

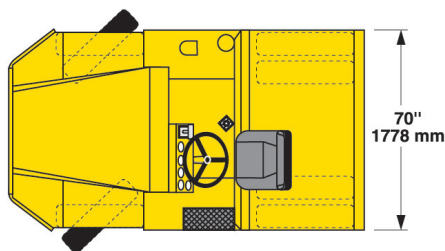


Proven design and reliability for ramp and industrial environments.

The M100 tractor is designed with a drawbar pull rating from 8,000 to 12,000 pounds (3,628 – 5,443 kilograms). It is an industry leader for airline, cargo and freight carriers. It has proven itself many times over on the ramp as well as in industrial applications requiring both durability and reliability.

The M100 is currently available with an EPA approved gasoline or LP engine, as well as with a Tier 3 diesel, for export. The power is transferred to the ground via a heavy duty planetary reduction drive axle driving dual rear wheel through an automatic transmission.

Customized configurations for every application are available.



Photos and illustrations may show optional equipment.

Features:

- ✓ 8,000 – 12,000 pound (3,628 – 5,443 kilogram) drawbar rating
- ✓ EPA approved gasoline or LP fuel; or Tier 3 export only diesel
- ✓ Factory new automatic transmission with separate transmission cooler
- ✓ Power assisted four wheel brakes
- ✓ Front and rear spring suspension
- ✓ Heavy duty fixture welded steel frame
- ✓ LED lighting
- ✓ Safety
 - Back up alarm
 - Horn
 - Anti-restart ignition switch
 - Engine safety shutdown (low oil pressure, high temperature)

M100 Tow Tractor

	IMPERIAL	METRIC		IMPERIAL	METRIC
Drawbar pull capacity			Dimensions & data		
Model 100-8K	8,000 lbs	3,628 kg	Length	124 in	315 cm
Model 100-10K	10,000 lbs	4,335 kg	Width	70 in	178 cm
Model 100-12K	12,000 lbs	5,443 kg	Height (without cab)	62.5 in	159 cm
Gross vehicle weight			Height (with cab)	85.5 in	217 cm
Model 100-8K	10,000 lbs	4,335 kg	Turn Radius	150 in	381 cm
Model 100-10K	12,000 lbs	5,443 kg	Ground Clearance	7 in	17.8 cm
Model 100-12K	14,000 lbs	6,350 kg	Speed (forward)	11-20 mph	17-32 km/h
			Speed (rear)	4-7 mph	6-11 km/h

Drive System

Engine options

Gasoline

Kubota WG2503

LP

Kubota WG2503

Diesel

Cummins QSB3.3 (Tier 3 export only)

Cummins QSB4.5 (Tier 3 export only)

Cooling system

Full size liquid cooled radiator, isolated from vibration

Transmission

Factory new GM 4L70E automatic transmission with separate transmission fluid cooler, with shift abuse protection

Axles

Front: Brierton heavy duty

Rear: Newage heavy duty with secondary planetary reduction gear

Tires

Front: 8.00 R16.5

Rear: Dual LT215/75R – 17.5

Systems

Chassis

Heavy duty fixture welded steel frame

Steering

Power assisted

Braking

Power assisted four wheel vented discs

Front: Vented disc

Rear: Dual caliper disc

Parking: Disc

Suspension

Front: Leaf spring

Rear: Leaf spring

Instrumentation

LED digital display with diagnostics (CAN J1939)

Coolant temperature

Engine speed*

Oil pressure

Battery voltage

Fuel level

Engine hours

Engine alarm/ fault lamps

Transmission temperature warning

Four in one gauge- export engines

*Engine dependent

Lighting (LED)

Headlights, low beam when ignition is on

Taillights

Brake

Reverse

Work light

Electrical

12V

Maintenance free battery

66 amp minimum alternator (engine dependent)

Configurations

Standard

Adjustable operators seat with retractable seat belt

Front and rear hitches

Engine safety shutdown (low oil pressure, high temperature)

20 gallon (75 liter) fuel tank

Back up alarm

Anti-restart ignition switch

Zinc rich primer and white or safety yellow polyurethane top coat

Optional

Overhead guard

Cab:

All weather with heat and defrost

Air conditioning

Econo

With or without heat and defrost

Canvas doors

Hitch view and/or back up camera with LCD dash monitor

Mirror kit(s):

Left and right side mirrors

Hitch mirror(s)

Semi-suspension operators seat

Operator seat safety presence switch

Passenger seat with retractable seat belt

LED amber beacon light

LED turn signals

Low gear lock in switch

Speedometer

Master disconnect switch

License plate bracket

Fire extinguisher(s)

Spare tire assemblies

Heavy duty winterization package to -40F

Custom paint color

Consult factory for additional specialized configurations

Note: Dimensions may change slightly with individual engine packages. Specifications subject to change without notice.