

minibuggy

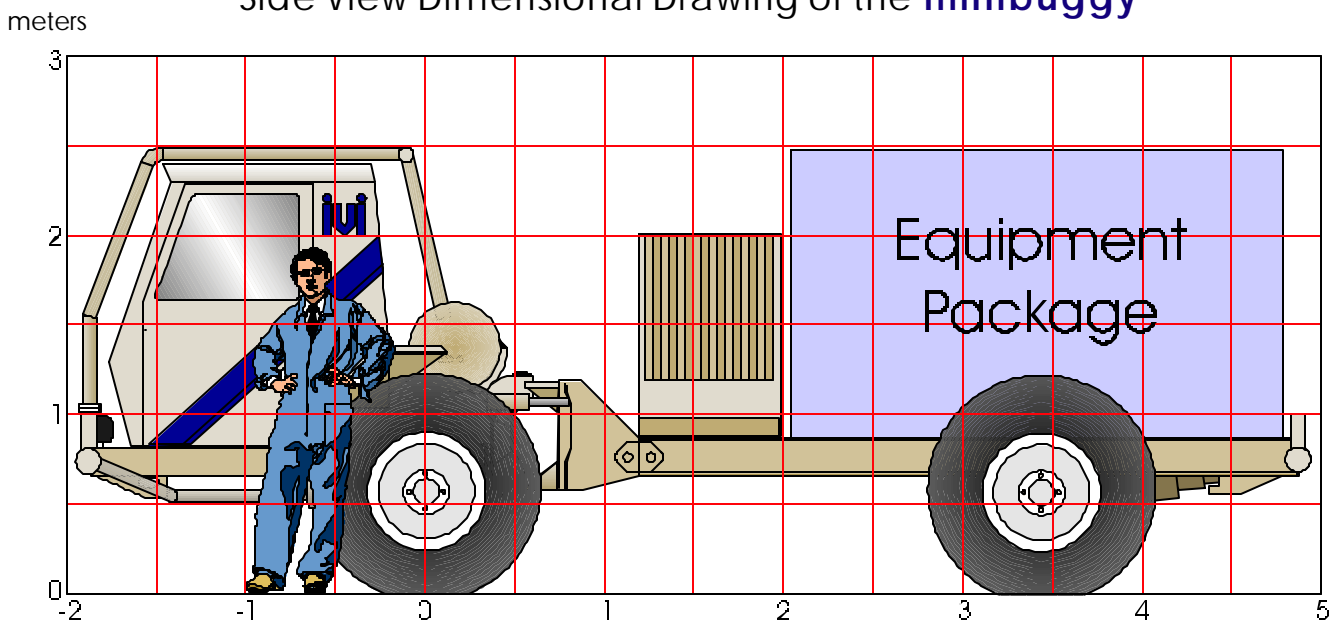
A Narrow and Lightweight Buggy

Hydrostatic Drive
Articulating and Oscilating Frame

The '**minibuggy**' is a hydrostatic 4-wheel or 2-wheel drive vehicle. It is a low speed, high torque large diameter tire vehicle. This unit can operate not only as a 4x4 but also as a 2x4. With the standard tires the '**minibuggy**' can be as narrow as six feet. This makes it ideal for environmentally sensitive areas. The rear mounted Diesel engine is easily accessed for servicing. The hydrostatic drive delivers a constant torque to the axles. The agricultural axles include inboard planetaries and enclosed self-adjusting wet disc brakes. The rear frame can mount a large variety of equipment which includes drills, recording cabs, geophone beds, impulse sources, water tanks, and service beds.



Side View Dimensional Drawing of the '**minibuggy**'



'minibuggy'

VISIT THE IVI WEBSITE AT <http://www.indvehicles.com>

Components

COMPONENT	DESCRIPTION	RATING
Engine	John Deere	96 HP @ 2500 RPM
Transmission	Hydostatic 3-Speed	Ratios 6.63, 2.54, 1
Axles	Inboard Planetary	11,000 Pound capacity/axle
Steering	Articulated Power Steering	Plus or Minus 40 Degrees
Service Brakes	Enclosed Wet Disc	9,900 Pound/Feet per Axle
Parking Brake	Drum Brake	10 Inch Diameter Drum
Cab	Enclosed	Steel Tubing Construction
Frame	Articulating and Oscillating	All Welded Steel
Fuel Tank	40 Gallons(US)	151 Liters
Standard Tires	14.9-24 R-1 4 ply	2,900 Pounds per Tire
Hydraulic System	Variable Volumn Piston Pump	Variable Volumn Piston Pump
Electrical System	One CAT 8D Battery	12 Volt System, 60 Amp

Specifications

CATEGORY	ENGLISH	METRIC
Total Weight	9,800 Pounds	4.446 kgf.
Front Axle Weight	6,500 Pounds	2.450 kgf.
Rear Axle Weight	3,300 Pounds	1.498 kgf.
Maximum Cargo Weight	6,200 Pounds	2.816 kgf.
Turning Radius	230 Inches	5.84 meters

'minibuggy' OPTIONS

OPTION	DESCRIPTION
Front Winch	A hydraulic 8,000 pound winch
Noise Reduction	Equipment that limits the ambient noise of the 'minibuggy' engine
Cold Weather Options	Various heaters, covers, and other equipment for cold temperatures
Belly Pans	Front and Rear transmission guards
Cab Protective Structure	A cab structure which protects the cab in heavily forested areas
14.9-24 R-1 8 ply Tire	This tire has a 4,200 pound load rating
Flotation Tire	Super Terra Grip 48x31-20 --10 psi ground pressure with no penetration
Cab Protective Structure	A cab structure which protects the cab in heavily forested areas

Specifications are subject to change without notice. All specifications reflect standard equipment.

'minibuggy'



INDUSTRIAL VEHICLES INTERNATIONAL, INC.

6737 EAST 12TH STREET, TULSA, OKLAHOMA 74112 U.S.A. PHONE (918) 836-6516 FAX (918) 838-9529
E-MAIL ivi@indvehicles.com