12 Volts Battery660 cca @ 32° F (0° C) Alternator 90 Amps (6.42L); 60Amps (Diesel) Dual halogen headlights, Stop/Tail/ Backup lights are all recessed. Horn, Volt Meter, Oil & Temperature gauges as well as Fuel gauge on fuel powered vehicles Drive Axle Type Rigid inboard planetary Gears Epicyclical with double reduction Ratio Overall 32.57:1 G.A.W. Rating 33,000 lbs (15,000 kg) Steer Axle Type3.5" (889 mm) with forged ends and inclined king pins with bronze bushings. Heavy Duty 8 bolt wheel mounts G.A.W. Rating5,900 lbs(2,682 kg) Brakes Type Hydraulic brake valve front and rear are independent with accumulator for reserve power assist in event of pressure loss. FrontHydraulic dry disc with 13" (330 mm) rotor and 2.6" (66 mm) piston. Rear Hydraulic multiple wet disc brakes. Sealed and oil lubricated. Parking Brake SAHR (Spring Applied Hydraulic Release), with mushroom button to engage/disengage. Suspension Type Semi-elliptical leaf spring on both axles with double wrap at pivot pins. Pivot Pins Lubricated with bronze bushings Travel Speed (No Load/Level Surfaces) Engine at 2500 rpm <table><tr><td>Gear</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>R</td></tr><tr><td>MP</td><td>2</td><td>3</td><td>5</td><td>6</td><td>9</td><td>11</td><td>2</td></tr><tr><td>KP</td><td>3</td><td>5</td><td>8</td><td>10</td><td>14</td><td>18</td><td>3</td></tr><tr><td>H</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Gear	1	2	3	4	5	6	R	MP	2	3	5	6	9	11	2	KP	3	5	8	10	14	18	3	H								Equip your 1000 series tow tractor with A & G Mercury deluxe cab which includes heater, defroster vents, wiper, removable doors, sliding windows for doors, and rear, and insulation. ➤ Deluxe Cab ➤ Economy Cab ➤ Overhead Guard ➤ Backup Alarm ➤ Hitch Release Inside Operators Compartment ➤ Tie Down and Lift Brackets ➤ Strobe Light, Amber or Blue ➤ Flashing Light, Amber ➤ Seat Belt ➤ Grammer Suspension Seat Vinyl or Cloth ➤ Side View Mirrors ➤ Spark Arrestor ➤ Spare Tire & Wheel 1 Front & 1 Rear ➤ Tool Box ➤ LPG Fuel (Tank Not Included) ➤ Passenger Seat ➤ Turn Signals ➤ Tilt/Telescoping Steering Column ➤ Reflectors ➤ Special Paint (Standard Colors are Safety Yellow & Safety Orange) Tires ➤ Foam Filled ➤ Solid Pneumatic ➤ Non Marking Solid Pneumatic Hitches ➤ 2 5/16" (58.74 mm) Ball Hitch ➤ A & G Mercury H.D. Jaw Hitch ➤ E-Hitch ➤ ZB98 ➤ Eye ➤ Pintle
Gear	1	2	3	4	5	6	R																											
MP	2	3	5	6	9	11	2																											
KP	3	5	8	10	14	18	3																											
H																																		

DIMENSIONS, MODEL 1000		
CODE	INCHES	MM
A	64.25	1632
B	33.25	845
C	49	1245
D	43.25	1099
E	18	457
F	37.75	959
G	128	3251
H	28.5	724
I	70.5	1791
K	29	736
L	8	203
M	9.5	241
N	14-18	356-457
P	64	1625
Q	54	1371
R	21	533
S	70	1778
T	58.5	1486
U	9.44	240
V	40	1016

Outside Turning Radius: 163" (4,140 mm)
Intersecting Aisle: 100" (2,540 mm)
Standard Hitch Height: 12" (305 mm)

Specifications subject to change without notice.



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