

PRESENTED BY



**AN ISO/IEC 17025:2017
ACCREDITED CALIBRATION COMPANY**

DALLAS FT WORTH AUSTIN HOUSTON

NICOLSCALES.COM

800.225.8181

[CONTACT US](#)

NICOL SCALES & MEASUREMENT IS AN ISO ACCREDITED CALIBRATION COMPANY THAT HAS PROVIDED CALIBRATION, REPAIR AND SALES OF ALL TYPES OF WEIGHING AND MEASUREMENT PRODUCTS SINCE 1931.

A dual platform wheel load scale was used to directly measure single tire weights in a dual tire configuration. Inner tire weights were approximately 20% higher than outer tires, and low psi or tire conditions were identified with the Intercomp dual platform portable scale.

Data collected during test in Hillsborough, North Carolina on May 17, 2021.

8 Axle Permit-Backhoe

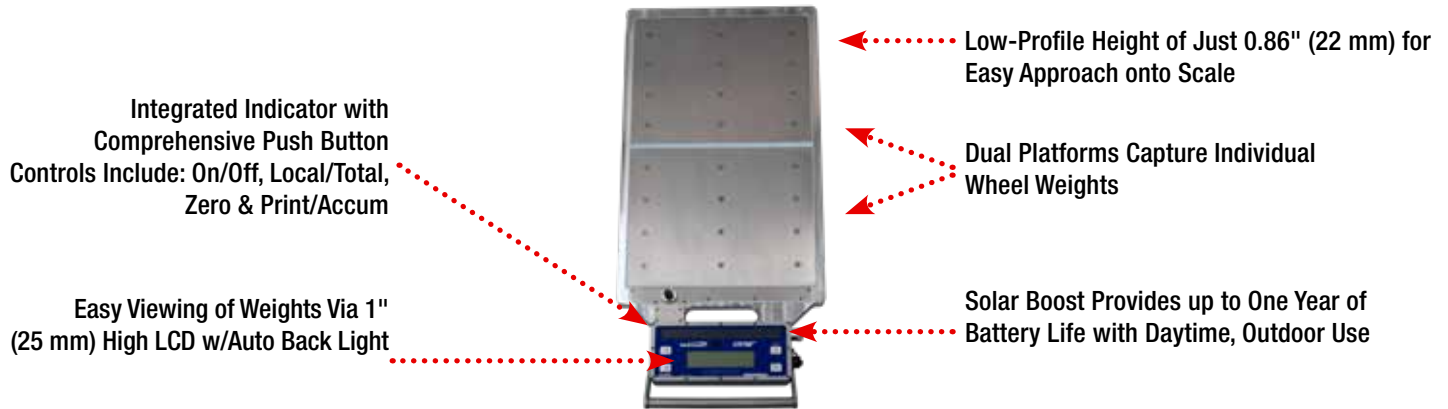
Rocker Weigh Method

Measurements are Displayed in lb



			5,780			Steer			5,320		
	Total	Outer	Inner			Group 2			Inner	Outer	Total
I/O Differential	10,000	4,300	5,660			Ax2			5,320	4,320	9,680
	-24%										-18.8%
I/O Differential	11,360	5,260	6,080			Ax3			6,120	4,380	10,500
	-13.5%										-28.4%
I/O Differential	11,400	5,060	6,340			Ax4			4,440	5,720	10,160
	-20.2%								PSI 72		28.8%
	Total	Outer	Inner			Group 3			Inner	Outer	Total
I/O Differential	9,620	4,020	5,600			Ax5			4,620	3,640	8,280
	-28.2%		Profile								-21.2%
I/O Differential	8,620	3,800	4,840			Ax6			5,000	3,360	8,360
	-21.5%										-32.8%
I/O Differential	8,380	3,560	4,800			Ax7			3,920	4,160	8,080
	-25.8%								PSI low		6.1%
I/O Differential	8,460	3,580	4,880			Ax8			4,240	3,300	7,540
	-26.6%										-22.2%
	Avg (lb)	Avg (%)									
I/O Differential	-957.14	-17.7%									

Intercomp's LTR788™ Dual Wheel Load Scale was created to directly measure tire weights in a dual tire configuration. The fully-electronic, self-contained, low profile wheel load scale can be used alone, or alongside single-platform wheel load scales for commercial vehicle enforcement or inspection operations.



CAPACITY	22,000 lb (10,000 kg) Total, 11,000 lb (5,000 kg) Per Pad*
PAD DIMENSIONS	12.75" x 15.5" x .86" (324 x 394 x 22 mm) Each
WEIGHT	39 lb (17 kg)
ACCURACY	± 0.5% to 1%
INDICATORS	Low Battery, lb/kg, Inner Local, Outer Local, Total
CONTROLS	Push Button On/Off, Zero, Local/Total, Print/Accumulate
TEMPERATURE	Operating -20° to 150°F (-28° to 65°C) Storage -40° to 170°F (-40° to 75°C)

*Pending Certification

Local/Total Button Toggles Between Inner, Outer, and Both (Total) Wheel Weights



Inner Tire
Wheel Weight
Displayed



Outer Tire
Wheel Weight
Displayed



Indicates Total
of Both
Wheel Weights

